

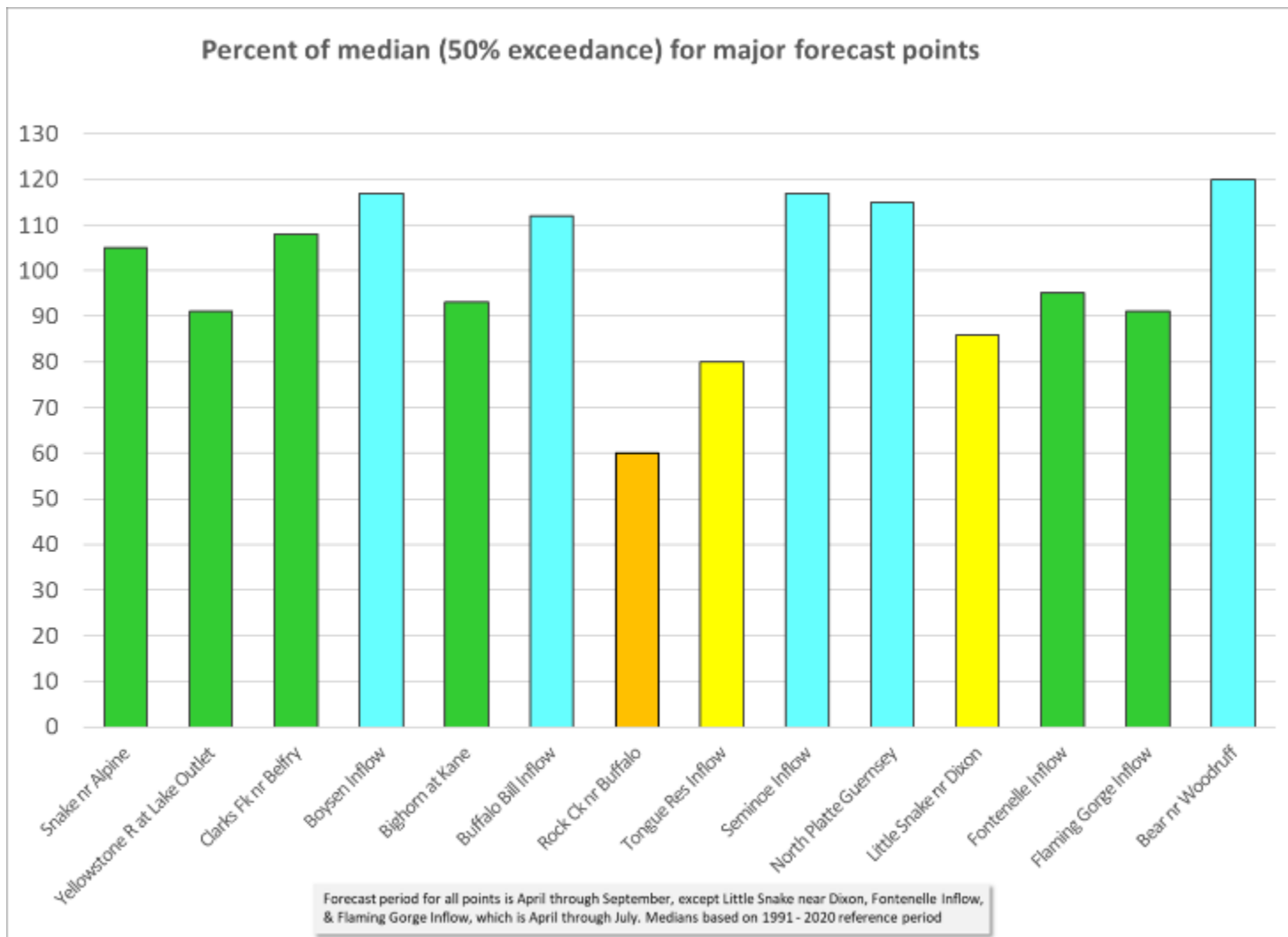
Wyoming Basin & Water Supply Outlook Report

April 1, 2025

**Natural
Resources
Conservation
Service**



Elk Mountain from Kennedy Peak, photo credit USDA-NRCS Wyoming 5/1/1972



Forecasted stream flows for April 1st, 2025

Fifty percent exceedance probability for 5 out of 14 major forecast points above are expected to be above normal. Only Tongue Reservoir Inflow, Rock Creek near Buffalo, and Little Snake near Dixon are below normal. The highest is Bear near Woodruff Reservoir inflow and is expected to be 120% of normal.

Basin Outlook Reports

And

Federal - State - Private Cooperative Snow Surveys

For more information, contact:

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How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

Note: The median is the official normal for snowpack (SWE), precipitation, reservoir storage, and streamflow calculations. Please refer to the **Appendix** of this report for more detailed information.

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To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at [How to File a Program Discrimination Complaint](#) and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov. USDA is an equal \\\

Wyoming Basin & Water Supply Outlook Report

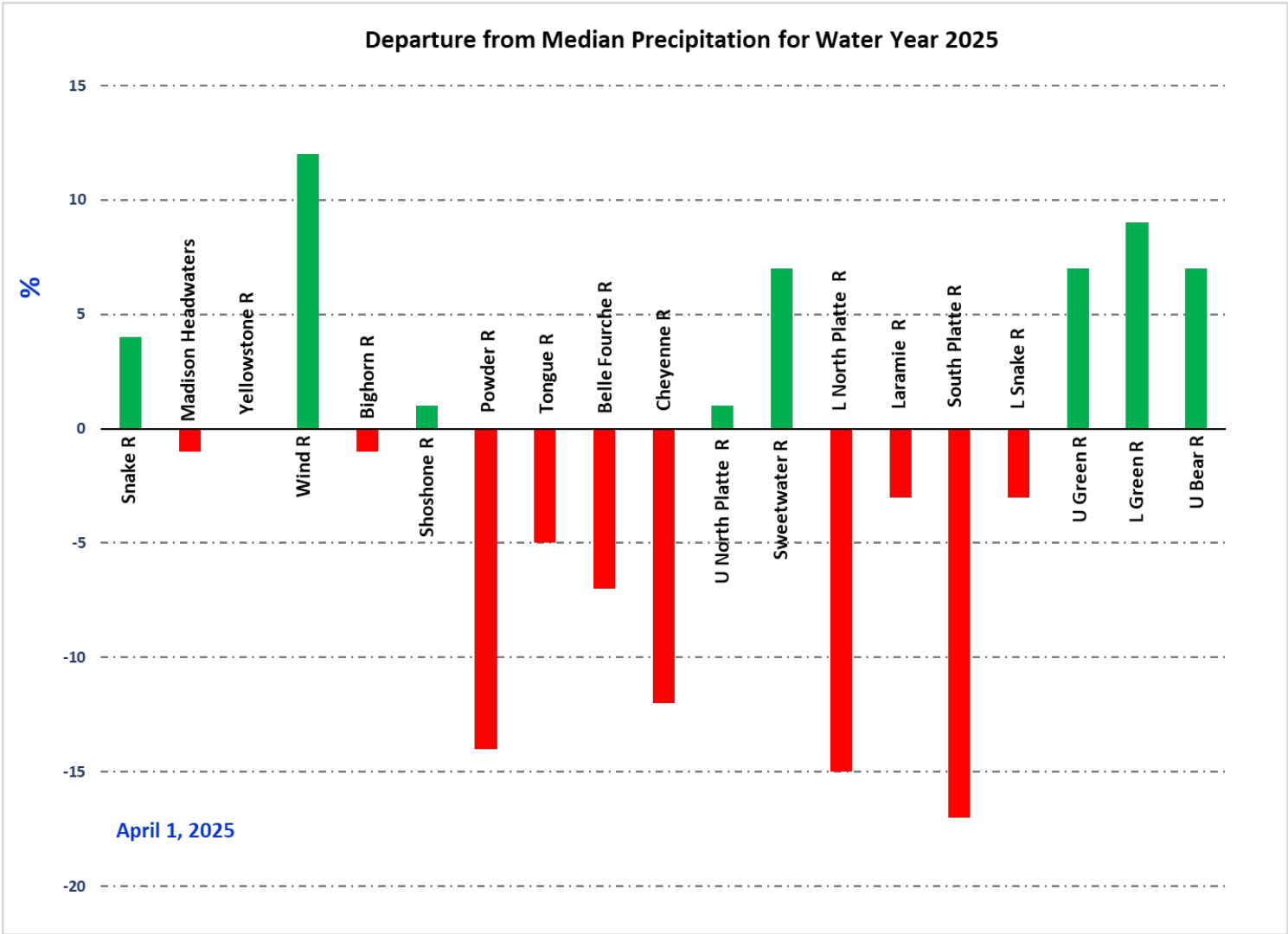
Snowpack

Snow water equivalent (SWE) across Wyoming for April 1st was at 91% of median. SWE in the Wind River Basin was the highest at 111% of median and lowest for the Cheyenne River Basin at 46% of median. On April 1st, 2024, the following basins were below 90% of median SWE recorded for the 1991 - 2020 interval: Belle Fourche, Cheyenne, Lower North Platte, Powder, and South Platte. *See the map on page 6 and the Appendix for further information.*

Precipitation

The Wind River Basin had the highest precipitation for the month at 161% of median. The Cheyenne River Basin had the lowest precipitation amount for the month at 97% of median. The following graph displays the precipitation in major river basins and their departure from median for the water year beginning October 1st, 2024.

See Appendix for further information.



Streams

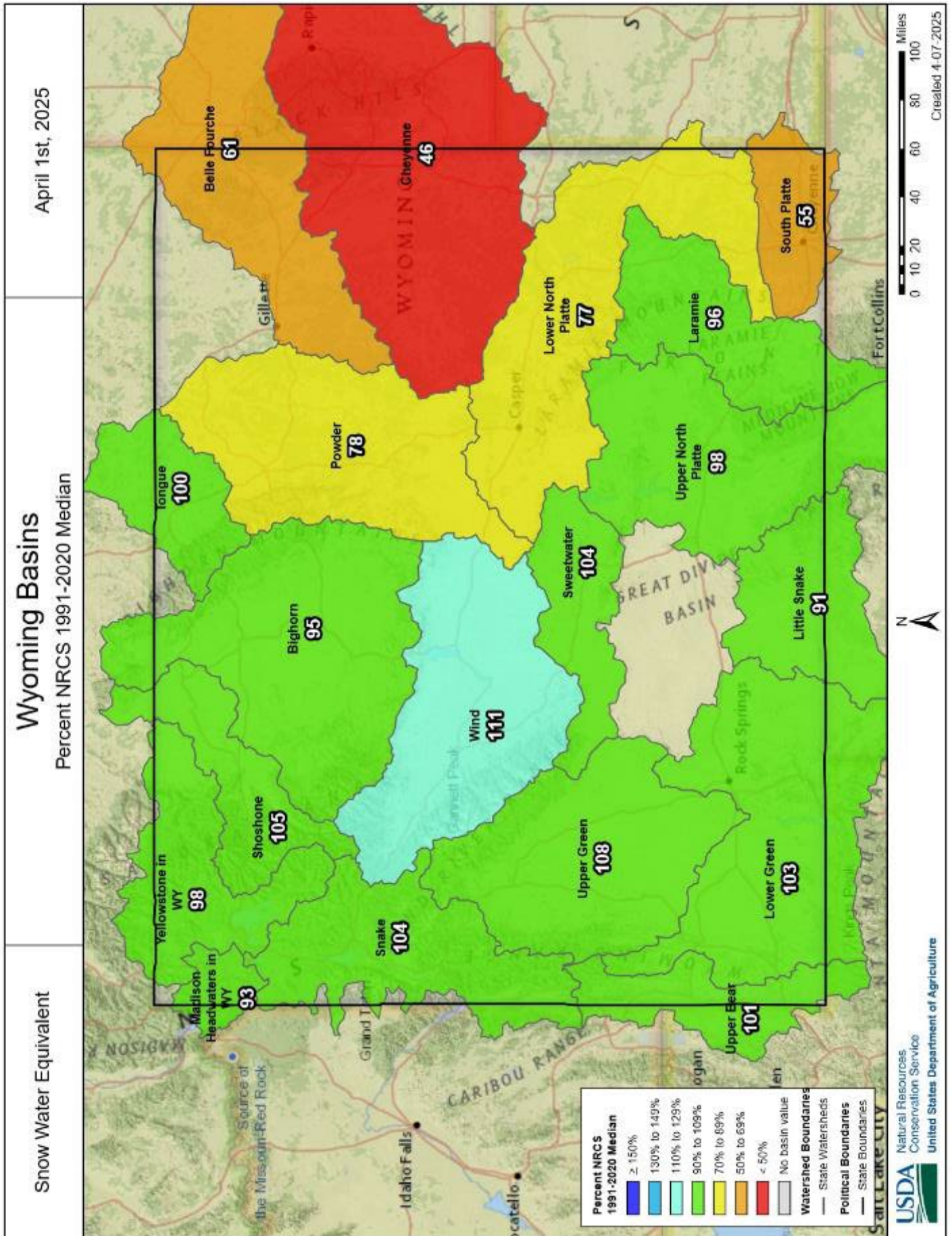
Forecast median streamflow yields for April thru September in Wyoming basins (except Upper Green, Lower Green, Little Snake and Cheyenne) average 104%. Forecast median stream flow yields for April thru July in Upper Green, Lower Green, Little Snake, and Cheyenne average 96%, 100%, 88%, and 81%. The Snake River and Yellowstone River in Wyoming, basins should yield about 103% and 100% of median. Yields from the Wind and Bighorn River basins should be about 117% and 92% of median. Yields from the Shoshone River basin should be 111% of median. Yields from the Powder and Tongue River basins should be about 76% and 83% of median. Yields for the Sweetwater, Upper North Platte, Lower North Platte, and Laramie Rivers of Wyoming should be about 122%, 106%, 108%, and 109% of median, respectively.

Reservoirs

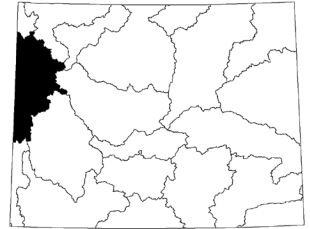
Reservoir storage was 98% of median across the entire state. Reservoirs in the Snake River basin are near median at 103%. Reservoirs in the Wind River basin are near median at 84%. Reservoirs on the Bighorn are 98% of median. The Buffalo Bill Reservoir on the Shoshone is near median at 89%. Reservoirs in the Belle Fourche and Cheyenne River basins are near median at 86% and 84% respectively. Reservoirs on the Upper and Lower North Platte River are above median at 93% and 92% respectively. Reservoirs on the Upper Green River are at 106% of median. Reservoirs on the Lower Green River are near median at 99%. *See below for further information.*

Wyoming Reservoir Levels

	Reservoir Storage Summary For the End of March 2025								
	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Alcova	157.8	157.5	157.7	184.3	86%	85%	86%	100%	100%
Angostura	86.0	105.3	107.5	122.1	70%	86%	88%	80%	98%
Belle Fourche	136.4	156.4	147.7	178.4	76%	88%	83%	92%	106%
Big Sandy	26.9	41.7	20.6	38.3	70%	109%	54%	131%	202%
Bighorn Lake	780.3	805.6	798.4	1356.0	58%	59%	59%	98%	101%
Boysen	479.3	586.0	541.5	596.0	80%	98%	91%	89%	108%
Buffalo Bill	386.1	484.4	432.8	646.6	60%	75%	67%	89%	112%
Bull Lake	36.5	71.5	81.0	151.8	24%	47%	53%	45%	88%
Deerfield	15.0	14.8	14.9	15.2	99%	98%	98%	101%	100%
Eden	6.2	8.8	5.1	11.8	52%	75%	43%	120%	173%
Flaming Gorge Reservoir	3132.9	3155.3	3162.0	3749.0	84%	84%	84%	99%	100%
Fontenelle	125.4	103.8	122.9	344.8	36%	30%	36%	102%	84%
Glendo	339.0	379.5	375.2	506.4	67%	75%	74%	90%	101%
Grassy Lake	11.9	13.4	13.2	15.2	78%	88%	87%	90%	102%
Guernsey	10.7	21.7	18.6	45.6	24%	47%	41%	58%	116%
High Savery Reservoir	12.8	19.7	11.7	22.4	57%	88%	52%	110%	168%
Jackson Lake	645.0	630.4	627.0	847.0	76%	74%	74%	103%	101%
Keyhole	116.8	129.0	147.3	193.8	60%	67%	76%	79%	88%
Meeks Cabin Reservoir	9.6	19.6	12.0	32.5	29%	60%	37%	80%	163%
Pactola	46.5	52.1	53.8	55.0	84%	95%	98%	86%	97%
Pathfinder	603.2	712.0	595.5	1016.5	59%	70%	59%	101%	120%
Pilot Butte	25.7	25.3	25.2	31.6	81%	80%	80%	102%	100%
Seminole	498.1	645.4	589.8	1016.7	49%	63%	58%	84%	109%
Stateline Reservoir	4.3	8.6	5.7	12.0	36%	72%	48%	76%	152%
Tongue River Res	58.9	56.4	56.0	79.1	75%	71%	71%	105%	101%
Viva Naughton Res	30.1	34.1	28.5	42.4	71%	81%	67%	106%	120%
Wheatland #2	32.5	71.1	57.4	98.9	33%	72%	58%	57%	124%
Woodruff Creek	2.3	3.5	3.8	4.0	58%	88%	95%	61%	92%
Woodruff Narrows Reservoir	43.7	48.8	49.8	57.3	76%	85%	87%	88%	98%



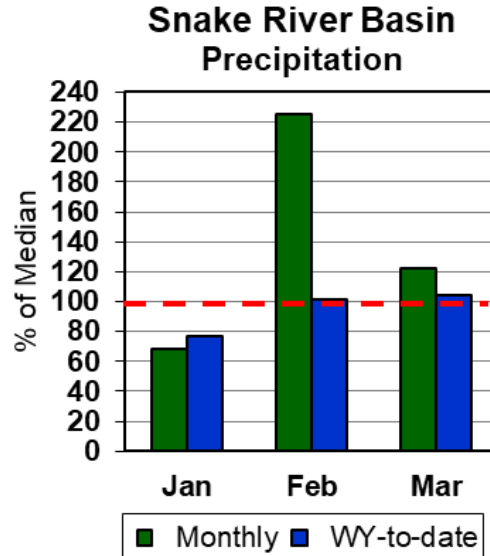
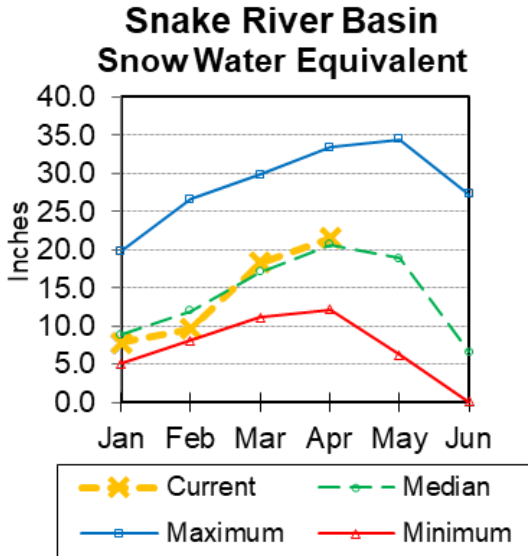
Snake River Basin



Snow

The overall Snake River basin SWE (portion above Palisades dam) is 104% of median. SWE in the Snake River Basin above Jackson Lake is 97% of median. Pacific Creek basin SWE is 103% of median. Buffalo Fork SWE is 107% of median. Gros Ventre River basin SWE is 105% of median. SWE in the Hoback River drainage is 112% of median. SWE in the Greys River drainage is 118% of median. Salt River Basin SWE is 120% of median.

See Appendix at the end of this report for a detailed listing of snow course information.



Precipitation

Last month's precipitation for the Snake River Basin was 122% of median. Water-year-to-date precipitation is 104% of median.

Reservoirs

Current reservoir storage is 103% of median for the two storage reservoirs in the basin.

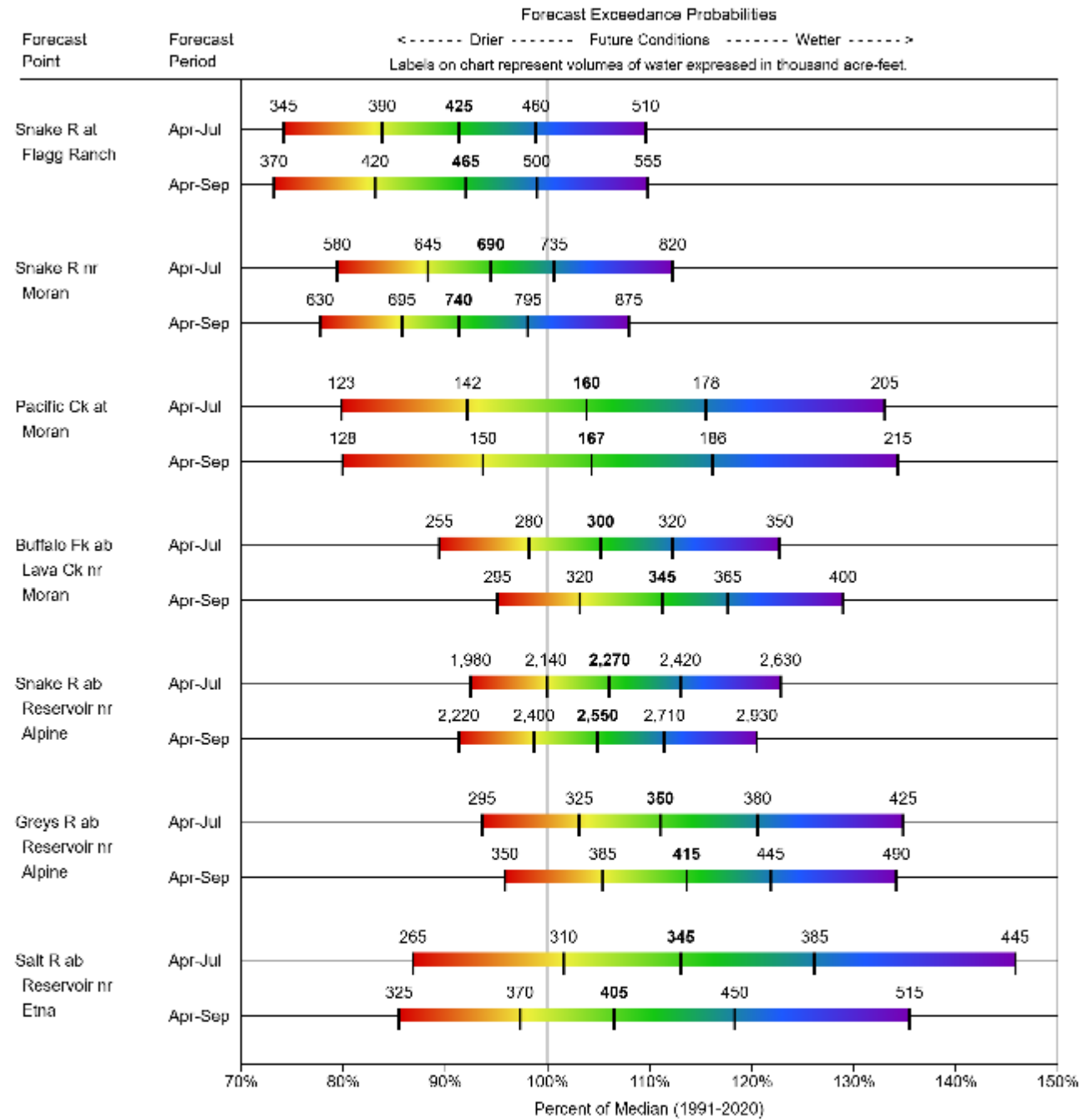
	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Grassy Lake	11.9	13.4	13.2	15.2	78%	88%	87%	90%	102%
Jackson Lake	645.0	630.4	627.0	847.0	76%	74%	74%	103%	101%
Basin Index					76%	75%	74%	103%	101%
# of reservoirs					2	2	2	2	2

Streamflow

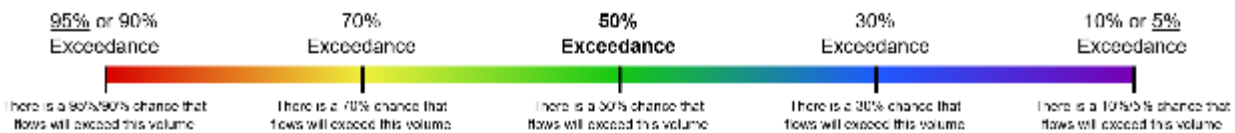
The 50% exceedance forecasts for April through September are near median for this basin. The Snake near Moran yield should be 91% of median. Snake River above reservoir near Alpine will yield about 114% of median. Pacific Creek near Moran yield will be around 104%. Buffalo Fork above Lava near Moran will be around 111% of median. Greys River above reservoir near Alpine should yield about 114%. Salt River near Etna yield will be about 107%.

See the following graph for further information.

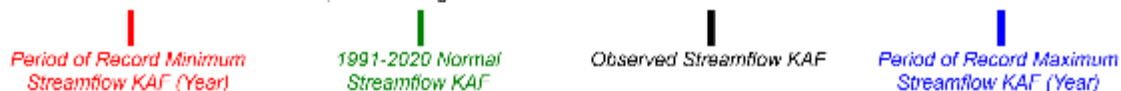
SNAKE
Water Supply Forecasts
April 1, 2025



Legend



When selected, the following historic streamflow values and statistics will be shown.



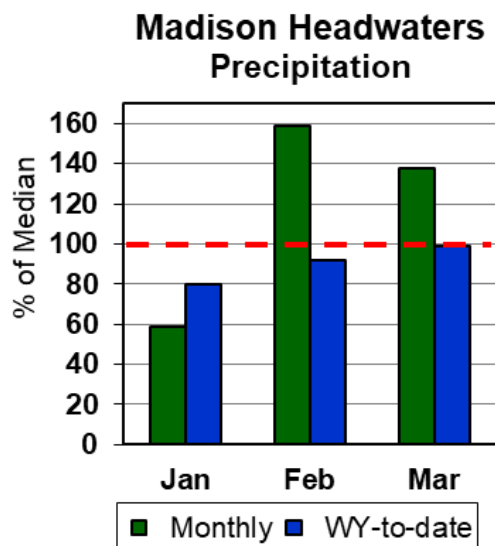
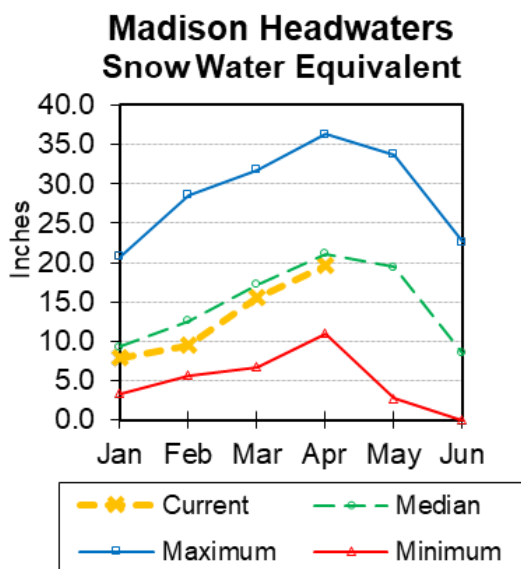
Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

Madison Headwaters in Wyoming



Snow

SWE is 93% of median in the Madison Headwaters in Wyoming drainage. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month precipitation in the Madison Headwaters drainage was 138% of median. Water-year-to-date precipitation is at 99% of median.

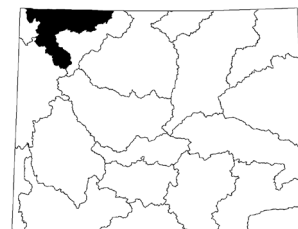
Reservoirs

No reservoir data.

Streamflow

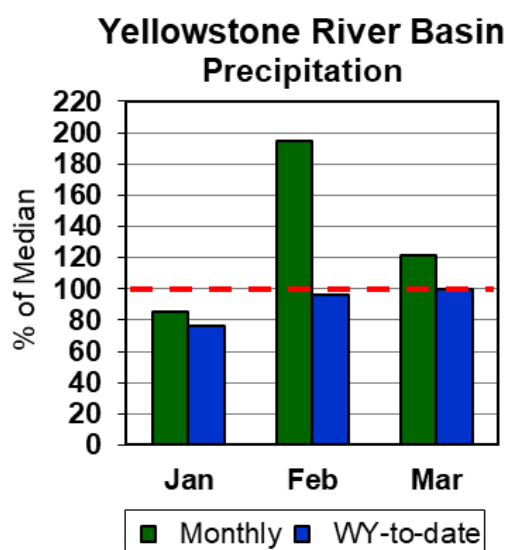
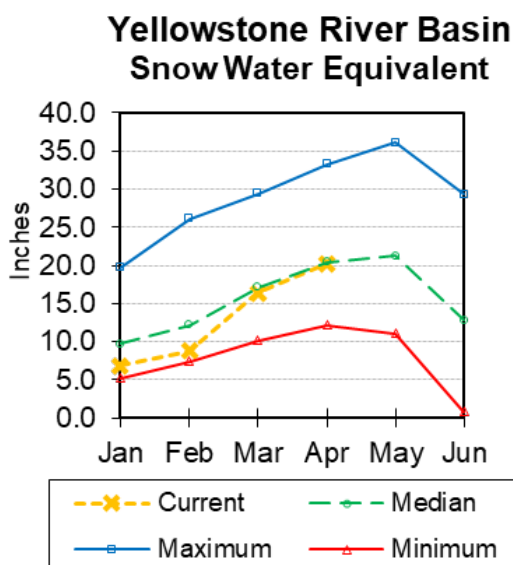
There are no streamflow forecast points for the basin.

Yellowstone River Basin



Snow

SWE in the Yellowstone River Basin is 98% of median. SWE in the Clarks Fork Drainage of the Yellowstone River basin in Wyoming is 102% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation in the Yellowstone River Basin was 121% of median. Water-year-to-date precipitation is 100% of median.

Reservoirs

No reservoir data.

Streamflow

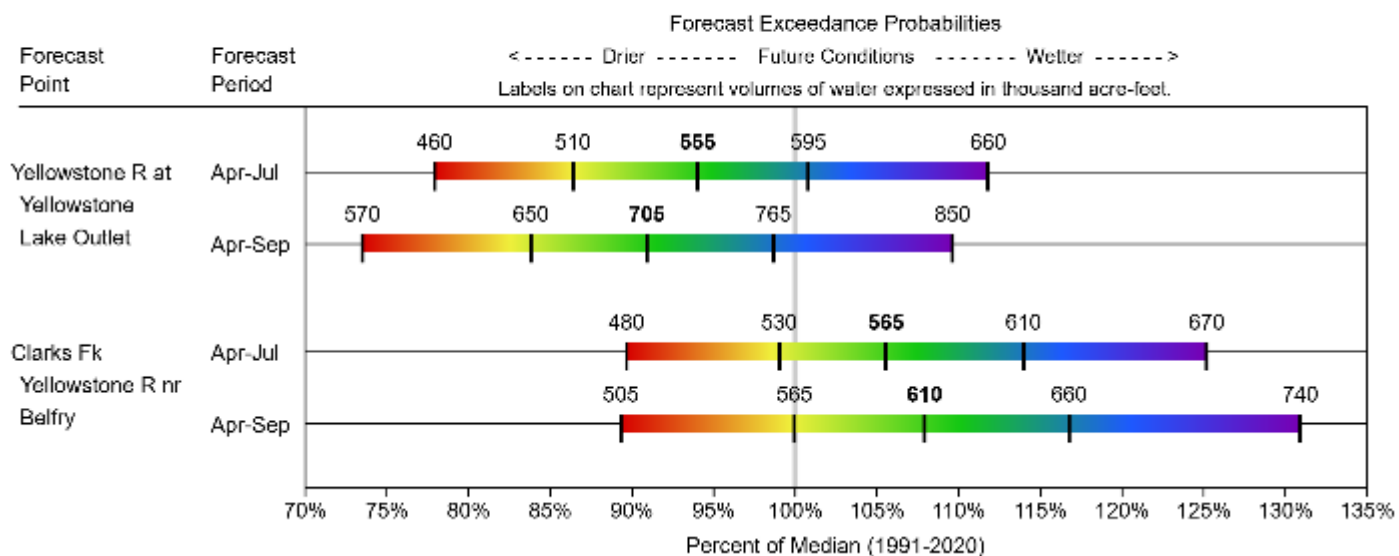
The 50% exceedance forecasts for April through September are normal for the basin. Yellowstone at Lake Outlet will yield around 91% of median. Clarks Fork of the Yellowstone near Belfry will yield around 108%.

See the following graph for detailed information.

YELLOWSTONE IN WY

Water Supply Forecasts

April 1, 2025

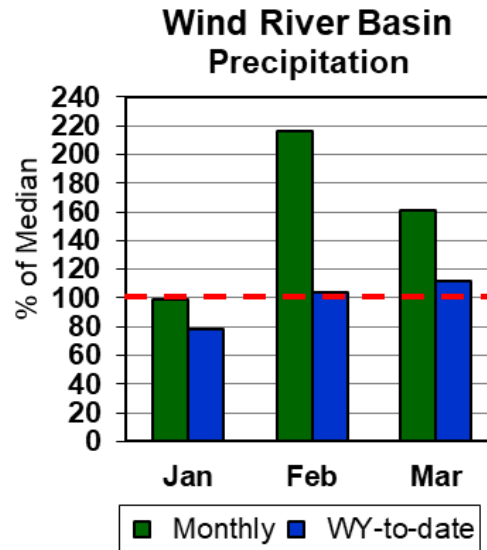
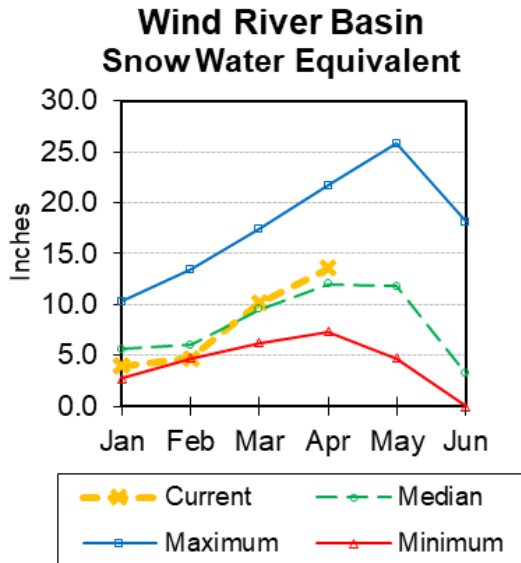


Wind River Basin



Snow

Wind River basin SWE (above Boysen Reservoir) is 111% of median. SWE in the Wind River above Dubois is 109% of median. Little Wind SWE is 104% of median, and Popo Agie drainage SWE is 116% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation for the basin was 161% of median. Water year-to-date precipitation is 112% of median.

Reservoirs

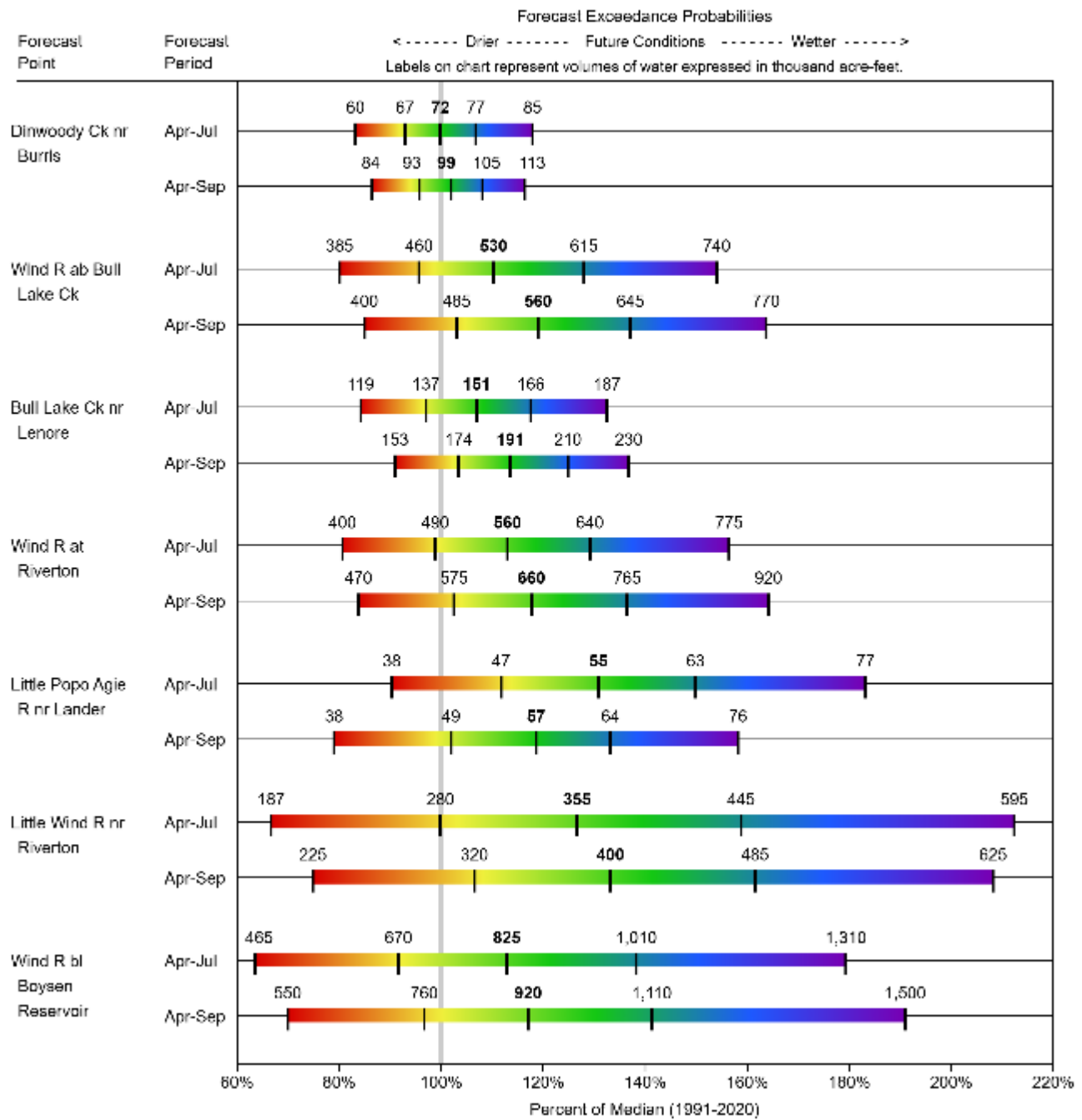
Current storage is 84% of median in the basin.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Pilot Butte	25.7	25.3	25.2	31.6	81%	80%	80%	102%	100%
Boysen	479.3	586.0	541.5	596.0	80%	98%	91%	89%	108%
Bull Lake	36.5	71.5	81.0	151.8	24%	47%	53%	45%	88%
Basin Index					69%	88%	83%	84%	105%
# of reservoirs					3	3	3	3	3

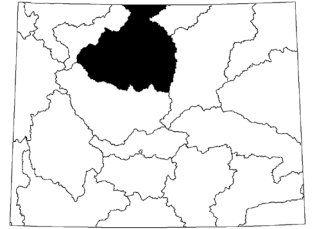
Streamflow

The 50% exceedance forecasts for the April through September runoff period are above normal for the Wind River. The Wind River above Bull Lake Creek will yield about 119% of median. Little Popo Agie River near Lander should yield around 119% of median. Little Wind River near Riverton will yield around 133% of median. Boysen Reservoir inflow will yield about 117% of median. *See the following graph for detailed runoff volumes.*

WIND
Water Supply Forecasts
April 1, 2025

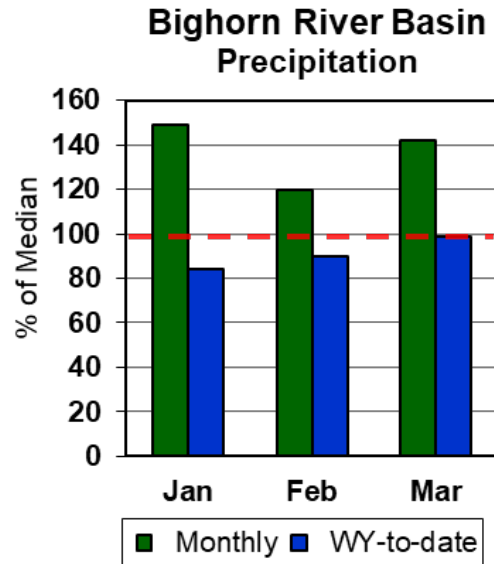
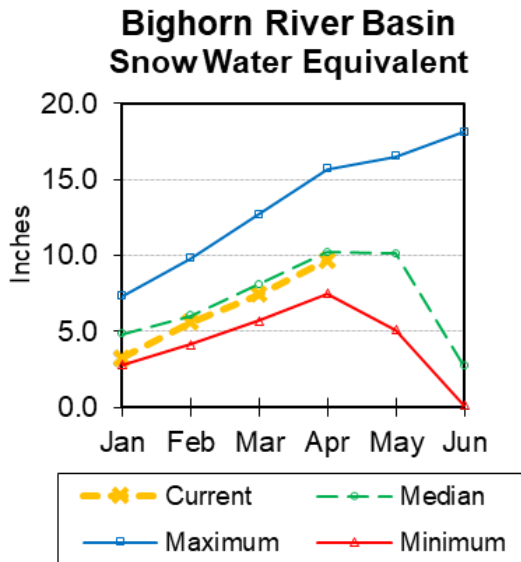


Bighorn River Basin



Snow

The Bighorn River Basin SWE (above Bighorn Reservoir) is 95% of median. The Greybull River SWE is at 128% of median. Shell Creek SWE is at 96% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 142% of median. Year-to-date precipitation is 99% of median.

Reservoirs

Current reservoir storage in the basin is 98% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Bighorn Lake	780.3	805.6	798.4	1356.0	58%	59%	59%	98%	101%
Basin Index					58%	59%	59%	98%	101%
# of reservoirs					1	1	1	1	1

Streamflow

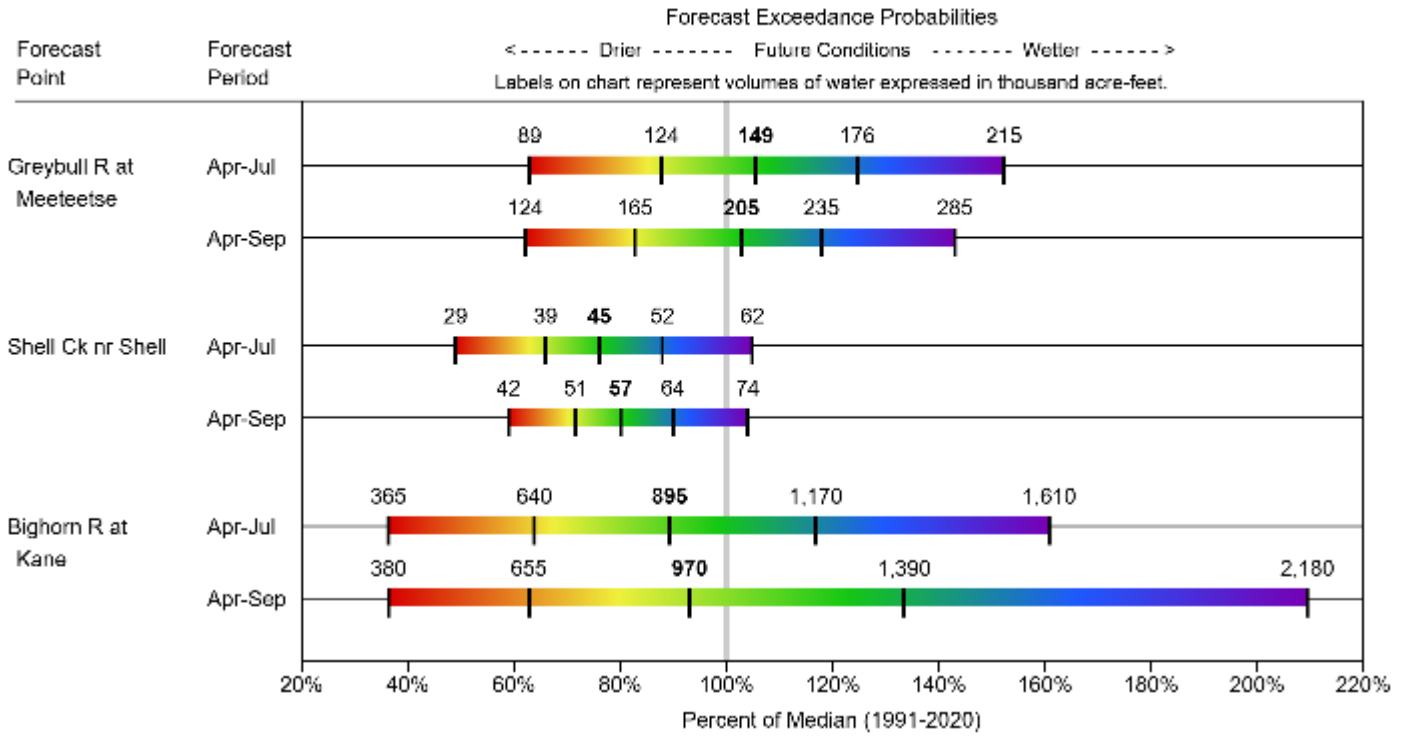
The 50% exceedance forecasts for the April through September runoffs are near normal. The Greybull River near Meeteetse should yield 103% of median. Shell Creek near Shell should yield around 80% of median. The Bighorn River at Kane should yield around 93% of median.

See the following graph for detailed runoff volumes.

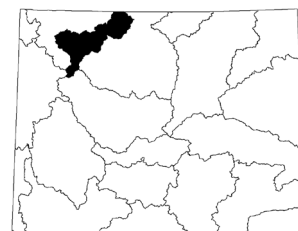
BIGHORN

Water Supply Forecasts

April 1, 2025

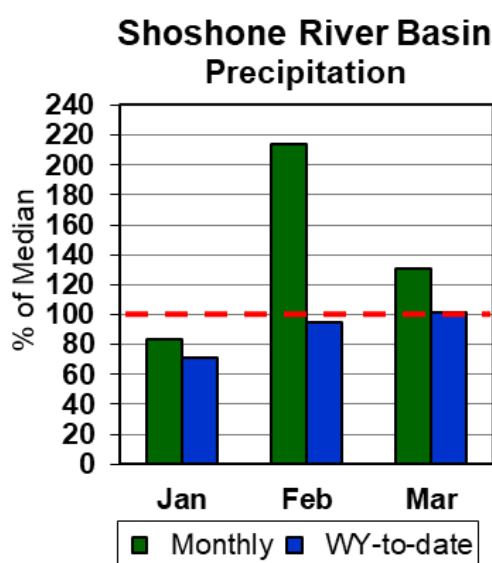
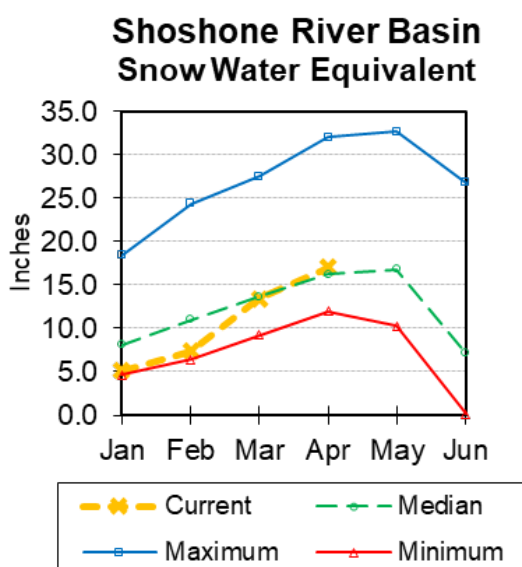


Shoshone River Basin



Snow

Snow Water Equivalent (SWE) is 105% of median in this basin. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Precipitation for last month was 131% of median. The basin year-to-date precipitation is now 101% of median.

Reservoirs

Current storage in Buffalo Bill Reservoir is about 89% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Buffalo Bill	386.1	484.4	432.8	646.6	60%	75%	67%	89%	112%
Basin Index					60%	75%	67%	89%	112%
# of reservoirs					1	1	1	1	1

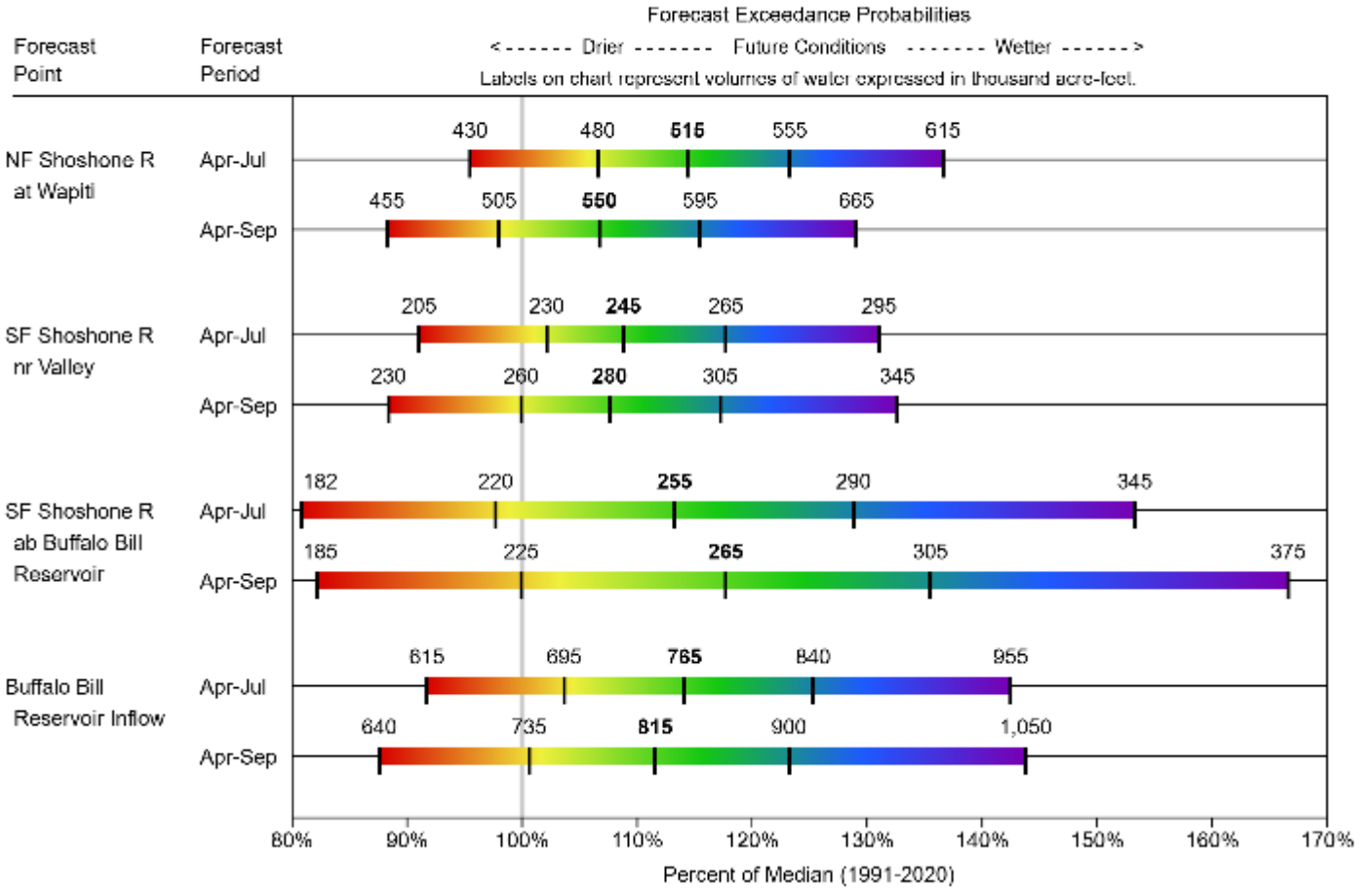
Streamflow

The 50% exceedance forecasts for the April through September period are above normal for the basin. The North Fork Shoshone River at Wapiti should yield 107% of median. The South Fork of the Shoshone River near Valley should yield 108% of median. The Buffalo Bill Reservoir inflow should yield 112% of median. *See the following graph for detailed runoff volumes.*

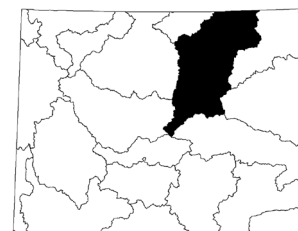
SHOSHONE

Water Supply Forecasts

April 1, 2025

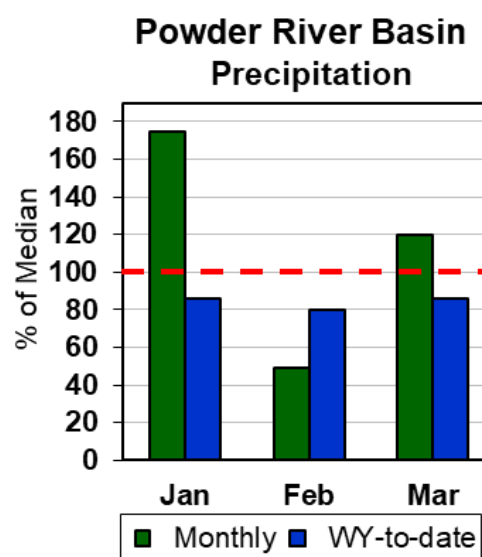
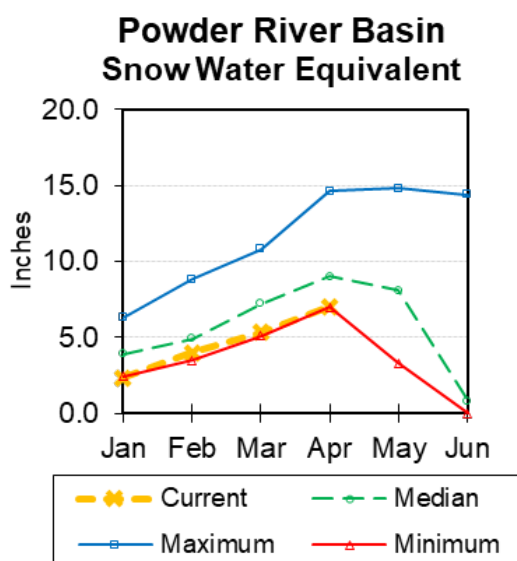


Powder River Basin



Snow

Powder River Basin SWE is at 78% of median. SWE in the Clear Creek drainage is 72% of median. *See appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 120% of median in the basin. Year-to-date precipitation is 86% of median.

Reservoirs

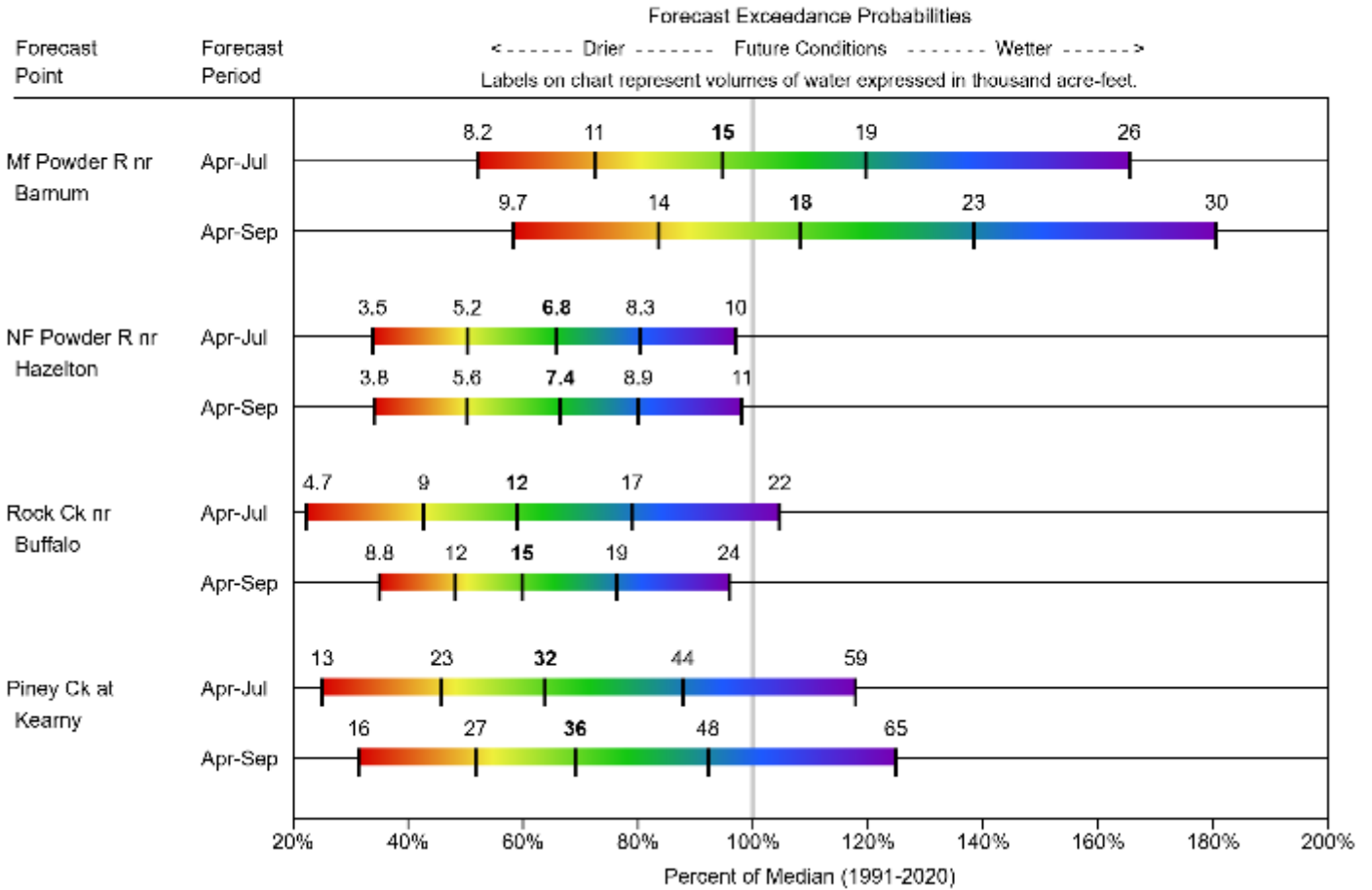
No reservoir data for this basin.

Streamflow

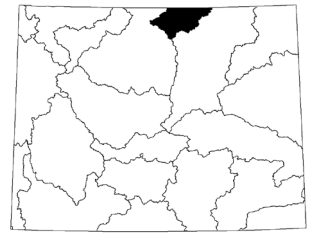
The 50% exceedance forecasts for the April through September period are below normal for the basin. The Middle Fork of the Powder River near Barnum should yield around 108% of median. The North Fork of the Powder River near Hazelton to yield around 67% of median.

See the following graph for detailed runoff volumes.

POWDER
Water Supply Forecasts
April 1, 2025

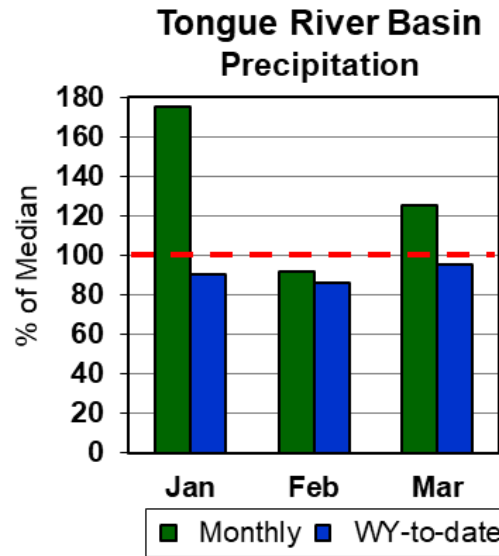
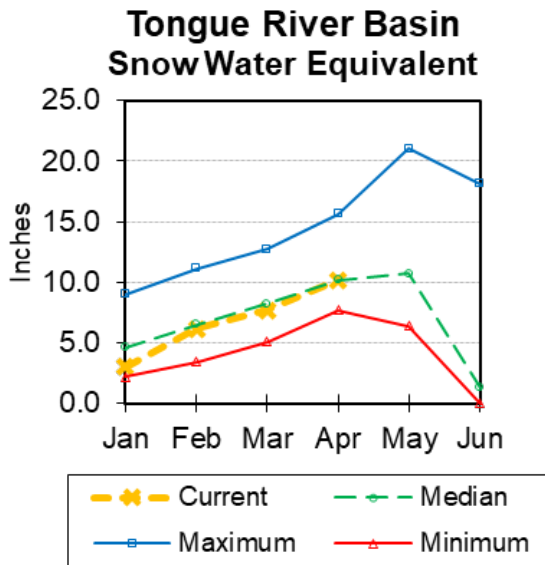


Tongue River Basin



Snow

Upper Tongue River drainage SWE is at 100% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 125% of median. Year-to-date precipitation is 95% of median in the basin.

Reservoirs

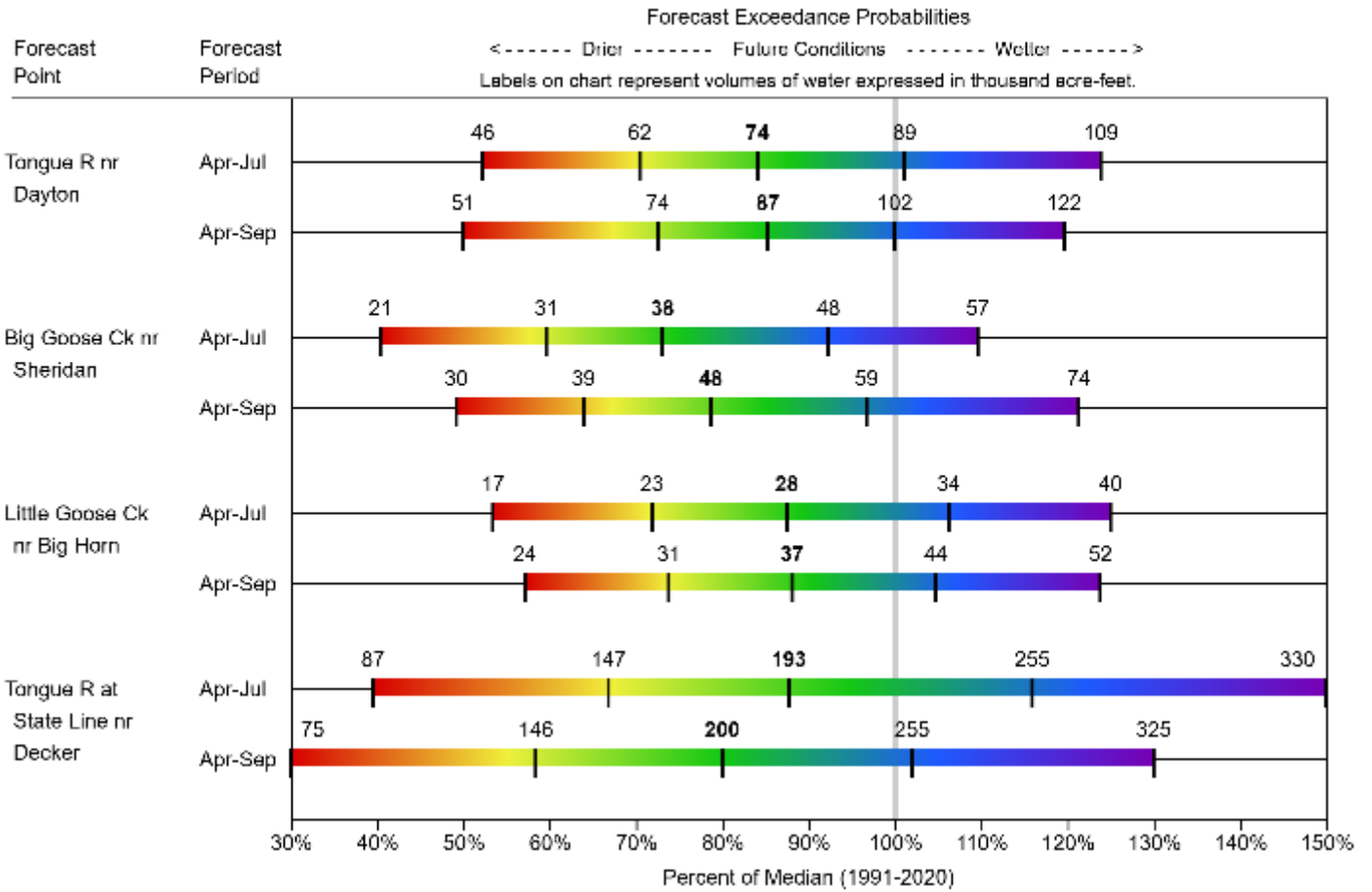
Current reservoir storage in the basin is 105% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Tongue River Res	58.9	56.4	56.0	79.1	75%	71%	71%	105%	101%
Basin Index					75%	71%	71%	105%	101%
# of reservoirs					1	1	1	1	1

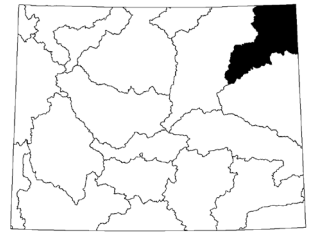
Streamflow

The 50% exceedance forecasts for the April through September period are below normal for the basin. The yield for Tongue River near Dayton is forecasted to be 85% of median. Big Goose Creek near Sheridan should yield around 79%. Little Goose Creek near Bighorn should yield 88% of median. The Tongue River Reservoir Inflow should yield 85% of median. *See below for detailed runoff volumes.*

TONGUE
Water Supply Forecasts
April 1, 2025

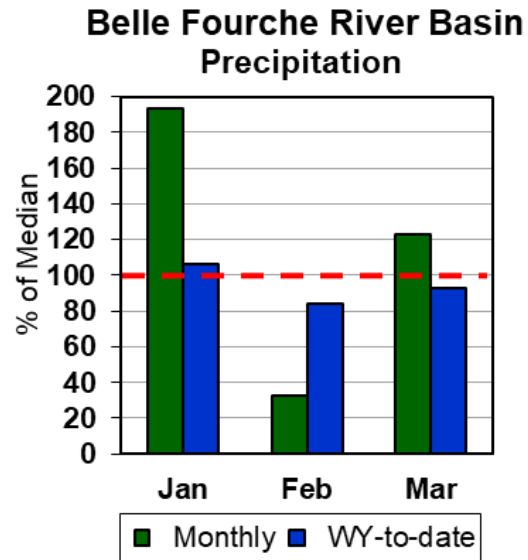
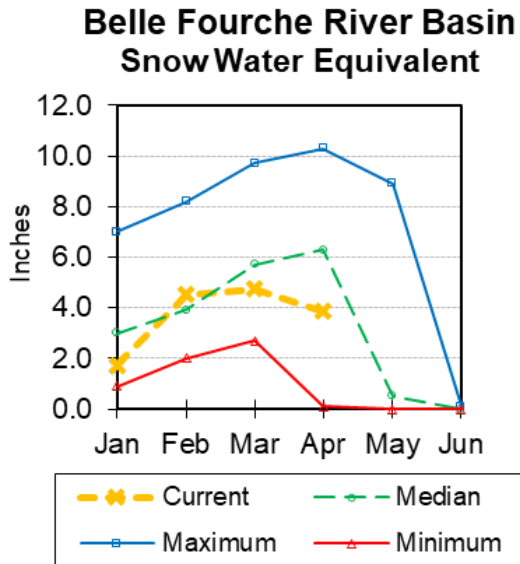


Belle Fourche River Basin



Snow

Currently the Belle Fourche River Basin SWE is at 61% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Precipitation for last month was 123% of median in the Belle Fourche basin. Year-to-date precipitation is 95% of median.

Reservoirs

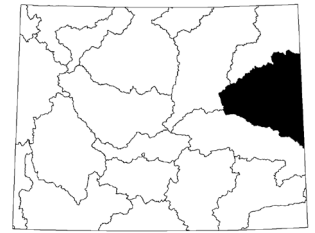
Combined storage for the 2 reservoirs in the basin is at 86% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Belle Fourche	136.4	156.4	147.7	178.4	76%	88%	83%	92%	106%
Keyhole	116.8	129.0	147.3	193.8	60%	67%	76%	79%	88%
Basin Index					68%	77%	79%	86%	97%
# of reservoirs					2	2	2	2	2

Streamflow

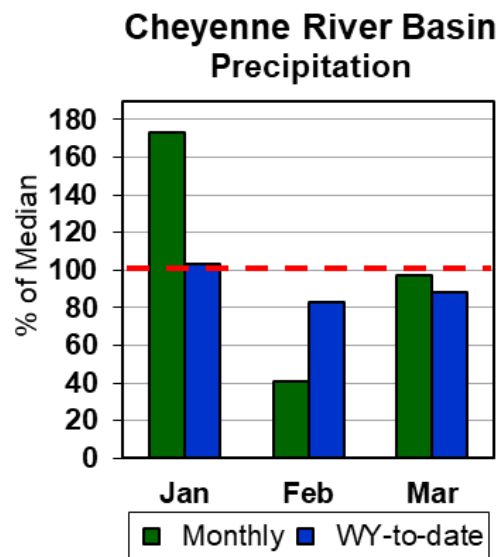
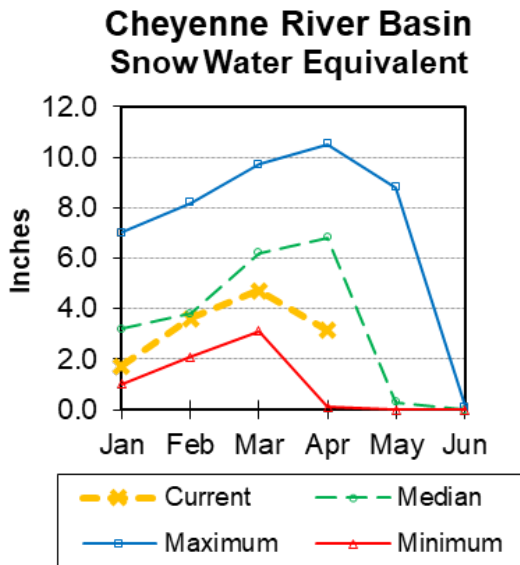
There are no streamflow forecast points for the basin.

Cheyenne River Basin



Snow

Currently SWE for sites in the Cheyenne River Basin are at 46% of median. *See Appendix at the end of this report for a detailed listing.*



Precipitation

Precipitation for last month was 97% of median. Year-to-date precipitation is 88% of median.

Reservoirs

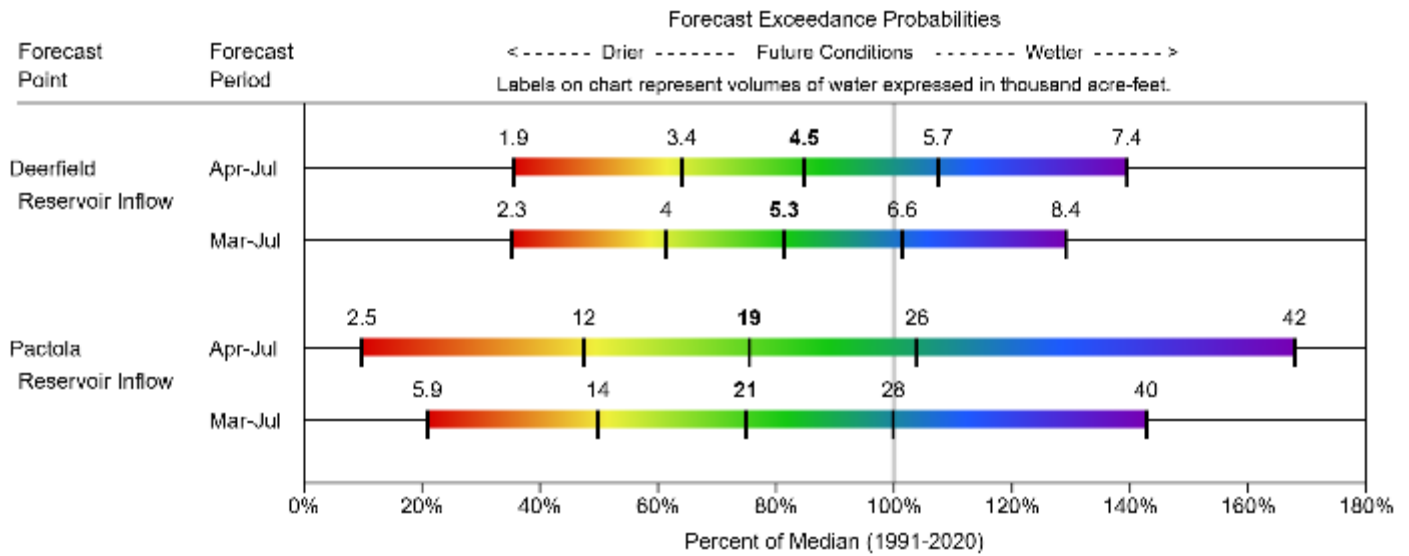
Combined storage for the 3 reservoirs in the basin is at 84% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Deerfield	15.0	14.8	14.9	15.2	99%	98%	98%	101%	100%
Pactola	46.5	52.1	53.8	55.0	84%	95%	98%	86%	97%
Angostura	86.0	105.3	107.5	122.1	70%	86%	88%	80%	98%
Basin Index					77%	90%	92%	84%	98%
# of reservoirs					3	3	3	3	3

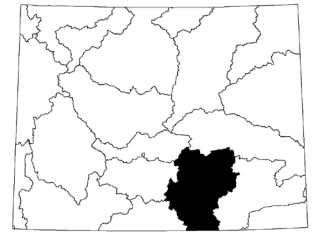
Streamflow

The 50% exceedance forecasts for the April through July period are below normal. The Deerfield Reservoir Inflow yield is forecasted at 85% of median. Pactola Reservoir Inflow yield should be 76% of median. *See the following graph for detailed runoff volumes.*

CHEYENNE
Water Supply Forecasts
April 1, 2025



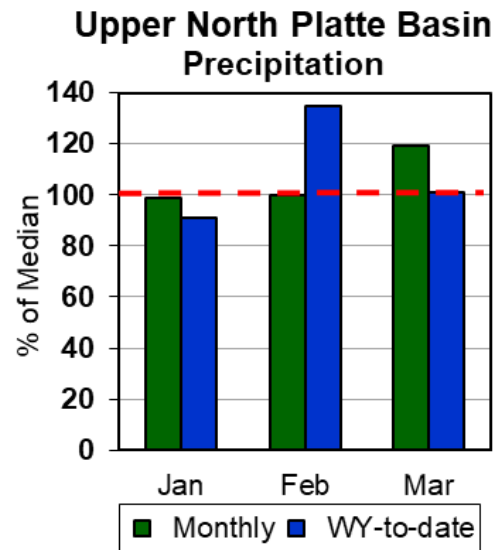
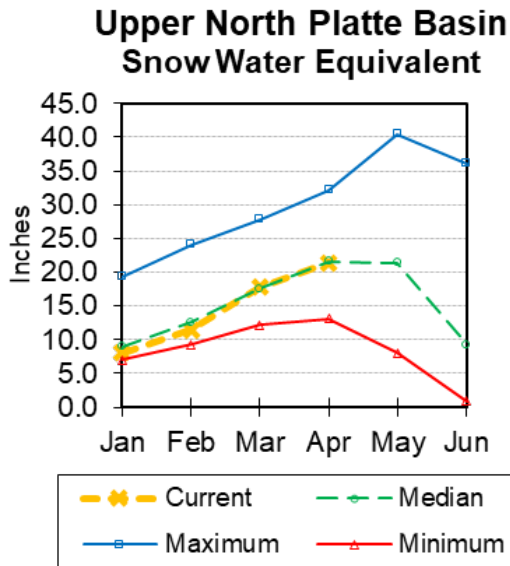
Upper North Platte River Basin



Snow

The Upper North Platte River basin SWE is 99% of median. North Platte above Northgate SWE is 102% of median. Encampment River SWE is 96% of median. Medicine Bow and Rock Creek SWE are 104% of median.

See Appendix at the end of this report for a detailed listing of snow course information.



Precipitation

Last month's precipitation was 119% of median. Total water-year-to-date precipitation is 101% of median.

Reservoirs

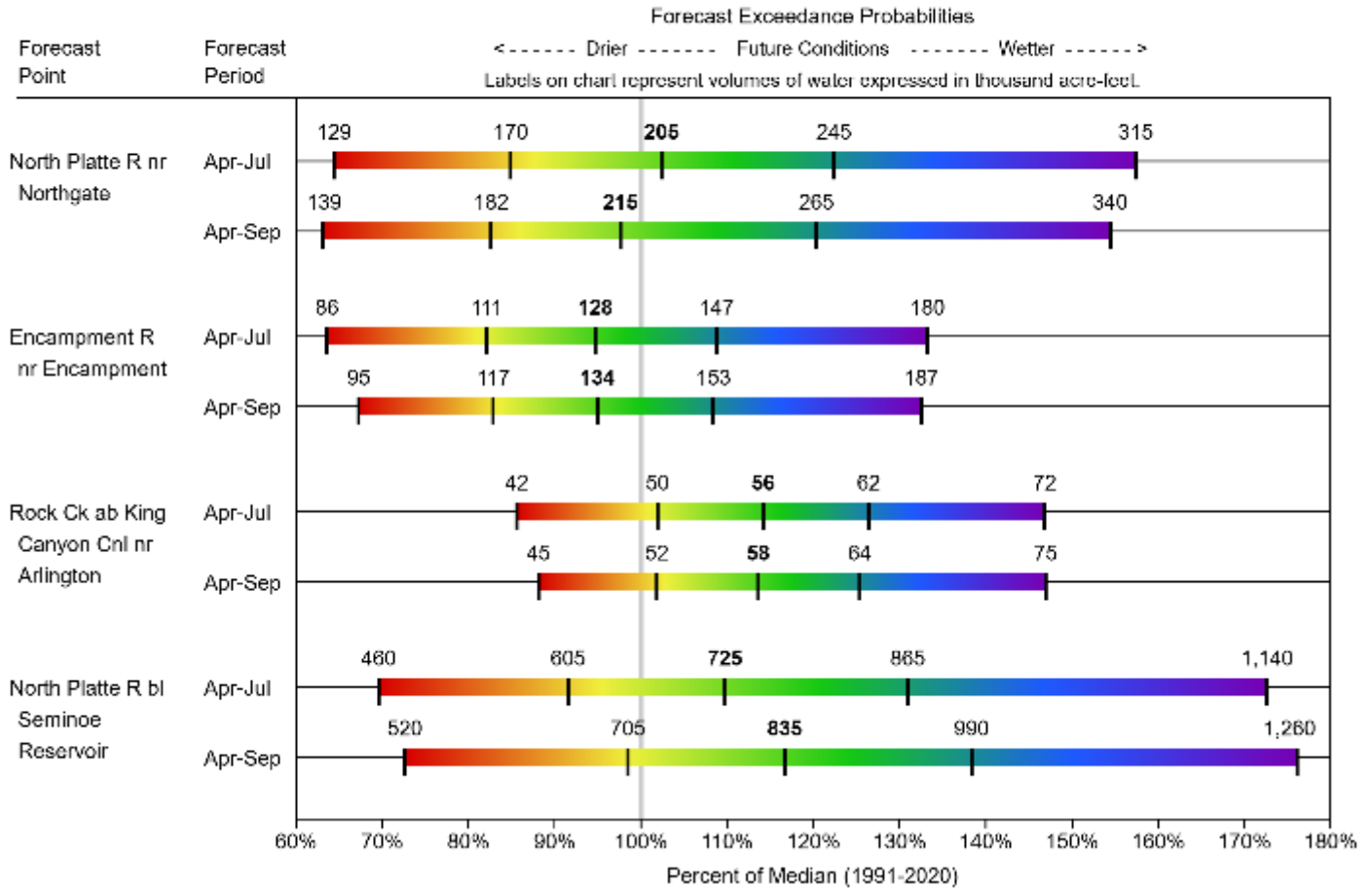
Combined storage for reservoirs in the Upper North Platte River Basin is at 93% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Seminole	498.1	645.4	589.8	1016.7	49%	63%	58%	84%	109%
Pathfinder	603.2	712.0	595.5	1016.5	59%	70%	59%	101%	120%
Basin Index					54%	67%	58%	93%	115%
# of reservoirs					2	2	2	2	2

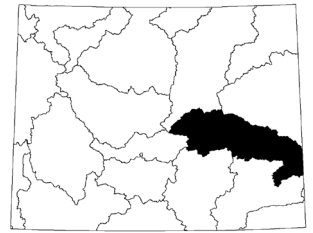
Streamflow

The 50% exceedance forecasts for the April through September period are about normal for the Upper North Platte River Basin. The yield for the North Platte River near Northgate will be around 98% of median. The Encampment River near Encampment yield will be about 95%. Rock Creek near Arlington yield will be around 114%. Seminole Reservoir inflow should be about 117% of median. *See the following page for more detailed information on projected runoff*

UPPER NORTH PLATTE
Water Supply Forecasts
April 1, 2025

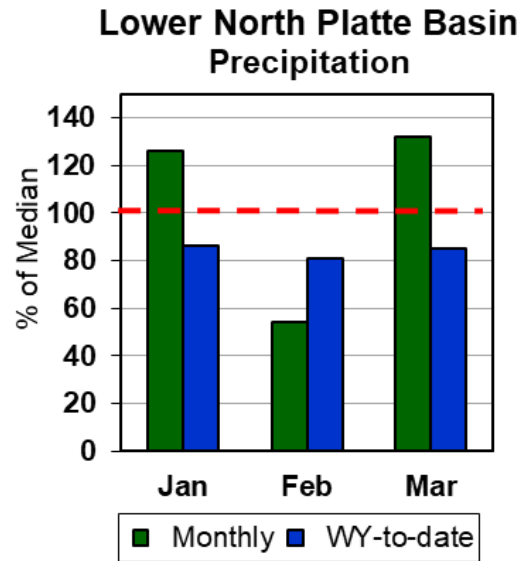
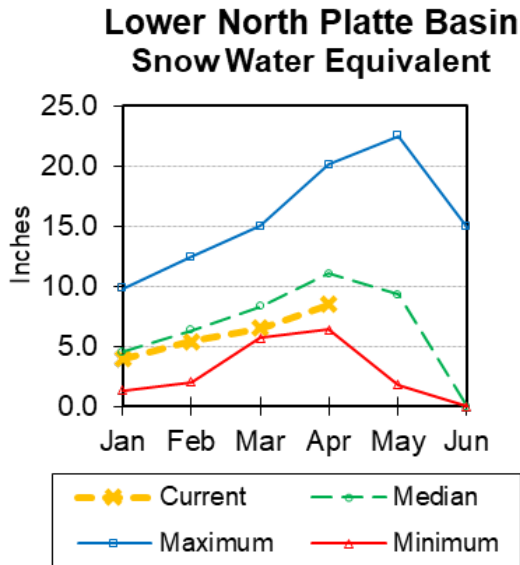


Lower North Platte River Basin



Snow

Currently, SWE in the Lower North Platte River Basin is 77% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 132% of median. The water year-to-date precipitation for the basin is currently 85% of median.

Reservoirs

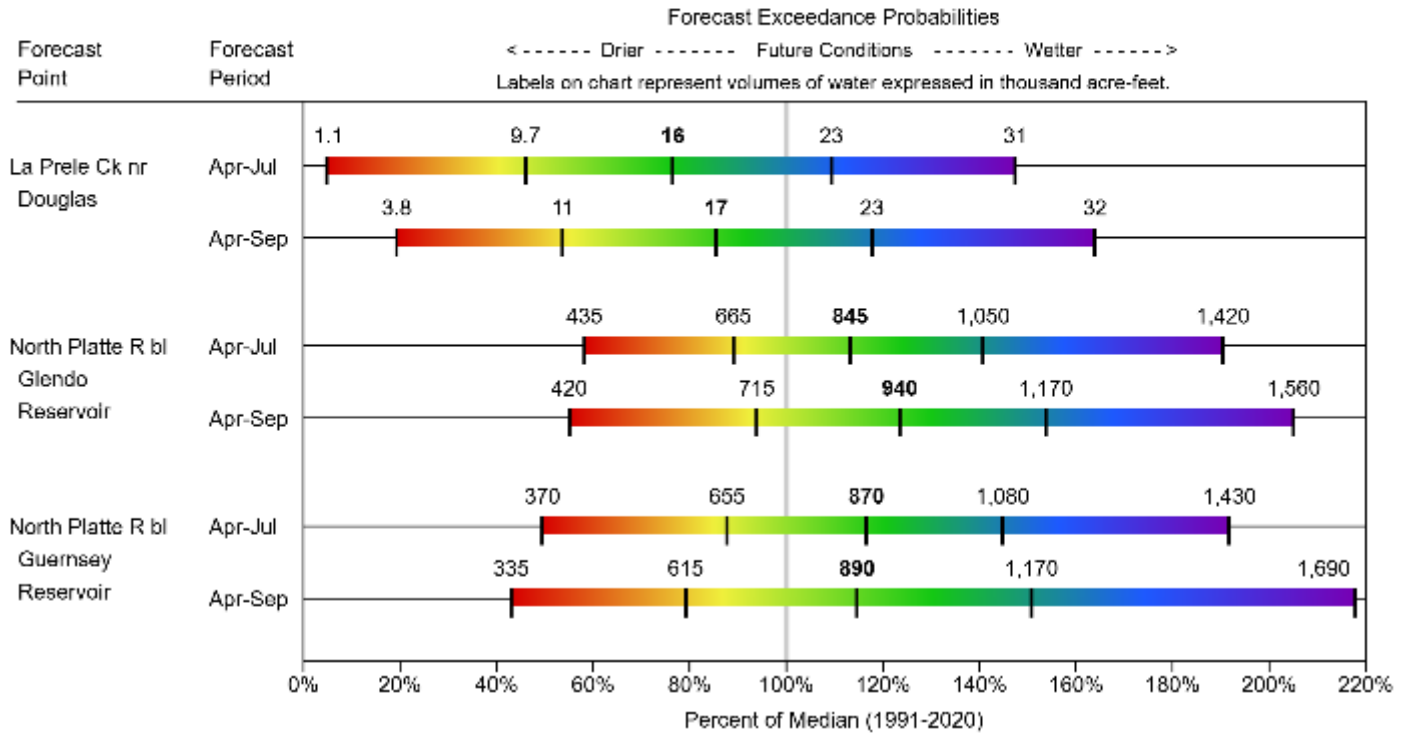
Combined storage for the 3 reservoirs in the basin is at 92% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Guernsey	10.7	21.7	18.6	45.6	24%	47%	41%	58%	116%
Glendo	339.0	379.5	375.2	506.4	67%	75%	74%	90%	101%
Alcova	157.8	157.5	157.7	184.3	86%	85%	86%	100%	100%
Basin Index					69%	76%	75%	92%	101%
# of reservoirs					3	3	3	3	3

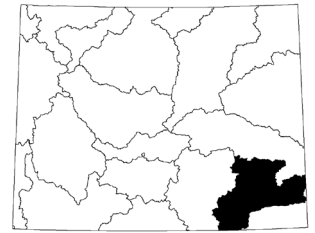
Streamflow

The 50% exceedance forecasts for the April through September period are above normal. LaPrele Creek near Douglas is forecasted to yield 86% of median. North Platte River below Guernsey Reservoir should yield around 115% of median. *See the following for more detailed information on projected runoff.*

LOWER NORTH PLATTE
Water Supply Forecasts
April 1, 2025

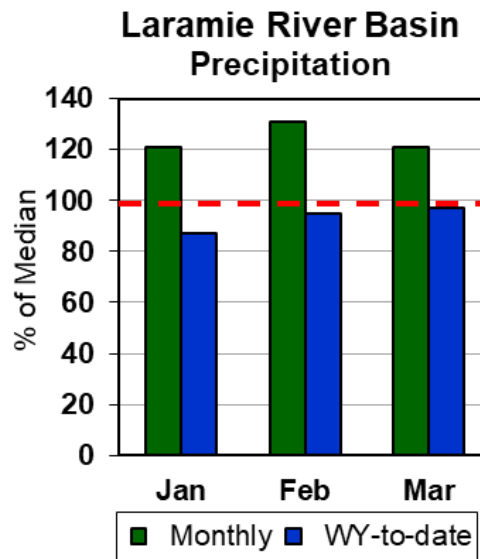
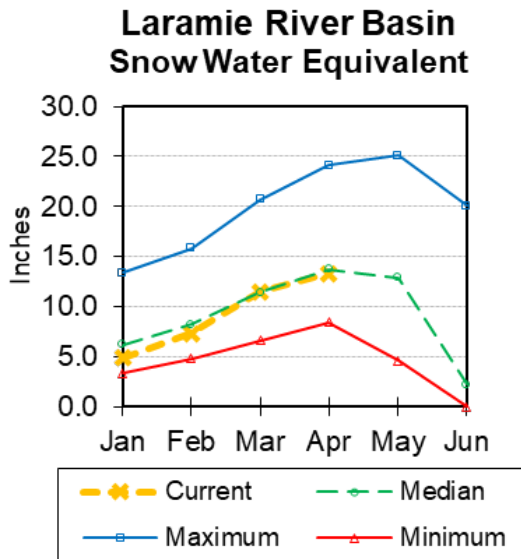


Laramie River Basin



Snow

SWE for the entire Laramie River Basin (above mouth entering North Platte) is 96% of median. SWE for the Laramie River above Laramie is 102% of median. SWE for the Little Laramie River is 99% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 121% of median. The water year-to-date precipitation for the basin is currently 97% of median.

Reservoirs

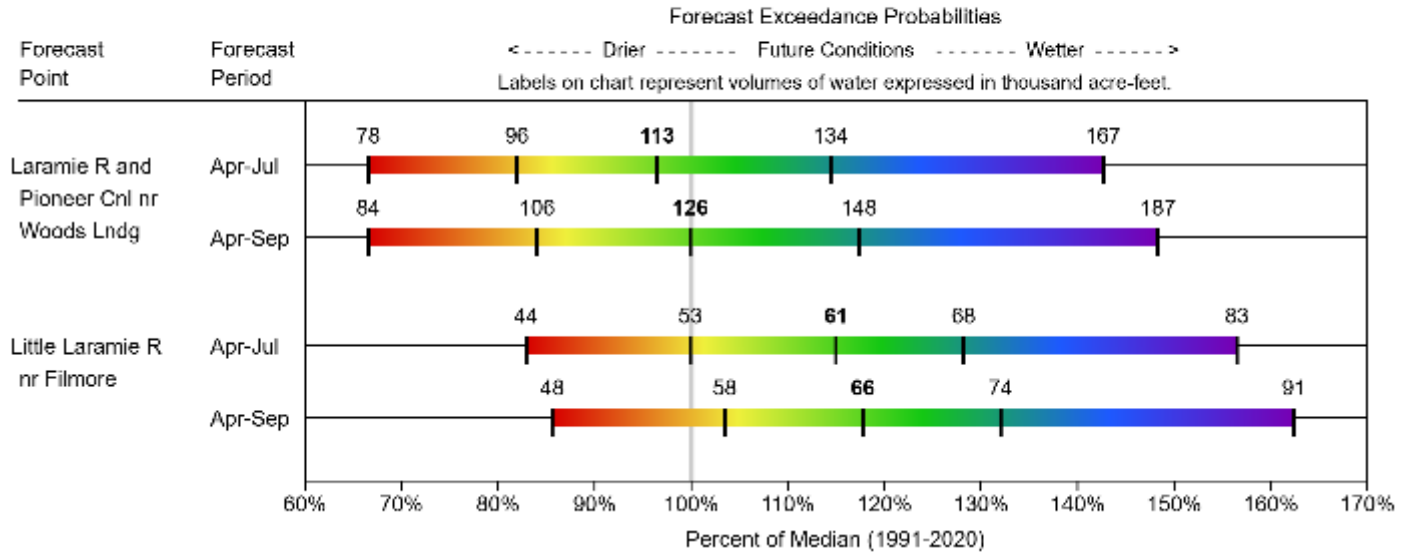
The storage for the reservoir in this basin is at 57% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Wheatland #2	32.5	71.1	57.4	98.9	33%	72%	58%	57%	124%
Basin Index					33%	72%	58%	57%	124%
# of reservoirs					1	1	1	1	1

Streamflow

The 50% exceedance forecasts for the April through September period are above normal. Laramie River near Woods Landing is forecasted to yield around 100% of median. The Little Laramie near Filmore should produce about 118% of median. *See the following graph for detailed runoff volumes.*

LARAMIE
Water Supply Forecasts
April 1, 2025

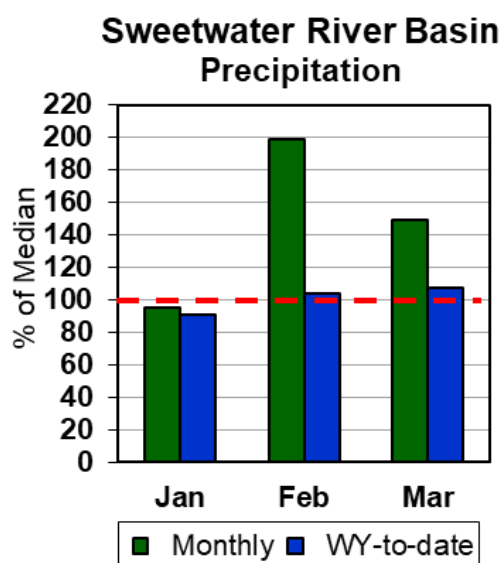
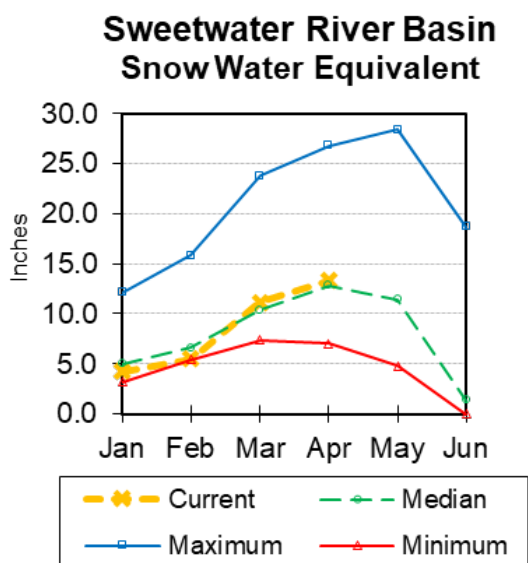


Sweetwater River Basin



Snow

Sweetwater River Basin SWE is at 104% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 149% of median. The water year-to-date precipitation for the basin is currently 107% of median.

Reservoirs

No reservoir data for the basin.

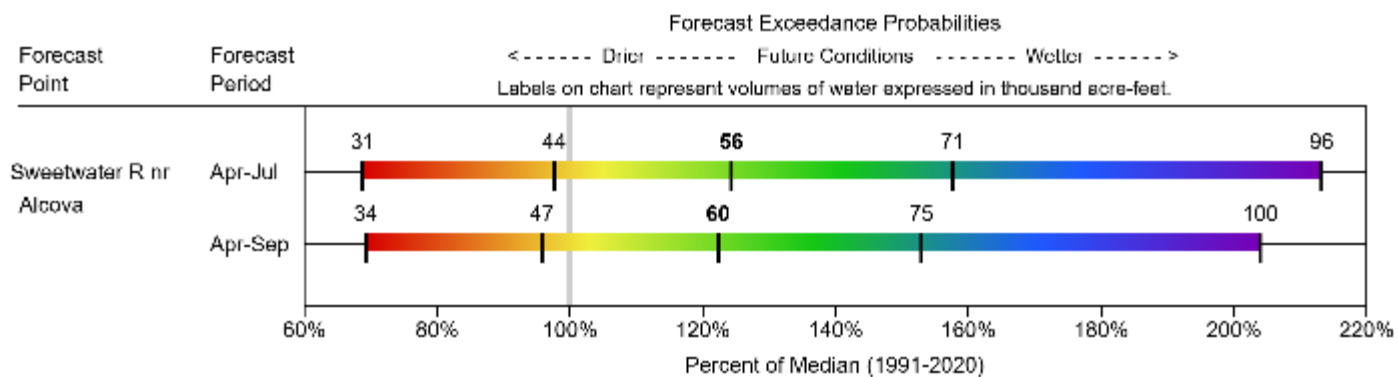
Streamflow

The 50% exceedance forecasts for the April through September period in the Sweetwater Basin is above normal. The Sweetwater River near Alcova will yield about 122% of median. *See below for detailed information on projected runoff.*

SWEETWATER

Water Supply Forecasts

April 1, 2025

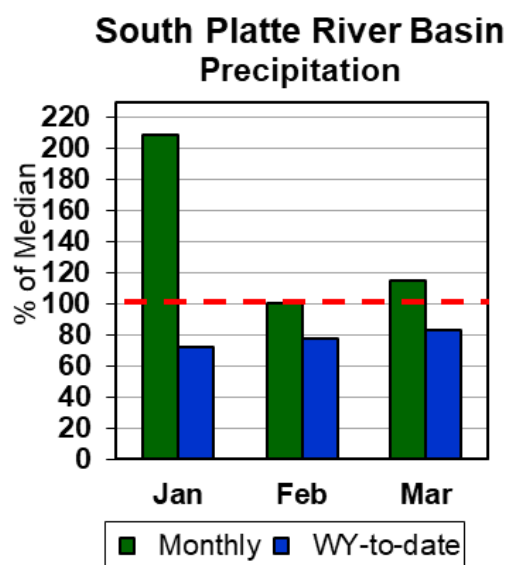
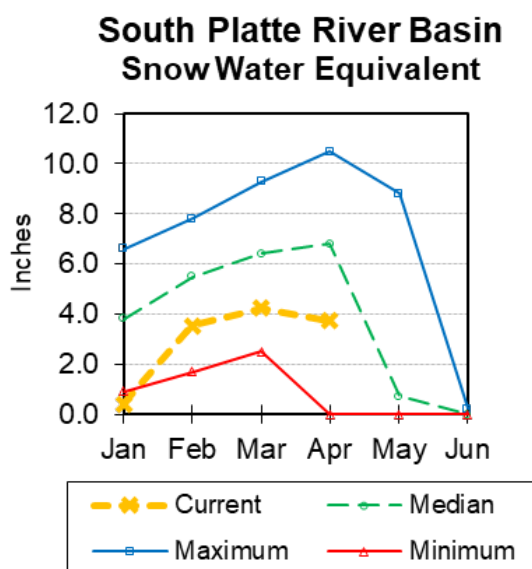


South Platte River Basin (WY)



Snow

The median SWE for sites in the South Platte River Basin is 55% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 115% of median. The water year-to-date precipitation for the basin is currently 83% of median.

Reservoirs

No reservoir data for the basin.

Streamflow

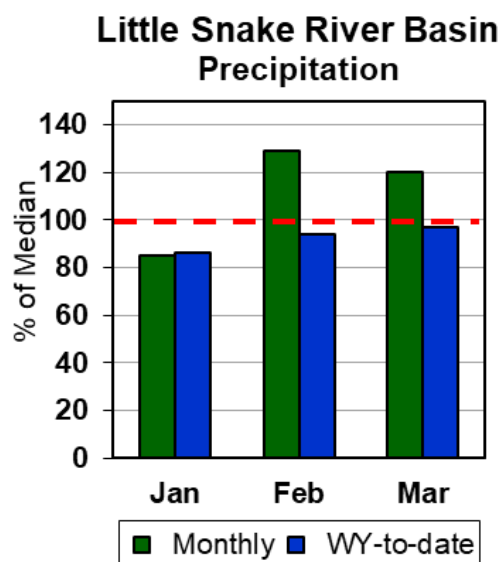
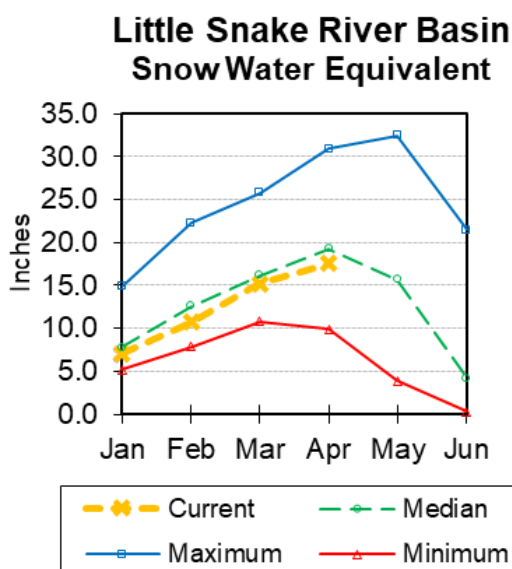
There are no streamflow forecast points for the basin.

Little Snake River Basin



Snow

Little Snake River drainage SWE is 91% of median. See *Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Precipitation across the basin was 120% of median. The Little Snake River Basin water-year-to-date precipitation is currently 97% of median.

Reservoirs

The storage for the reservoir in this basin is at 110% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
High Savery Res	12.8	19.7	11.7	22.4	57%	88%	52%	110%	168%
Basin Index					57%	88%	52%	110%	168%
# of reservoirs					1	1	1	1	1

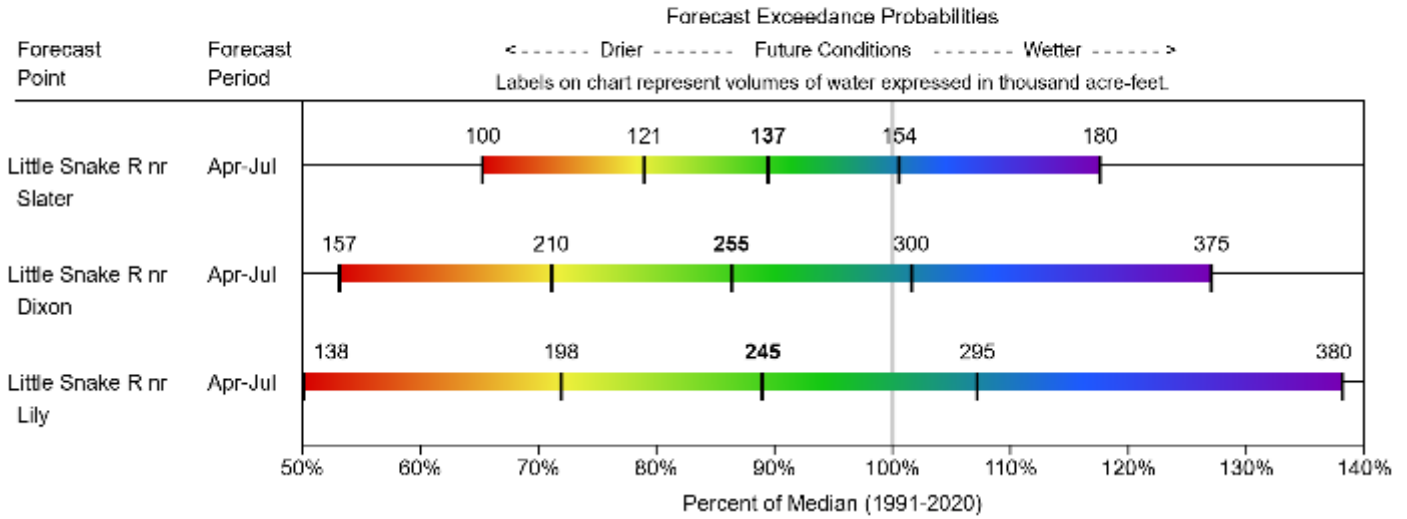
Streamflow

The 50% exceedance forecasts for the April through July period is near normal. The Little Snake River near Slater is forecasted to yield around 90% of median. *See below for detailed information on projected runoff.*

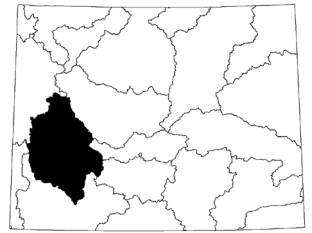
LITTLE SNAKE

Water Supply Forecasts

April 1, 2025

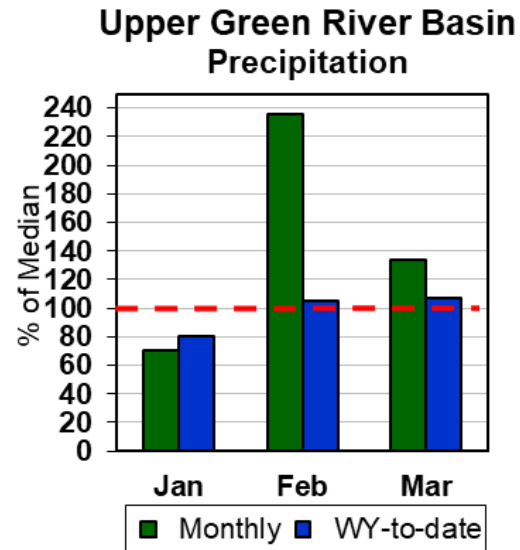
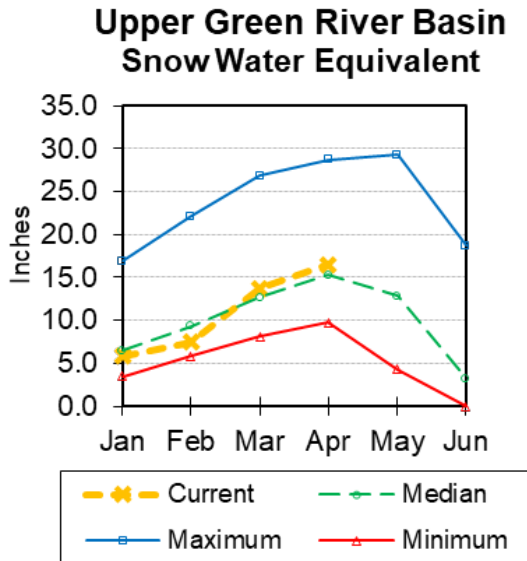


Upper Green River Basin



Snow

The Upper Green River Basin SWE (above Fontenelle Reservoir) is 108% of median. Green River Basin above Warren Bridge SWE is 104% of median. West Side of Upper Green River Basin SWE is 117% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Precipitation for sites in the basin was 134% of median last month. Water year-to-date precipitation is 107% of median.

Reservoir

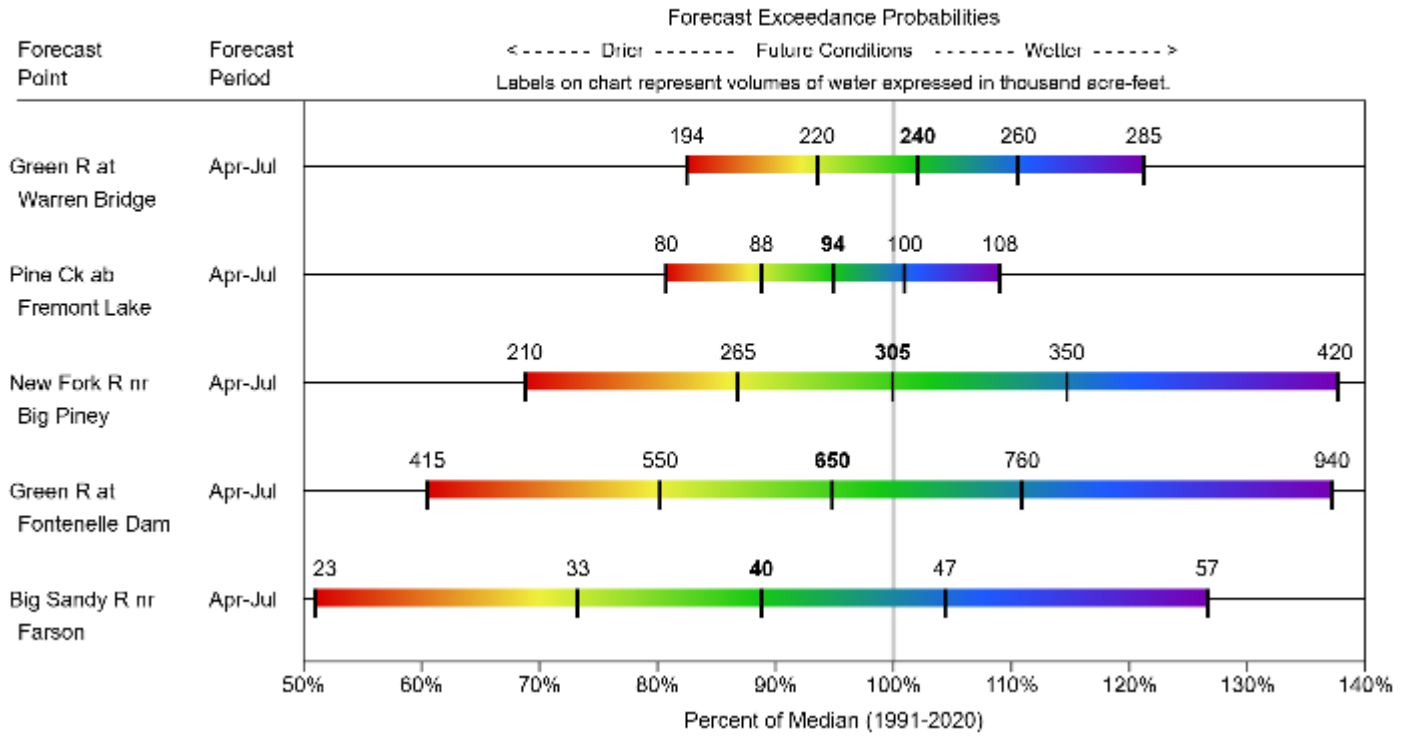
Combined water storage in the basin was at 106% of median for the 3 reservoirs.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Big Sandy	26.9	41.7	20.6	38.3	70%	109%	54%	131%	202%
Eden	6.2	8.8	5.1	11.8	52%	75%	43%	120%	173%
Fontenelle	125.4	103.8	122.9	344.8	36%	30%	36%	102%	84%
Basin Index					40%	38%	37%	107%	104%
# of reservoirs					3	3	3	3	3

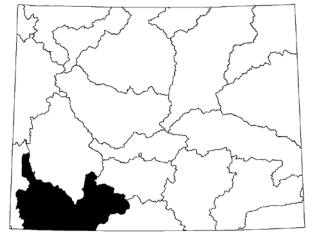
Streamflow

The 50% exceedance forecasts for the April through July period will be near normal. The yield on the Green River at Warren Bridge is about 102% of median. New Fork River near Big Piney yield will be around 100% of median. Green River at Fontenelle Dam is estimated to be about 95% of median. *See the following for a more detailed forecast.*

UPPER GREEN
Water Supply Forecasts
April 1, 2025



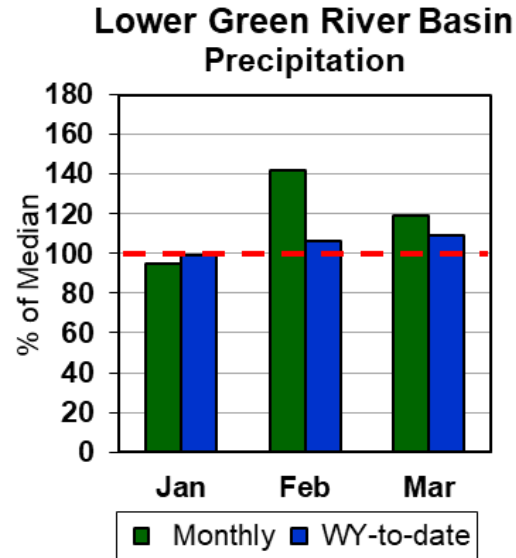
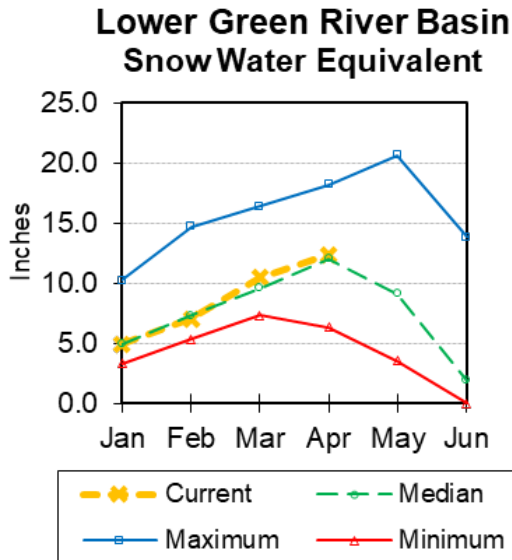
Lower Green River Basin



Snow

Lower Green River Basin SWE is at 103% of median. Hams Fork drainage SWE is 110% of median. Blacks-Smiths Forks drainage SWE is 102% of median.

See Appendix at the end of this report for a detailed listing of snow course information.



Precipitation

Precipitation for the basin last month was 119% of median. The basin year-to-date precipitation is currently 109% of median.

Reservoirs

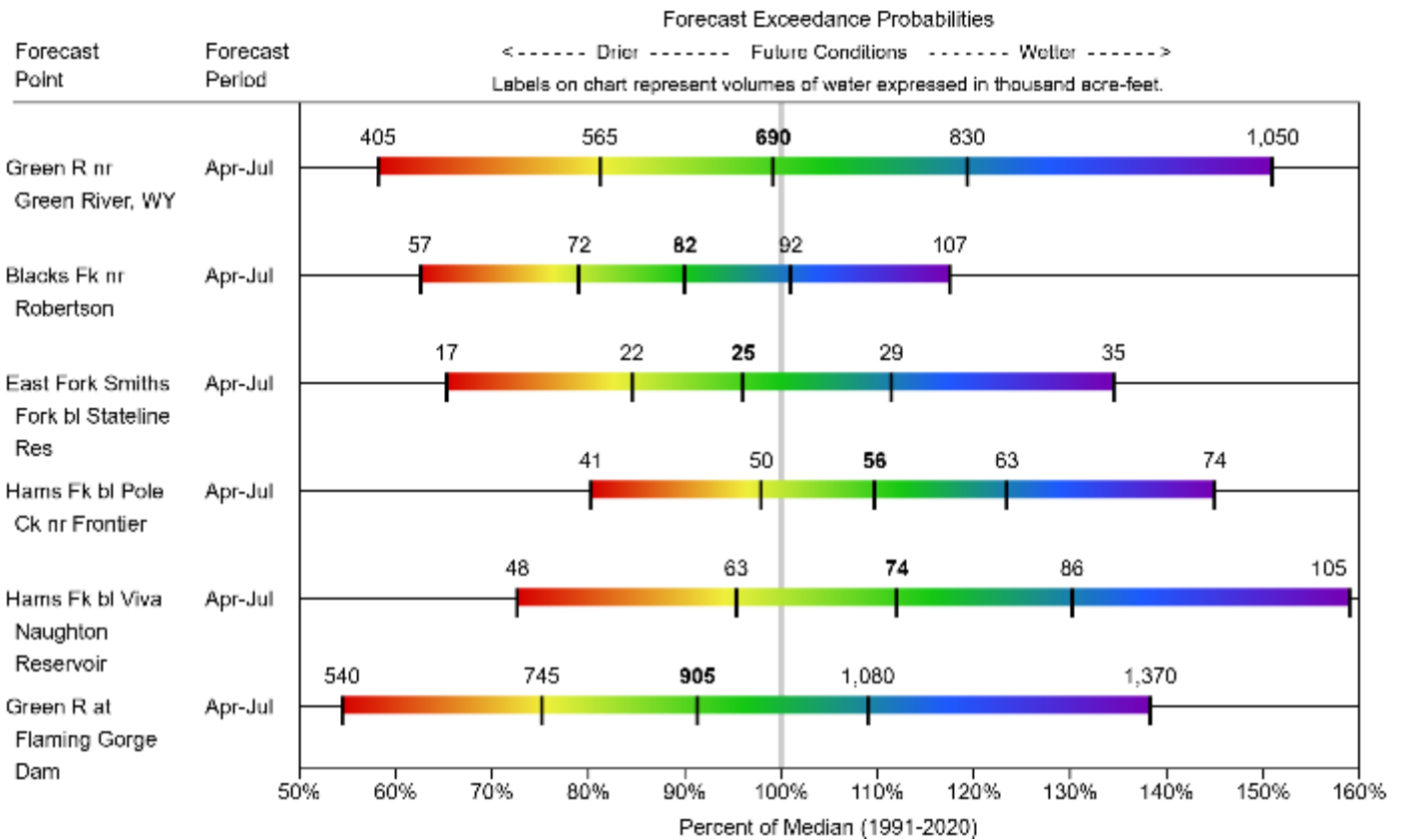
Combined storage for the 4 reservoirs in the basin was at 99% of median at the end of last month.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Viva Naughton Res	30.1	34.1	28.5	42.4	71%	81%	67%	106%	120%
Stateline Reservoir	4.3	8.6	5.7	12.0	36%	72%	48%	76%	152%
Flaming Gorge Res	3132.9	3155.3	3162.0	3749.0	84%	84%	84%	99%	100%
Meeks Cabin Res	9.6	19.6	12.0	32.5	29%	60%	37%	80%	163%
Basin Index					83%	84%	84%	99%	100%
# of reservoirs					4	4	4	4	4

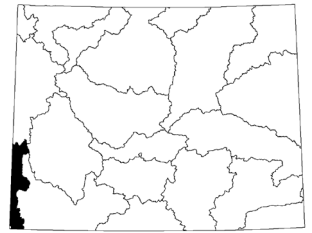
Streamflow

The following are the 50% exceedance forecasts for the April through July period is about normal. The Green River near Green River will yield about 99% of median. The Flaming Gorge Reservoir inflow will be about 91% of median. *See the following page for more detailed information on projected runoff.*

LOWER GREEN
Water Supply Forecasts
April 1, 2025



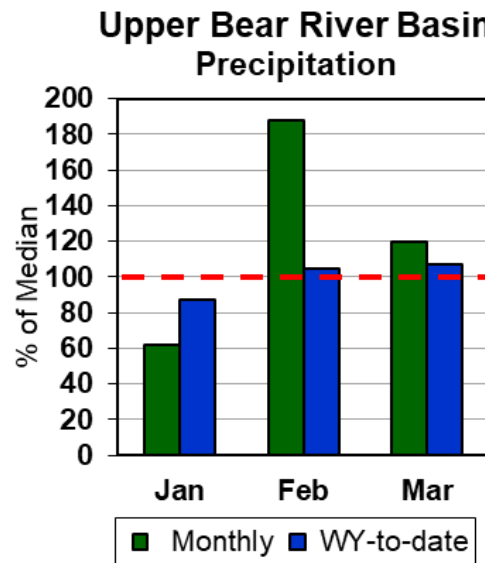
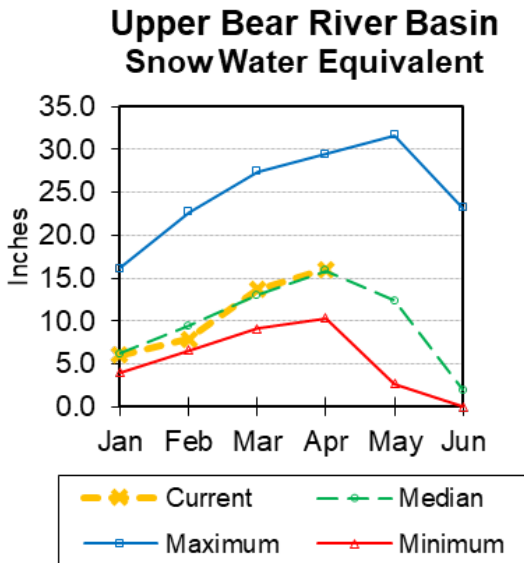
Upper Bear River Basin



Snow

SWE in the Upper Bear River Basin of Utah is 101% of median. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is 111% of median.

See Appendix at the end of this report for a detailed listing of snow course information.



Precipitation

Precipitation for last month was 120% of median in the basin. The year-to-date precipitation for the basin is 107% of median.

Reservoirs

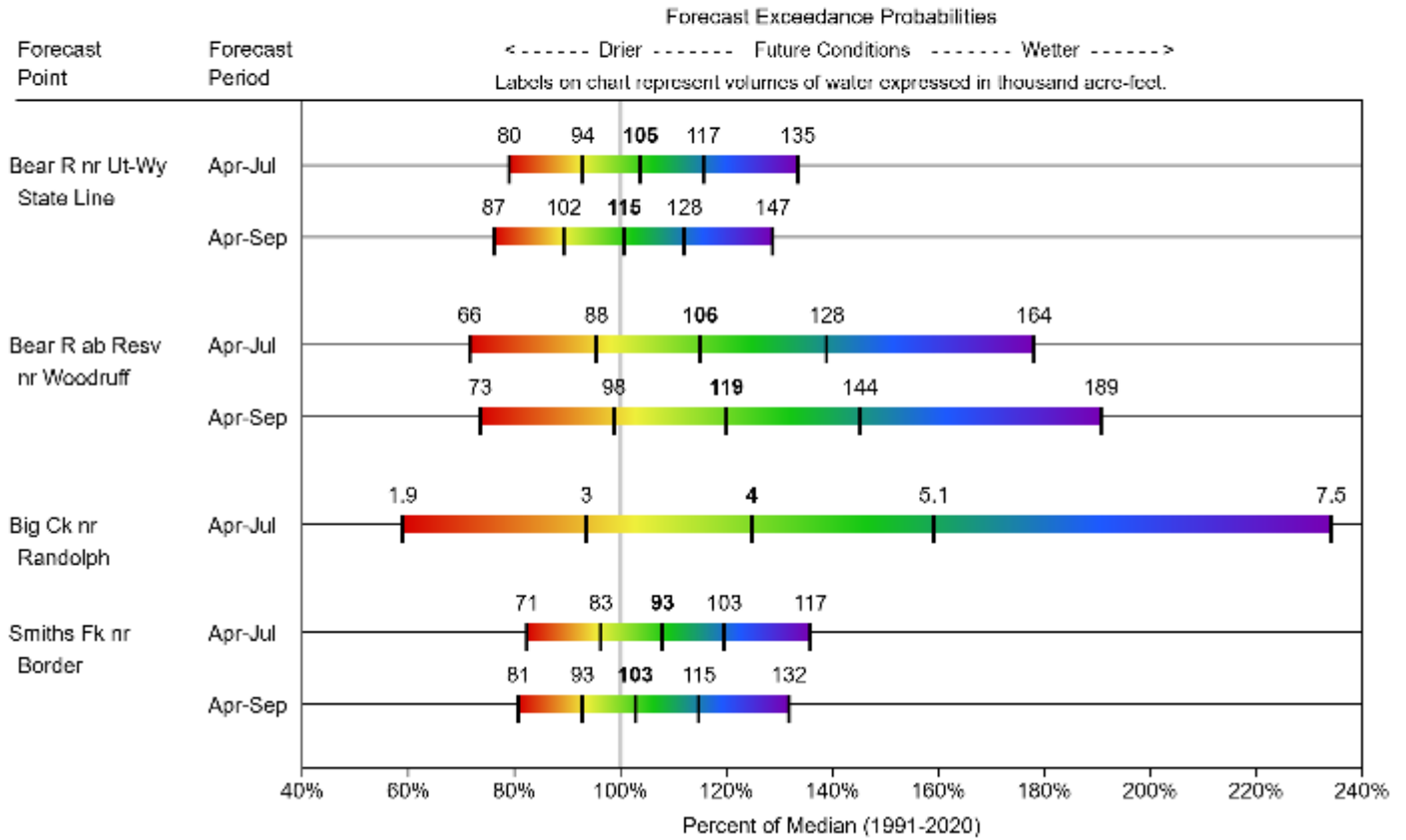
Combined reservoir storage in this basin is at 86% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Woodruff Creek	2.3	3.5	3.8	4.0	58%	88%	95%	61%	92%
Woodruff Narrows Res	43.7	48.8	49.8	57.3	76%	85%	87%	88%	98%
Basin Index					75%	85%	87%	86%	98%
# of reservoirs					2	2	2	2	2

Streamflow

The 50% exceedance forecasts for the April through September period are above normal. The Bear River above Reservoir near Woodruff should yield around 120% of median. For April to July the Smiths Fork River near Border Jct. will yield around 108%. *See the following page for more detailed information on projected runoff.*

UPPER BEAR
Water Supply Forecasts
April 1, 2025



Appendix

MEDIAN INFORMATION

Transitioning from 1981 – 2010 **Averages** to 1991 – 2020 **Medians**

Starting January 2022, the NRCS will use the 30-year **median** as the official normal for snowpack (SWE), precipitation, reservoir storage, and streamflow calculations. The National Water and Climate Center (NWCC) will continue to publish and distribute 30-year averages for alternate normal calculations.

The 30-yr reference period for median and normal calculations has also been recently updated from 1981-2010 to 1991-2020.

Please refer to this NWCC website or more information about the significant changes in data and forecast computations:

<https://www.nrcs.usda.gov/wps/portal/wcc/home/snowClimateMonitoring/30YearNormals/>

Topics include:

- **1991 – 2020 Median/Averages Overview**
- **Calculation Methods**
- **Differences Between 1991-2020 and Previous Normals**
- **Median vs. Average**
- **Retrieving 1991-2020 Normals**

For specific seasonal streamflow normal comparisons for NRCS forecasted stations, please refer to:

https://www.wcc.nrcs.usda.gov/ftpref/support/srvo_norms_comps/

LINKS (for more information/graphics)

National Water Climate Center (NWCC)

- Interactive maps featuring current conditions of snow, precipitation, reservoir storages:

<https://www.nrcs.usda.gov/wps/portal/wcc/home/quicklinks/predefinedMaps/>

Water Resources Data System and State Climate Office (WRDS)

- Clearinghouse of hydrological and climatological data for the State of Wyoming:

<http://www.wrds.uwyo.edu/>

USGS WaterWatch

- Tools and products to monitor streamflow, runoff, drought, and floods:

<https://waterwatch.usgs.gov/index.php>

Appendix - Snowpack Data

In Word double click the object below to view entire document

Appendix - Precipitation Data

In Word double click the object below to view entire document

Appendix - Streamflow Data

In Word double click the object below to view entire document

Wyoming Basin Outlook Report

Natural Resources Conservation Service

Casper, Wyoming

Issued by:

Aubrey Bettencourt (Chief)
U.S.D.A.
Natural Resources Conservation Service
Washington D.C.

Released by:

Jackie Byam
State Conservationist
N R C S
Casper, Wyoming

The Following Agencies and Organizations Cooperate with the Natural Resources Conservation Service with Snow Surveys and/or with Data:

FEDERAL:

United States Department of the Interior (National Park Service)

United States Department of the Interior (Bureau of Reclamation)

United States Department of Agriculture (Forest Service)

United States Department of Commerce NOAA (National Weather Service)

STATE:

The Wyoming State Engineer's Office

The University of Wyoming

LOCAL:

The City of Cheyenne