

Wyoming Basin & Water Supply Outlook Report

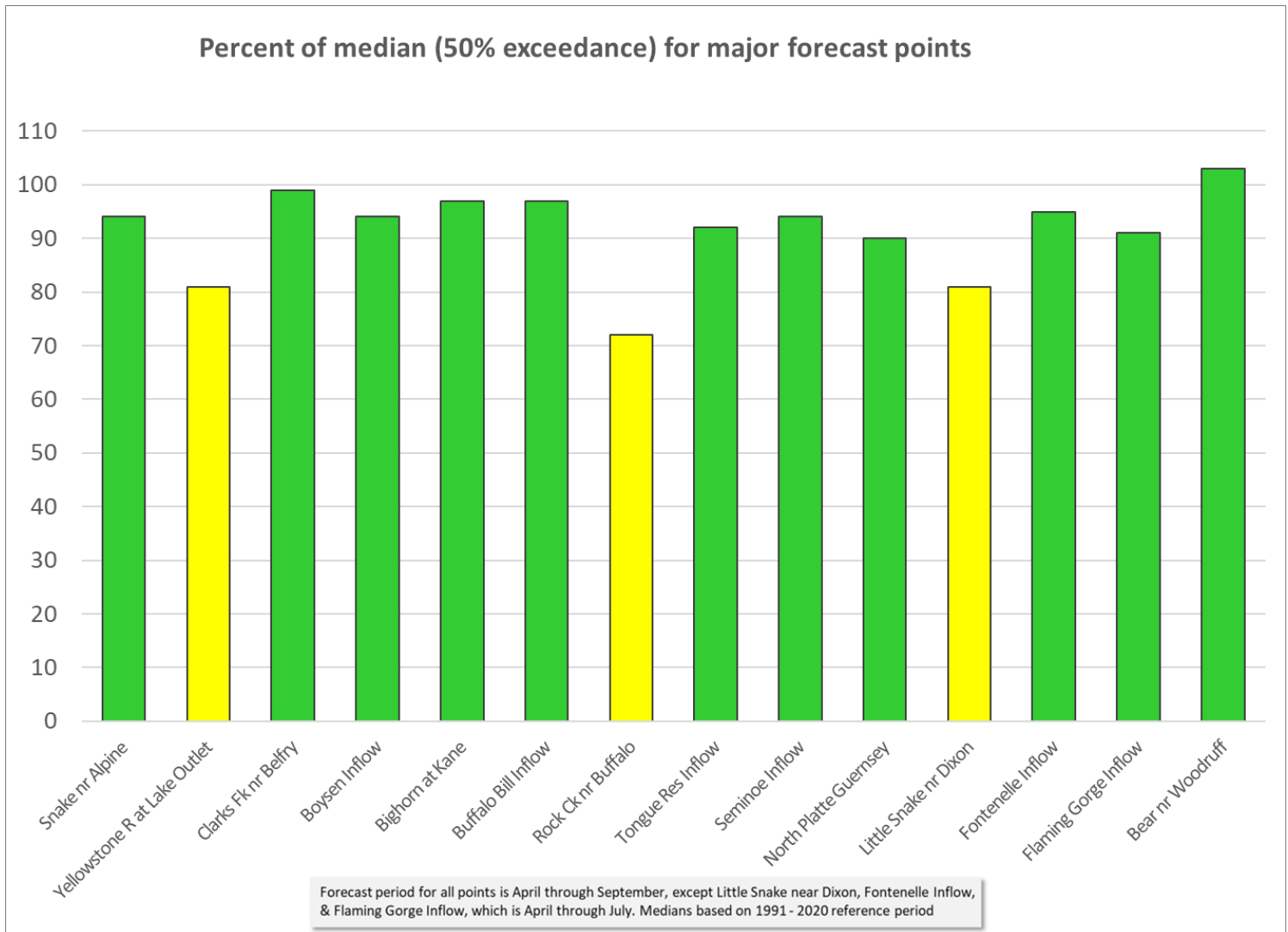
March 1, 2025

**Natural
Resources
Conservation
Service**



Wyoming Surveyor Equipment, photo credit USDA-NRCS Wyoming 2/1/1979

Forecasted stream flows for March 1st, 2025



Fifty percent exceedance probability for 11 out of 14 major forecast points above are expected to be near normal. Only Yellowstone Reservoir at the lake outlet, 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 103% of normal.

Basin Outlook Reports

And

Federal - State - Private Cooperative Snow Surveys

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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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Wyoming Basin & Water Supply Outlook Report

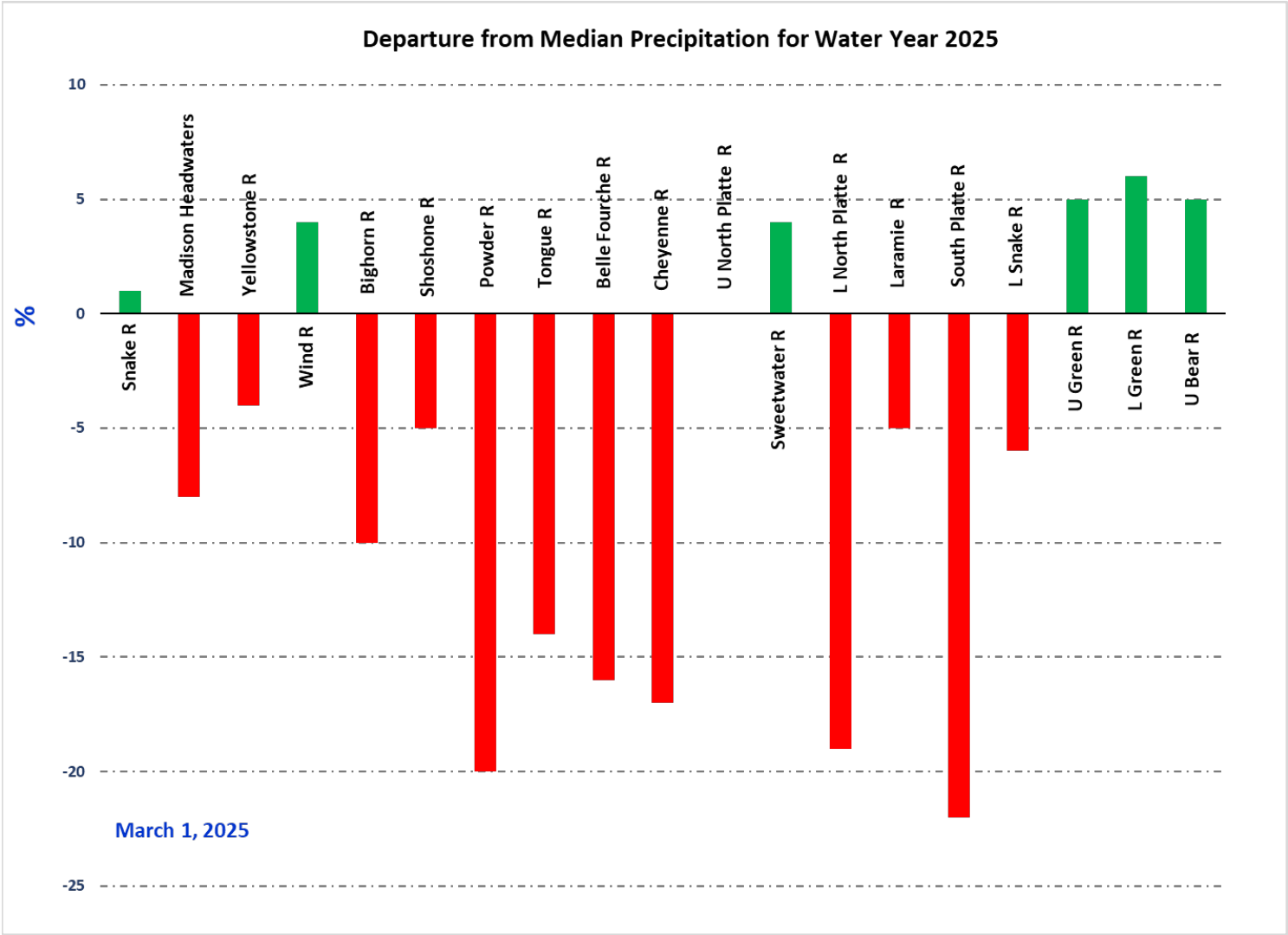
Snowpack

Snow water equivalent (SWE) across Wyoming for March 1st was at 94% of median. SWE in the Lower Green River Basin was the highest at 109% of median and lowest for the South Platte River Basin at 66% of median. On March 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 Upper Green Basin had the highest precipitation for the month at 203% of median. The Belle Fourche River Basin had the lowest precipitation amount for the month at 33% 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

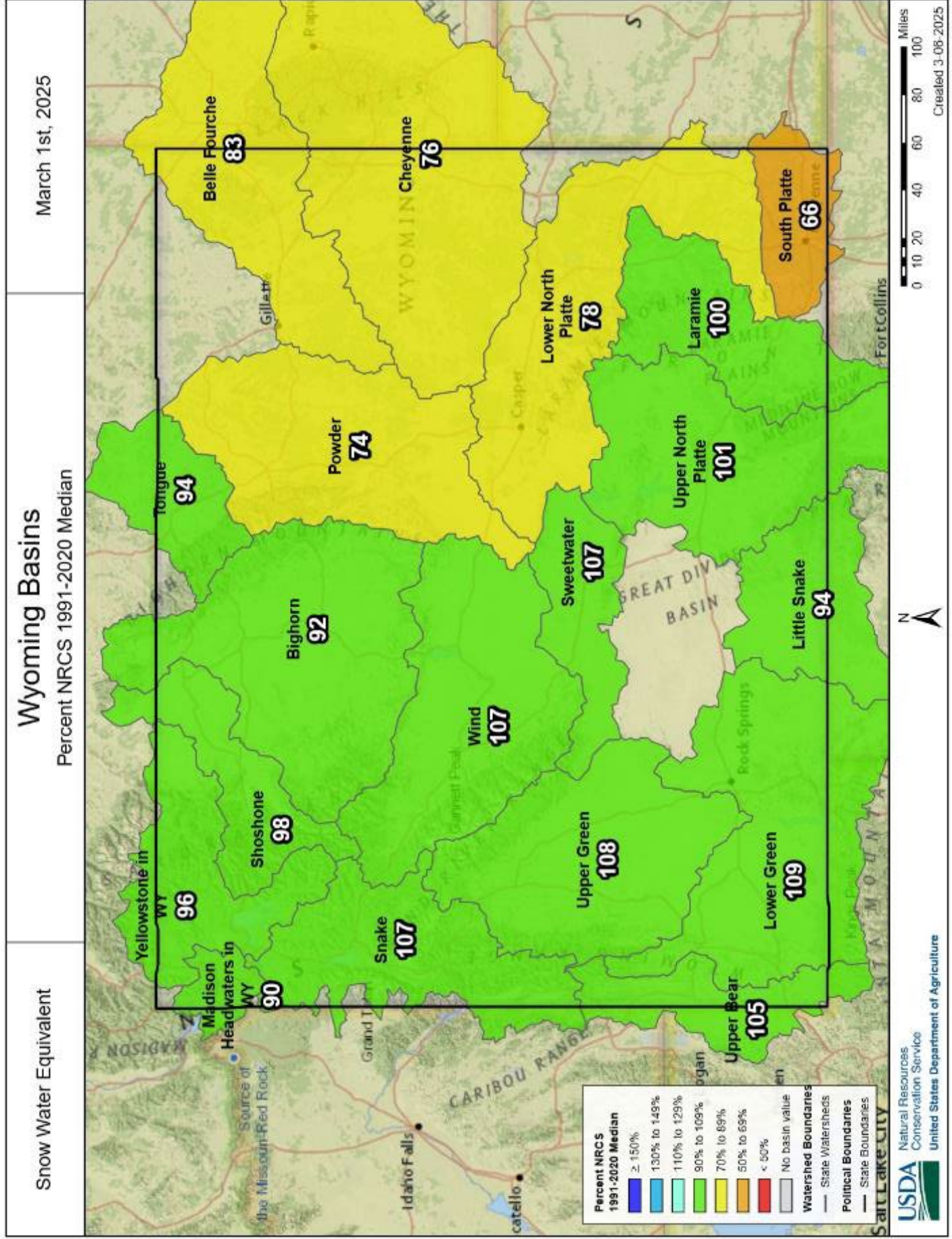
Forecast median streamflow yields for April thru September in Wyoming basins (except Upper Green, Lower Green, Little Snake and Cheyenne) average 96%. Forecast median stream flow yields for April thru July in Upper Green, Lower Green, Little Snake, and Cheyenne average 93%, 96%, 87%, and 82%. The Snake River and Yellowstone River in Wyoming, basins should yield about 98% and 90% of median. Yields from the Wind and Bighorn River basins should be about 102% and 92% of median. Yields from the Shoshone River basin should be 99% of median. Yields from the Powder and Tongue River basins should be about 82% and 87% of median. Yields for the Sweetwater, Upper North Platte, Lower North Platte, and Laramie Rivers of Wyoming should be about 110%, 95%, 91%, and 109% of median, respectively.

Reservoirs

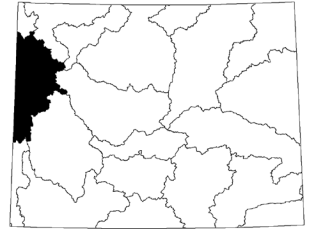
Reservoir storage was 87% of median across the entire state. Reservoirs in the Snake River basin are near median at 103%. Reservoirs in the Wind River basin are near median at 82%. Reservoirs on the Bighorn are 96% of median. The Buffalo Bill Reservoir on the Shoshone is near median at 85%. Reservoirs in the Belle Fourche and Cheyenne River basins are near median at 93% and 87% respectively. Reservoirs on the Upper and Lower North Platte River are above median at 94% and 90% respectively. Reservoirs on the Upper Green River are at 101% of median. Reservoirs on the Lower Green River are near median at 100%. *See below for further information.*

Wyoming Reservoir Levels

	Reservoir Storage Summary For the End of February 2025								
	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Alcova	157.4	156.9	156.6	184.3	85%	85%	85%	101%	100%
Angostura	82.6	102.2	98.1	122.1	68%	84%	80%	84%	104%
Belle Fourche	121.4	144.9	134.8	178.4	68%	81%	76%	90%	107%
Big Sandy	24.9	40.0	18.4	38.3	65%	104%	48%	135%	218%
Bighorn Lake	786.0	832.4	815.7	1356.0	58%	61%	60%	96%	102%
Boysen	472.1	581.9	547.6	596.0	79%	98%	92%	86%	106%
Buffalo Bill	374.2	477.6	441.9	646.6	58%	74%	68%	85%	108%
Bull Lake	35.5	71.3	80.9	151.8	23%	47%	53%	44%	88%
Deerfield	15.0	14.5	14.8	15.2	99%	96%	97%	102%	98%
Flaming Gorge Reservoir	3117.2	3106.6	3107.0	3749.0	83%	83%	83%	100%	100%
Fontenelle	125.6	127.2	131.1	344.8	36%	37%	38%	96%	97%
Glendo	282.9	333.8	320.8	506.4	56%	66%	63%	88%	104%
Grassy Lake	11.6	13.1	12.9	15.2	76%	86%	85%	90%	102%
Guernsey	3.6	17.7	15.8	45.6	8%	39%	35%	23%	112%
High Savary Reservoir	11.7	14.2	11.5	22.4	52%	63%	51%	102%	123%
Jackson Lake	649.6	613.8	626.4	847.0	77%	72%	74%	104%	98%
Keyhole	114.1	129.2	119.1	193.8	59%	67%	61%	96%	109%
Meeks Cabin Reservoir	8.4	18.3	10.8	32.5	26%	56%	33%	78%	170%
Pactola	46.1	52.0	52.8	55.0	84%	95%	96%	87%	99%
Pathfinder	609.1	715.4	579.7	1016.5	60%	70%	57%	105%	123%
Pilot Butte	25.6	24.8	25.1	31.6	81%	78%	79%	102%	99%
Seminole	475.0	636.4	579.6	1016.7	47%	63%	57%	82%	110%
Stateline Reservoir	4.2	8.3	5.7	12.0	35%	69%	48%	73%	146%
Tongue River Res	NA	50.2	43.9	79.1	NA	63%	55%	NA	114%
Viva Naughton Res	30.4	34.7	29.5	42.4	72%	82%	70%	103%	118%
Wheatland #2	26.8	54.0	48.8	98.9	27%	54%	49%	55%	111%
Woodruff Creek	2.2	2.5	2.4	4.0	54%	63%	60%	90%	104%
Woodruff Narrows Reservoir	39.7	48.8	38.4	57.3	69%	85%	67%	103%	127%



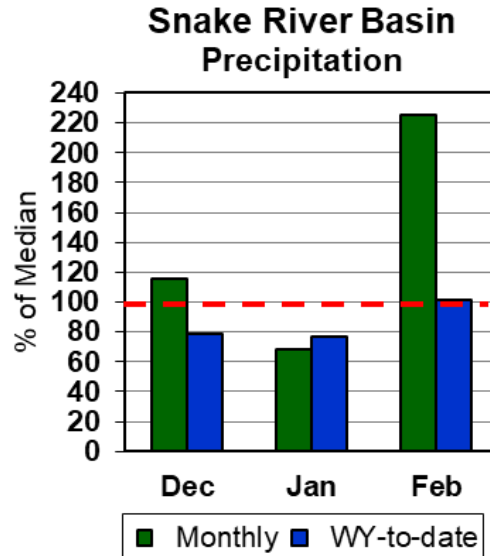
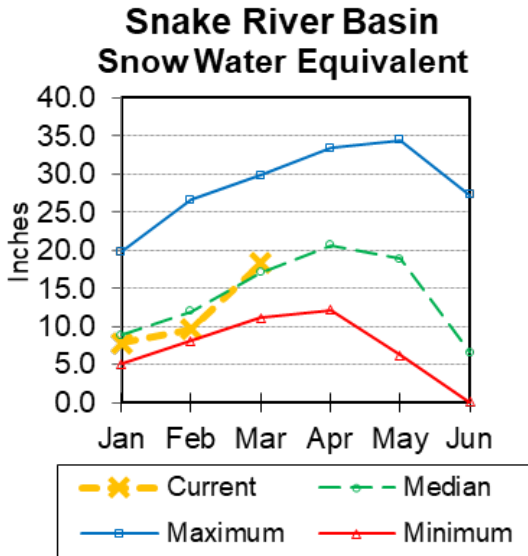
Snake River Basin



Snow

The overall Snake River basin SWE (portion above Palisades dam) is 107% of median. SWE in the Snake River Basin above Jackson Lake is 100% of median. Pacific Creek basin SWE is 102% of median. Buffalo Fork SWE is 102% of median. Gros Ventre River basin SWE is 107% of median. SWE in the Hoback River drainage is 109% of median. SWE in the Greys River drainage is 116% of median. Salt River Basin SWE is 118% 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 225% of median. Water-year-to-date precipitation is 101% of median.

Reservoirs

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

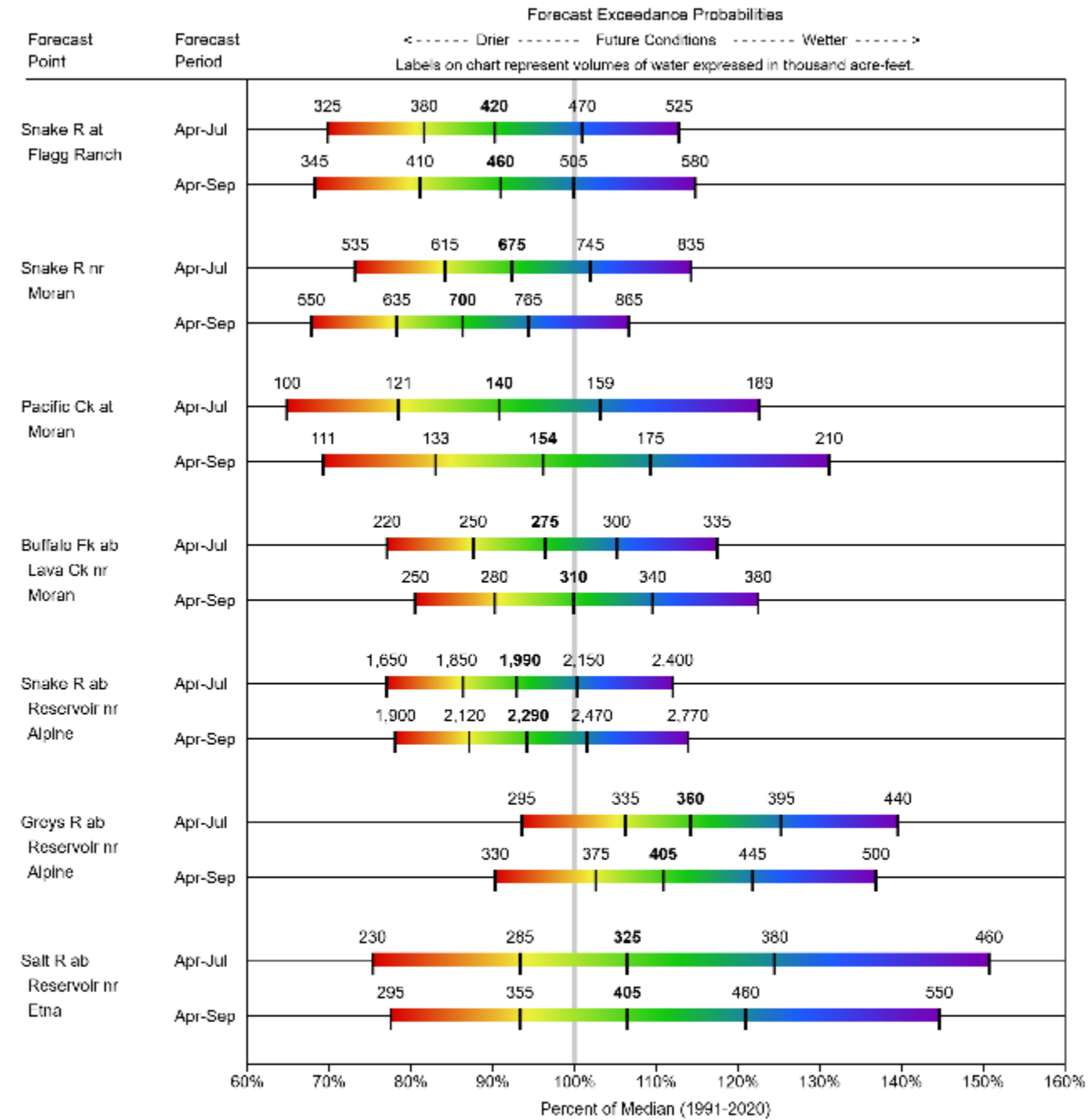
	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Grassy Lake	11.6	13.1	12.9	15.2	76%	86%	85%	90%	102%
Jackson Lake	649.6	613.8	626.4	847.0	77%	72%	74%	104%	98%
Basin Index					77%	73%	74%	103%	98%
# of reservoirs					2	2	2	2	2

Streamflow

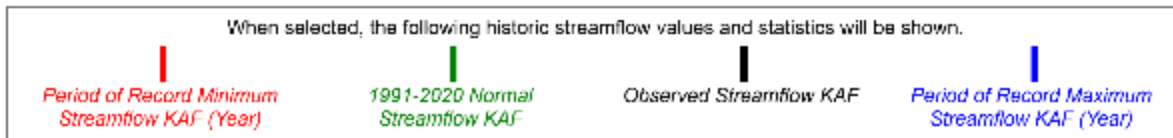
The 50% exceedance forecasts for April through September are near median for this basin. The Snake near Moran yield should be 86% of median. Snake River above reservoir near Alpine will yield about 94%. Pacific Creek near Moran yield will be around 96%. Buffalo Fork above Lava near Moran will be around 96% of median. Greys River above reservoir near Alpine should yield about 111%. Salt River near Etna yield will be about 107%.

See the following graph for further information.

SNAKE
Water Supply Forecasts
March 1, 2025



Legend



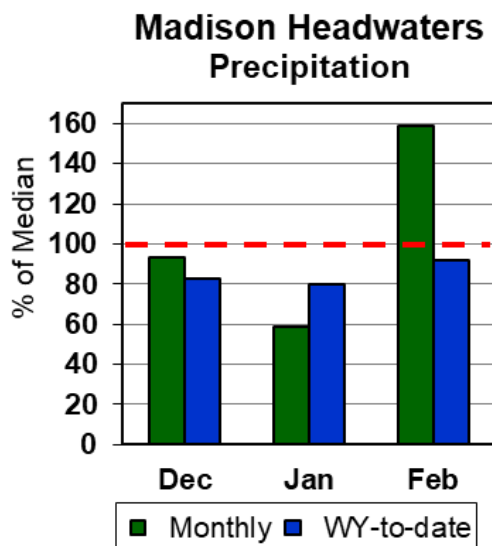
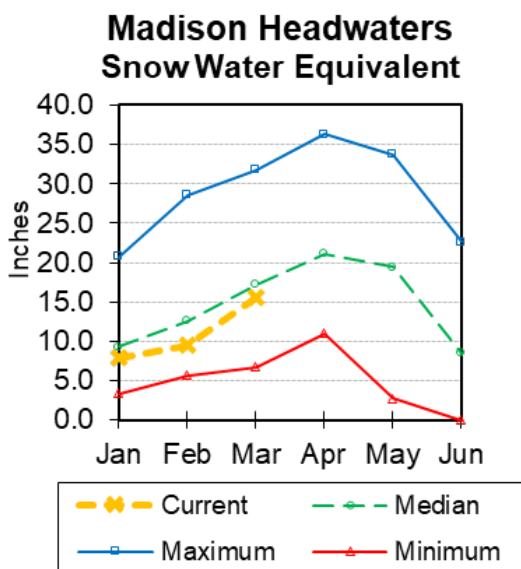
Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

Madison Headwaters in Wyoming



Snow

SWE is 90% 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 159% of median. Water-year-to-date precipitation is at 92% of median.

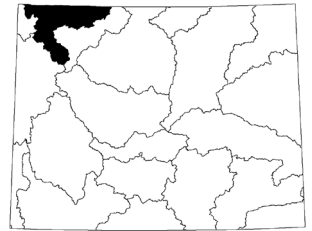
Reservoirs

No reservoir data.

Streamflow

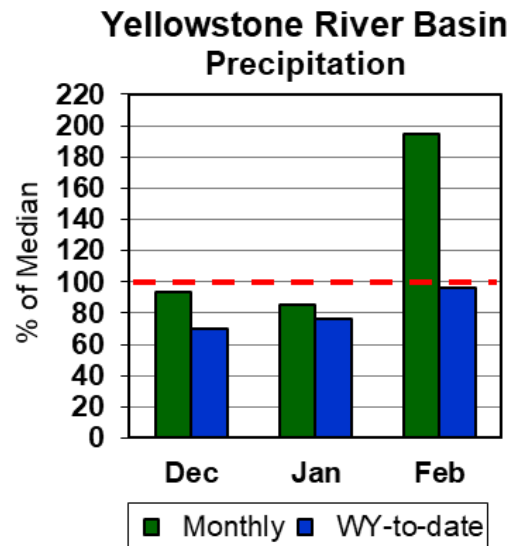
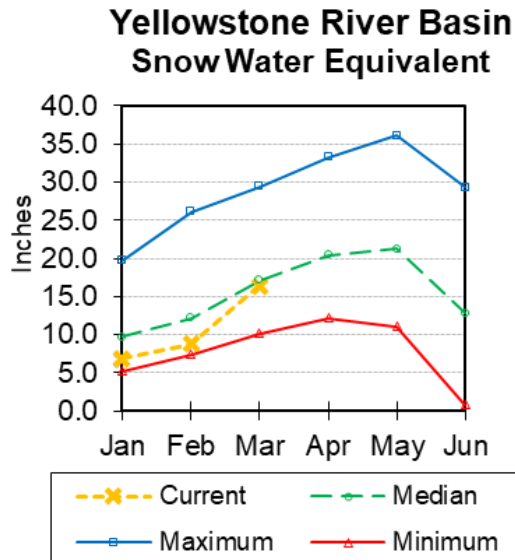
There are no streamflow forecast points for the basin.

Yellowstone River Basin



Snow

SWE in the Yellowstone River Basin is 96% of median. SWE in the Clarks Fork Drainage of the Yellowstone River basin in Wyoming is 94% 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 195% of median. Water-year-to-date precipitation is 96% of median.

Reservoirs

No reservoir data.

Streamflow

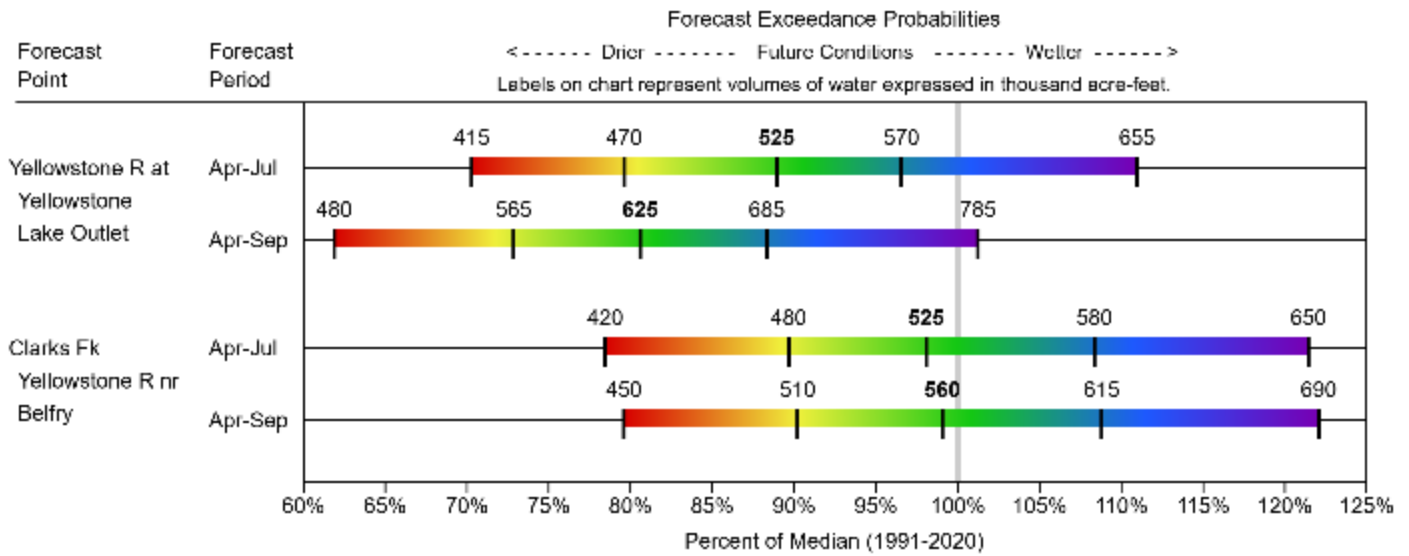
The 50% exceedance forecasts for April through September are near normal for the basin. Yellowstone at Lake Outlet will yield around 81% of median. Clarks Fork of the Yellowstone near Belfry will yield around 99%.

See the following graph for detailed information.

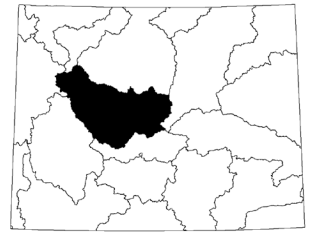
YELLOWSTONE IN WY

Water Supply Forecasts

March 1, 2025

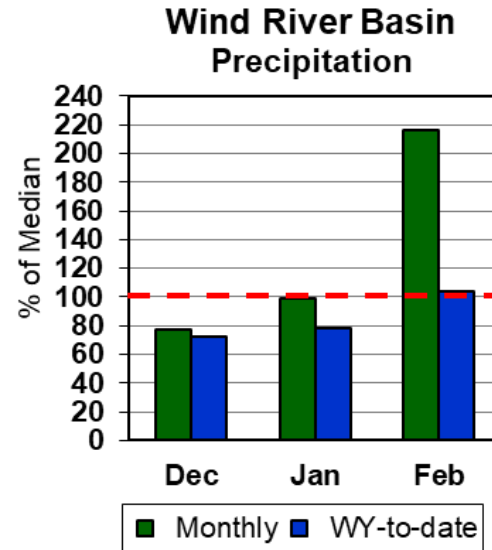
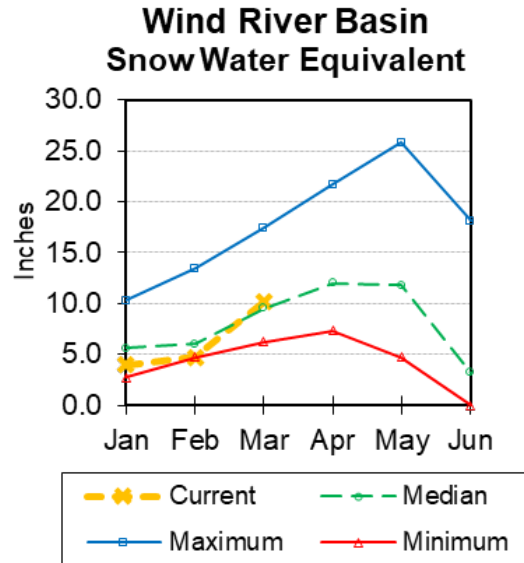


Wind River Basin



Snow

Wind River basin SWE (above Boysen Reservoir) is 107% of median. SWE in the Wind River above Dubois is 109% of median. Little Wind SWE is 105% of median, and Popo Agie drainage SWE is 110% 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 216% of median. Water year-to-date precipitation is 104% of median.

Reservoirs

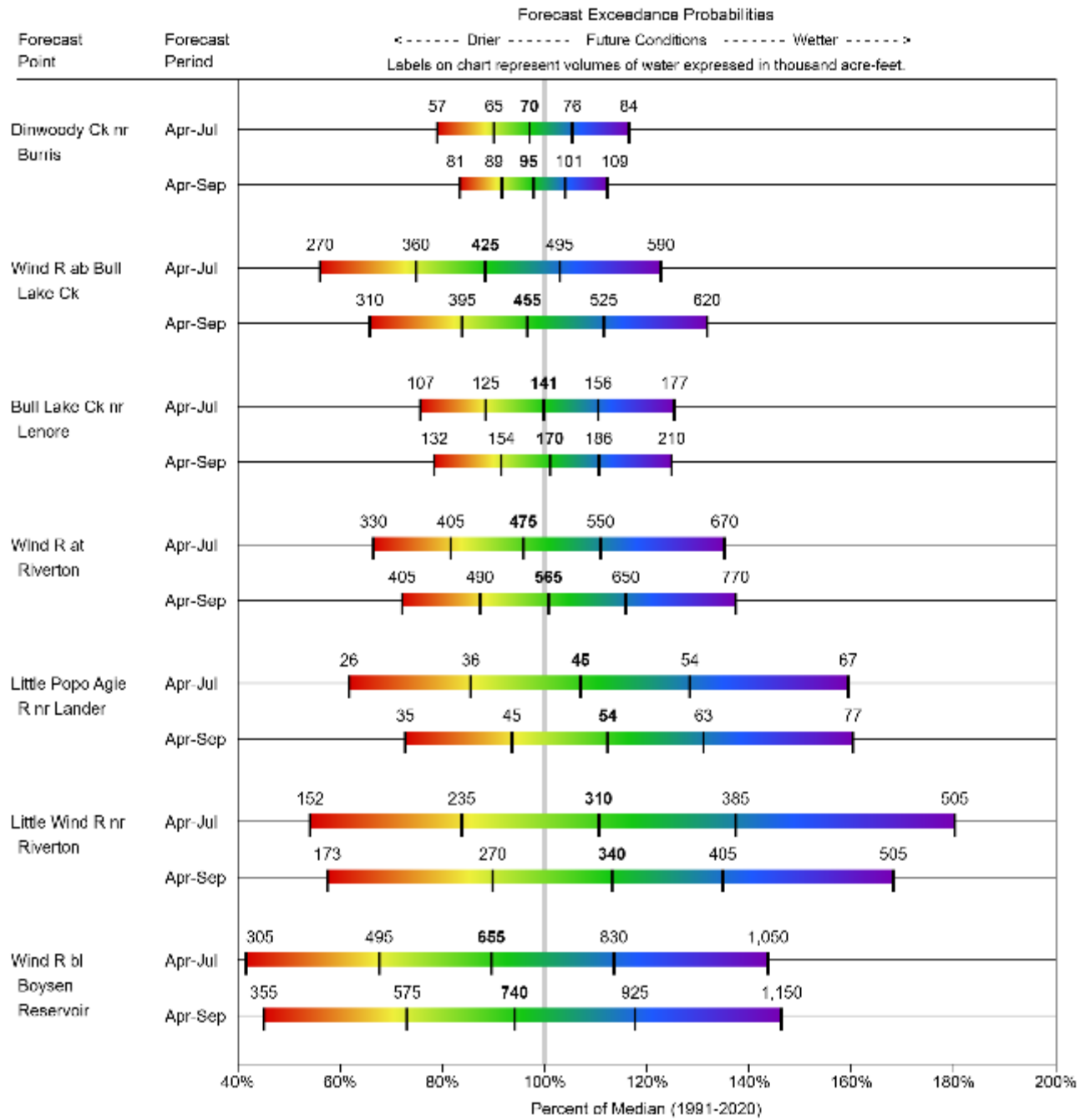
Current storage is 82% of median in the basin.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Pilot Butte	25.6	24.8	25.1	31.6	81%	78%	79%	102%	99%
Boysen	472.1	581.9	547.6	596.0	79%	98%	92%	86%	106%
Bull Lake	35.5	71.3	80.9	151.8	23%	47%	53%	44%	88%
Basin Index					68%	87%	84%	82%	104%
# of reservoirs					3	3	3	3	3

Streamflow

The 50% exceedance forecasts for the April through September runoff period are near normal for the Wind River. The Wind River above Bull Lake Creek will yield about 97% of median. Little Popo Agie River near Lander should yield around 113% of median. Little Wind River near Riverton will yield around 113% of median. Boysen Reservoir inflow will yield about 94% of median. *See the following graph for detailed runoff volumes.*

WIND
Water Supply Forecasts
March 1, 2025

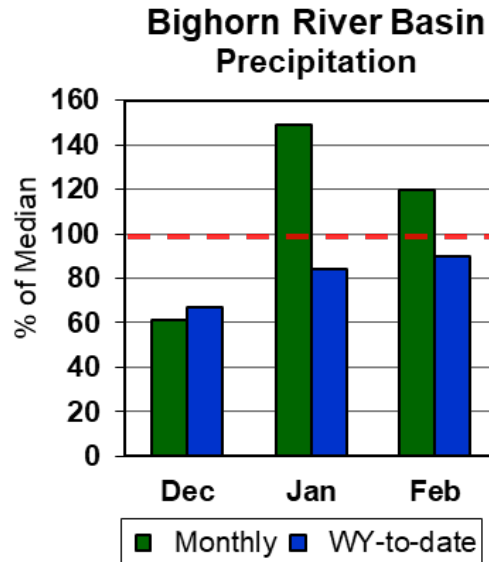
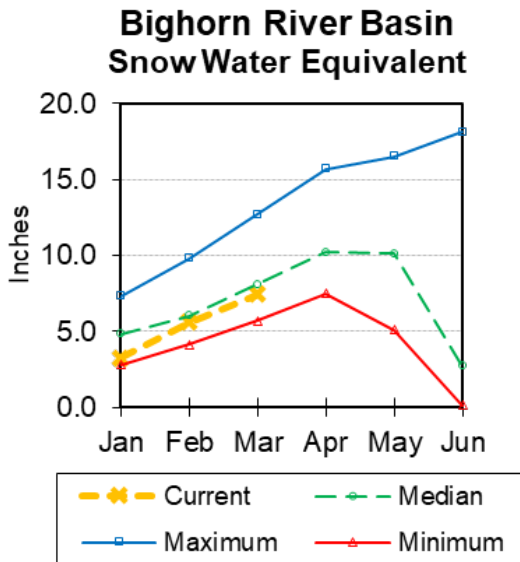


Bighorn River Basin



Snow

The Bighorn River Basin SWE (above Bighorn Reservoir) is 92% of median. The Greybull River SWE is at 99% of median. Shell Creek SWE is at 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 120% of median. Year-to-date precipitation is 90% of median.

Reservoirs

Current reservoir storage in the basin is 96% of median.

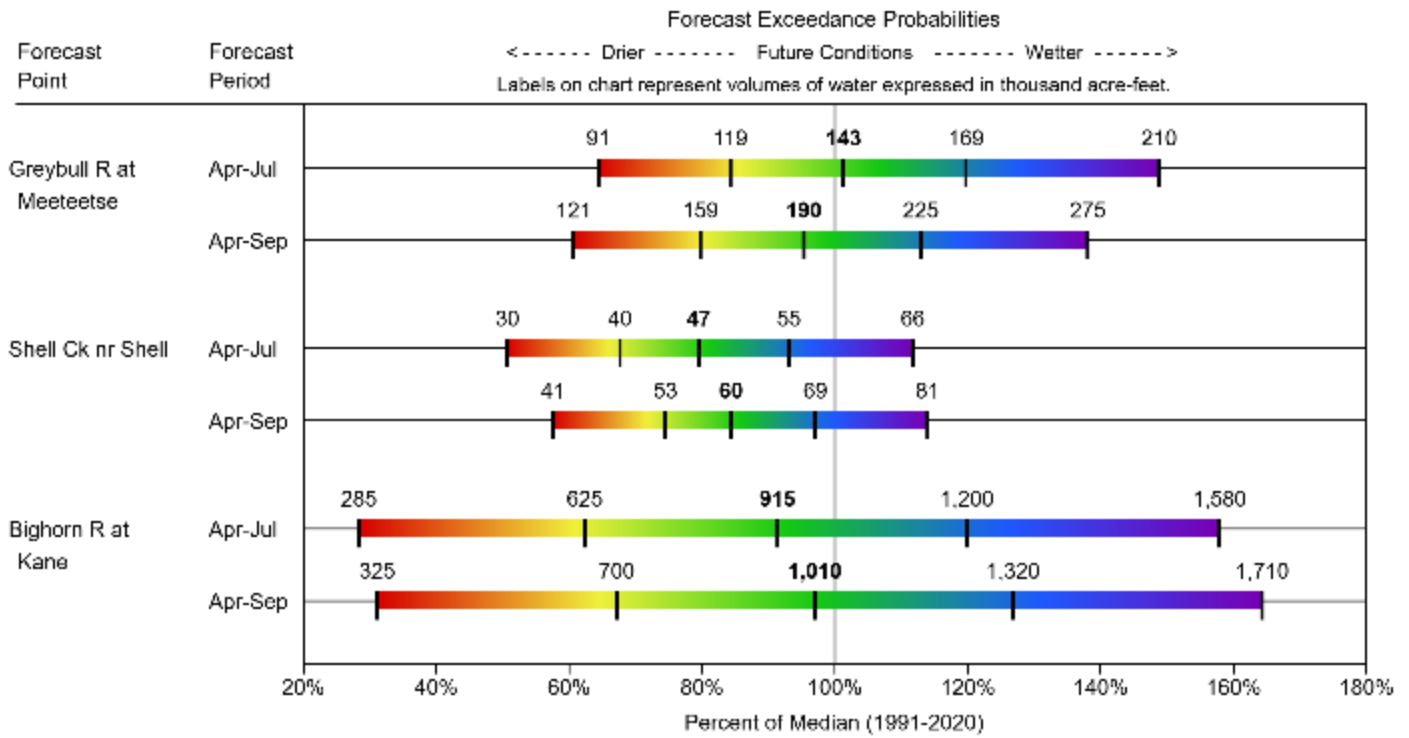
	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Bighorn Lake	786.0	832.4	815.7	1356.0	58%	61%	60%	96%	102%
Basin Index					58%	61%	60%	96%	102%
# of reservoirs					1	1	1	1	1

Streamflow

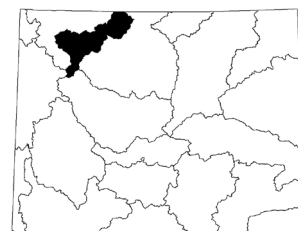
The 50% exceedance forecasts for the April through September runoffs are near normal. The Greybull River near Meeteetse should yield 95% of median. Shell Creek near Shell should yield around 85% of median. The Bighorn River at Kane should yield around 97% of median.

See the following graph for detailed runoff volumes.

BIGHORN
Water Supply Forecasts
March 1, 2025

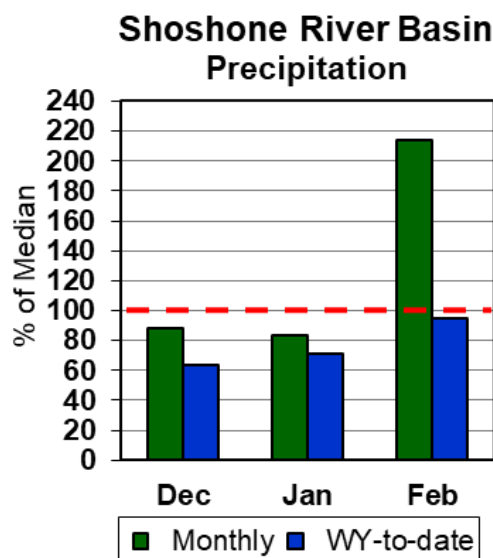
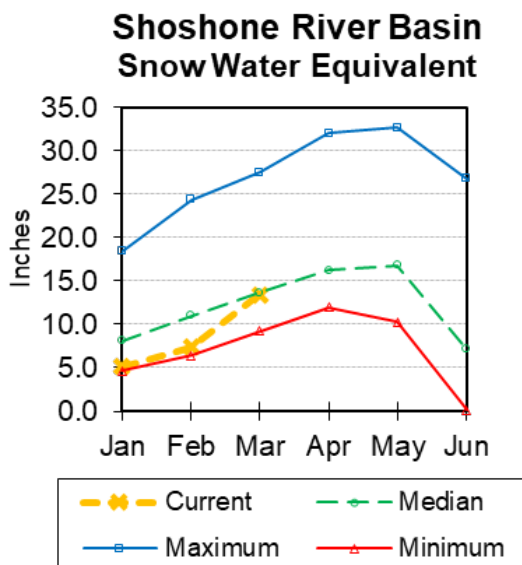


Shoshone River Basin



Snow

Snow Water Equivalent (SWE) is 98% 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 214% of median. The basin year-to-date precipitation is now 95% of median.

Reservoirs

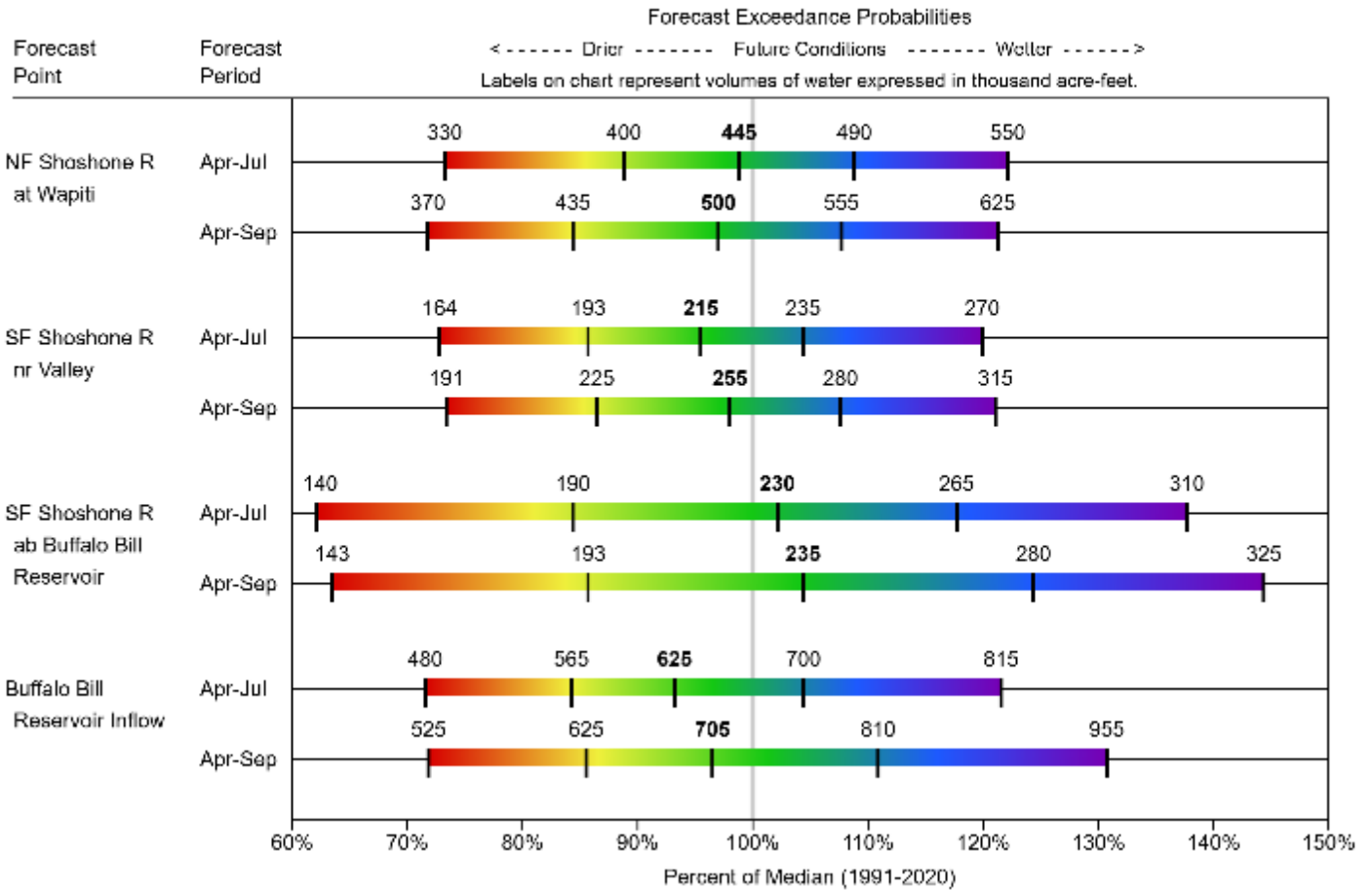
Current storage in Buffalo Bill Reservoir is about 85% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Buffalo Bill	374.2	477.6	441.9	646.6	58%	74%	68%	85%	108%
Basin Index					58%	74%	68%	85%	108%
# of reservoirs					1	1	1	1	1

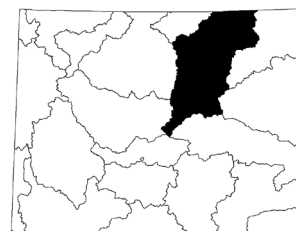
Streamflow

The 50% exceedance forecasts for the April through September period are near normal for the basin. The North Fork Shoshone River at Wapiti should yield 97% of median. The South Fork of the Shoshone River near Valley should yield 98% of median. The Buffalo Bill Reservoir inflow should yield 97% of median. *See the following graph for detailed runoff volumes.*

SHOSHONE
Water Supply Forecasts
March 1, 2025

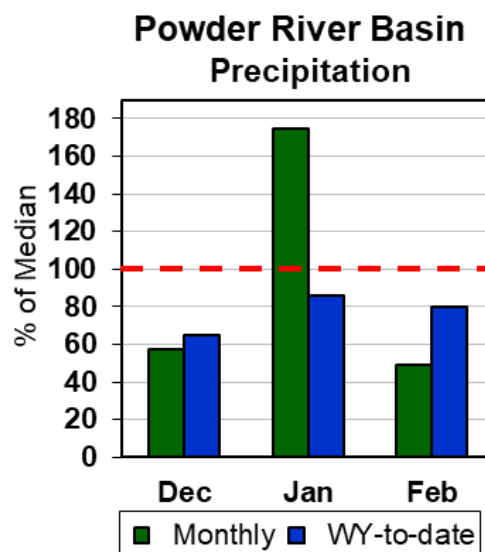
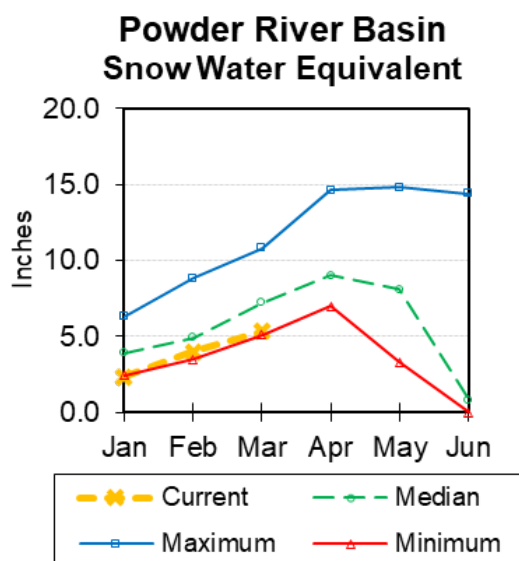


Powder River Basin



Snow

Powder River Basin SWE is at 74% of median. SWE in the Clear Creek drainage is 66% of median. *See appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 49% of median in the basin. Year-to-date precipitation is 80% of median.

Reservoirs

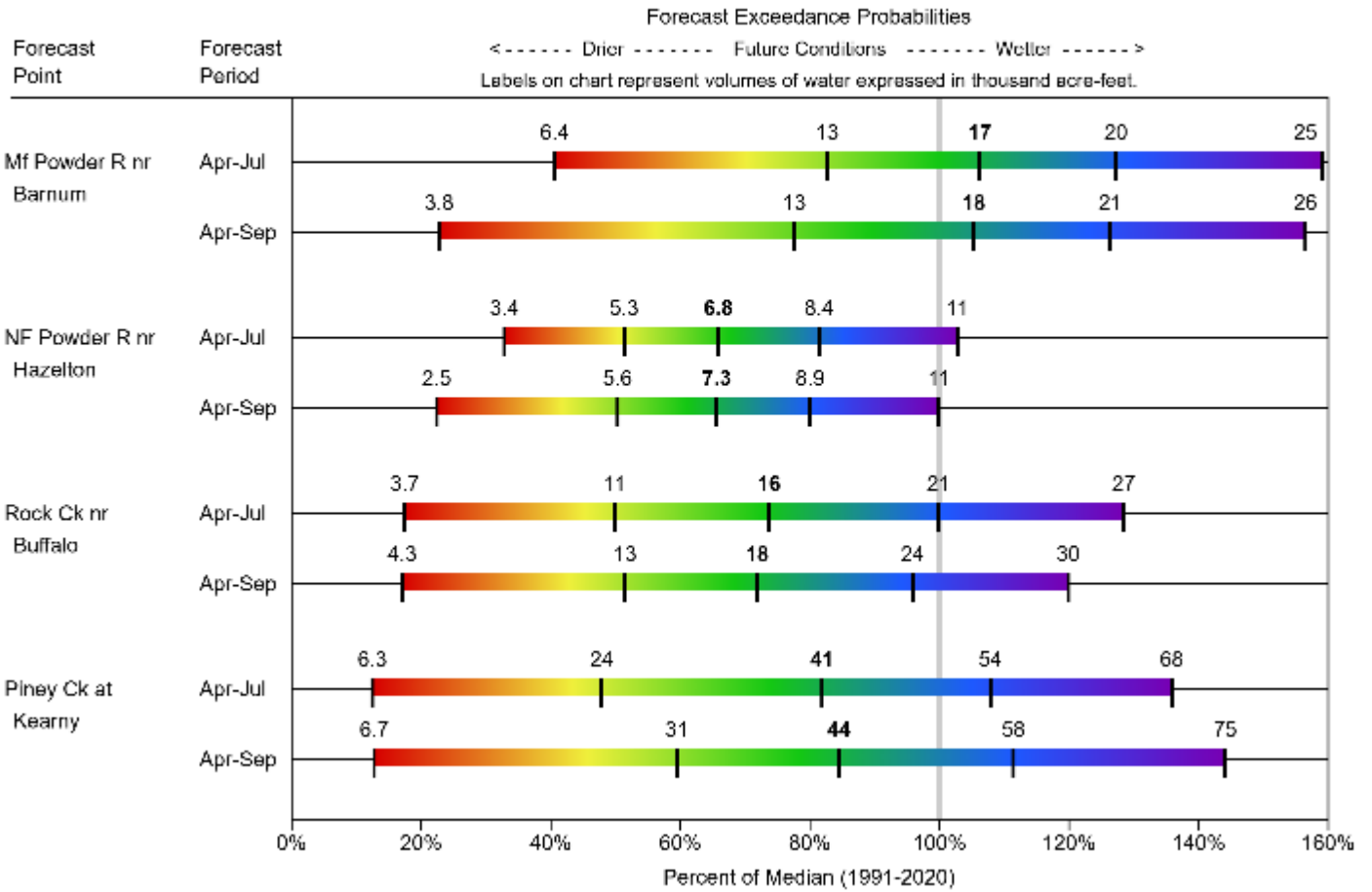
No reservoir data for this basin.

Streamflow

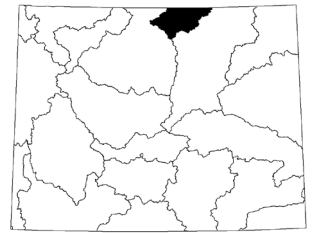
The 50% exceedance forecasts for the April through September period are below normal for the basin. The Middle Fork of the Powder River near Barnum should yield around 105% of median. The North Fork of the Powder River near Hazelton to yield around 66% of median.

See the following graph for detailed runoff volumes.

POWDER
Water Supply Forecasts
March 1, 2025

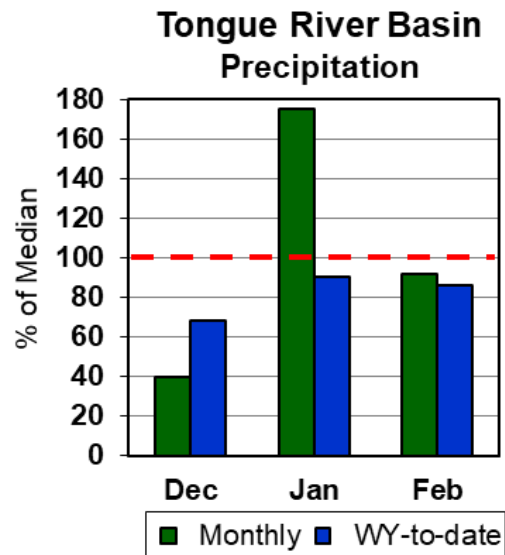
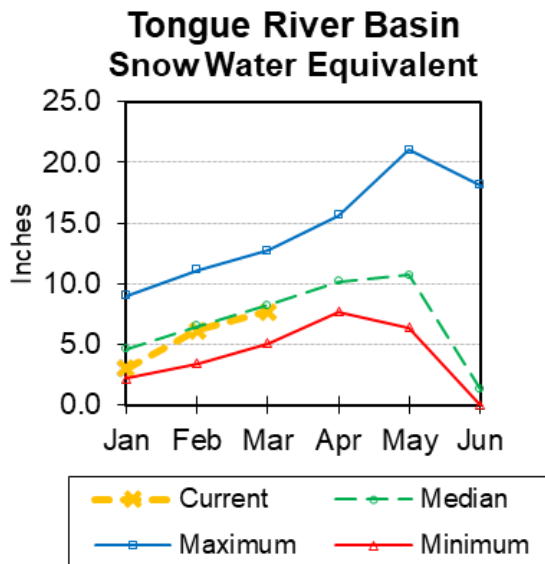


Tongue River Basin



Snow

Upper Tongue River drainage SWE is at 94% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 92% of median. Year-to-date precipitation is 86% of median in the basin.

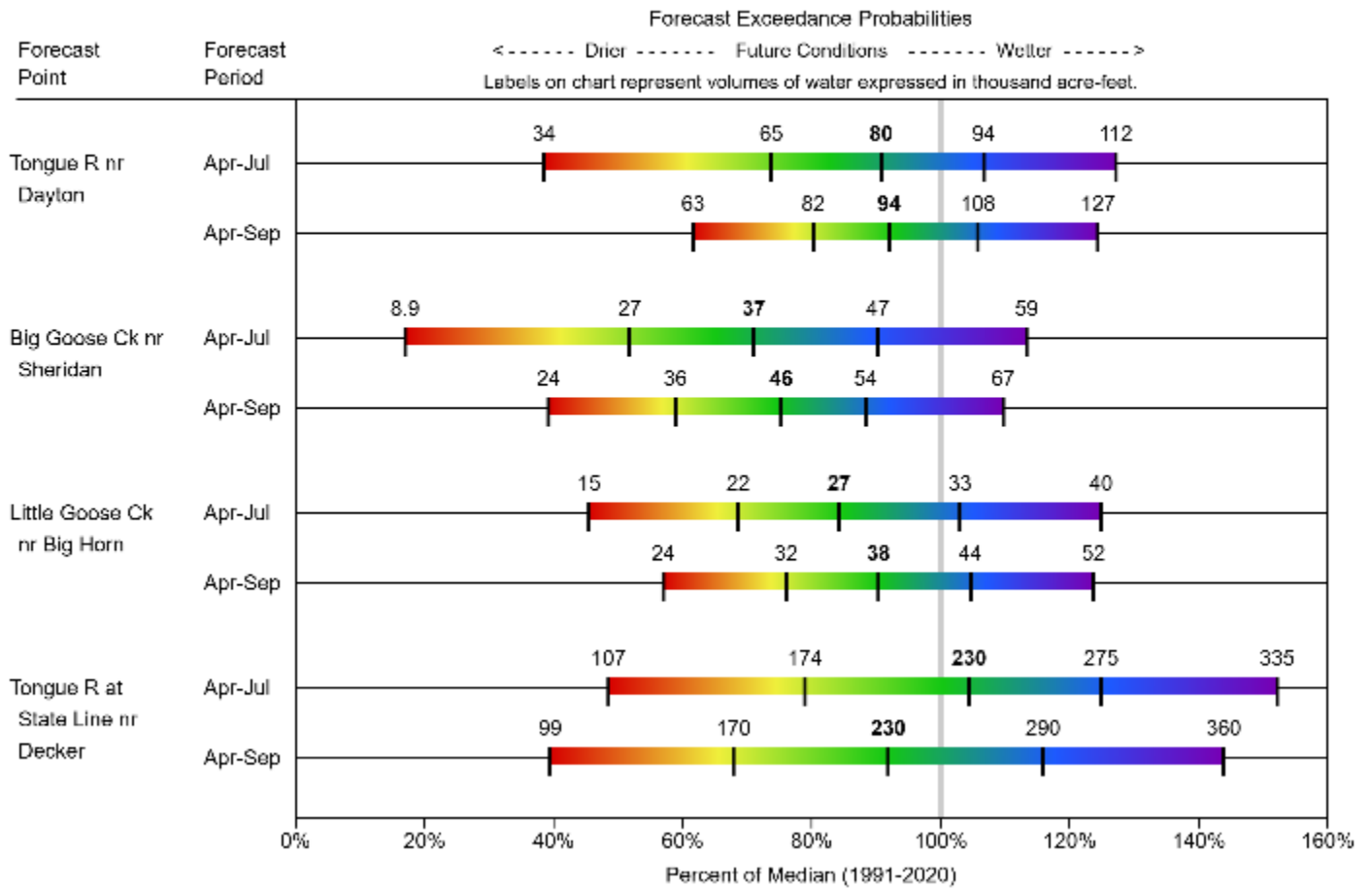
Reservoirs

No reservoir data for the basin.

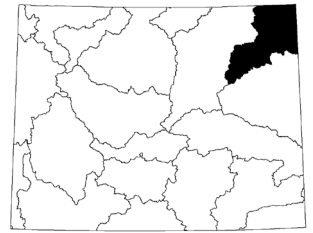
Streamflow

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 92% of median. Big Goose Creek near Sheridan should yield around 75%. Little Goose Creek near Bighorn should yield 90% of median. The Tongue River Reservoir Inflow should yield 92% of median. *See below for detailed runoff volumes.*

TONGUE
Water Supply Forecasts
March 1, 2025

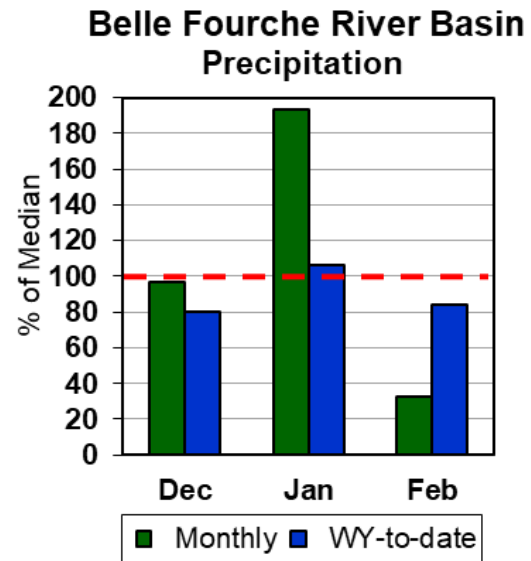
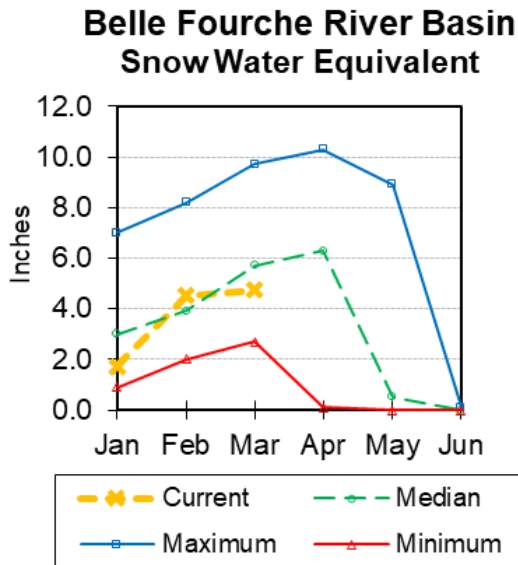


Belle Fourche River Basin



Snow

Currently the Belle Fourche River Basin SWE is at 83% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Precipitation for last month was 33% of median in the Belle Fourche basin. Year-to-date precipitation is 84% of median.

Reservoirs

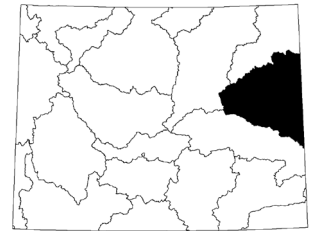
Combined storage for the 2 reservoirs in the basin is at 93% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Belle Fourche	121.4	144.9	134.8	178.4	68%	81%	76%	90%	107%
Keyhole	114.1	129.2	119.1	193.8	59%	67%	61%	96%	109%
Basin Index					63%	74%	68%	93%	108%
# of reservoirs					2	2	2	2	2

Streamflow

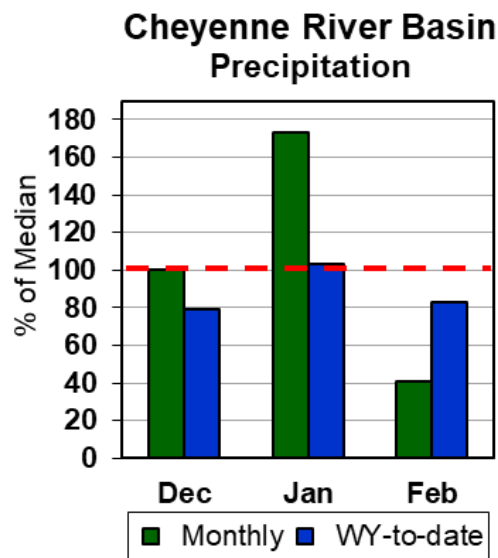
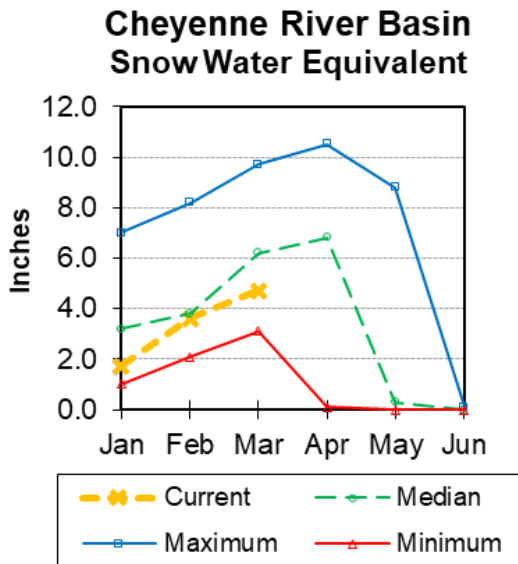
There are no streamflow forecast points for the basin.

Cheyenne River Basin



Snow

Currently SWE for sites in the Cheyenne River Basin are at 76% of median. *See Appendix at the end of this report for a detailed listing.*



Precipitation

Precipitation for last month was 41% of median. Year-to-date precipitation is 83% of median.

Reservoirs

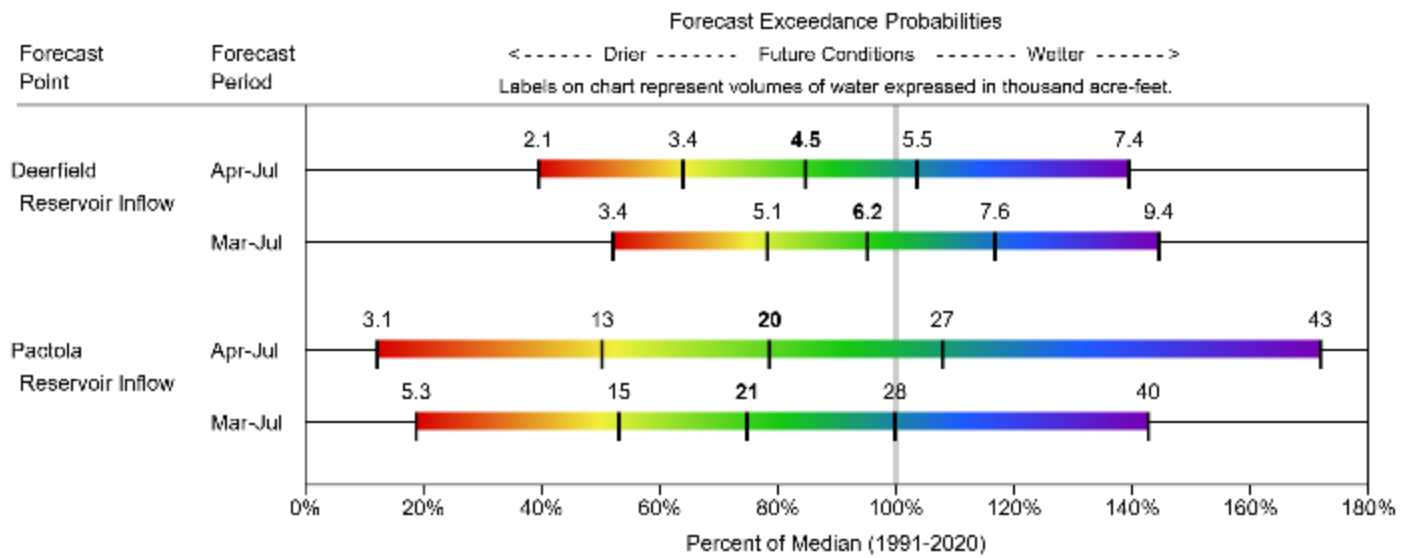
Combined storage for the 3 reservoirs in the basin is at 87% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Deerfield	15.0	14.5	14.8	15.2	99%	96%	97%	102%	98%
Pactola	46.1	52.0	52.8	55.0	84%	95%	96%	87%	99%
Angostura	82.6	102.2	98.1	122.1	68%	84%	80%	84%	104%
Basin Index					75%	88%	86%	87%	102%
# of reservoirs					3	3	3	3	3

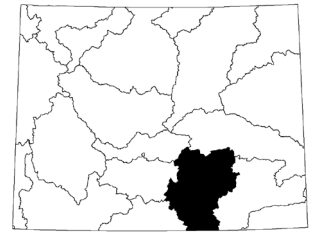
Streamflow

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 79% of median. *See the following graph for detailed runoff volumes.*

CHEYENNE
Water Supply Forecasts
March 1, 2025



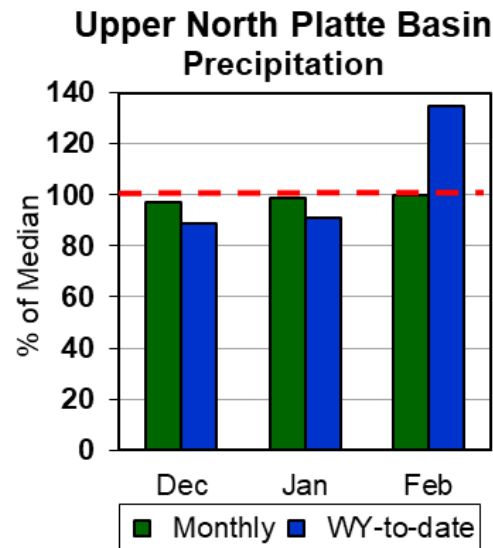
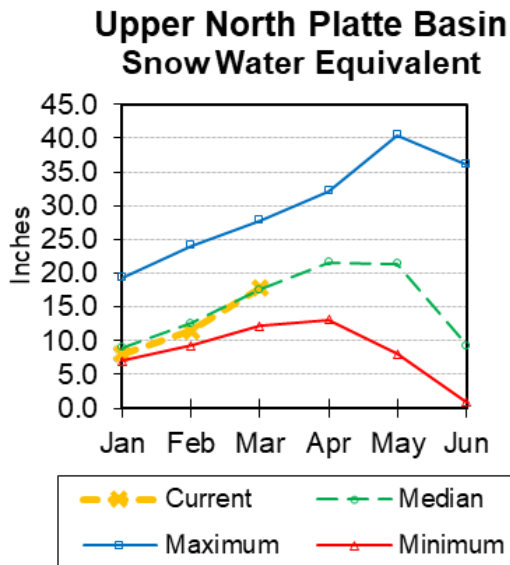
Upper North Platte River Basin



Snow

The Upper North Platte River basin SWE is 101% of median. North Platte above Northgate SWE is 101% of median. Encampment River SWE is 97% of median. Medicine Bow and Rock Creek SWE are 112% of median.

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



Precipitation

Last month's precipitation was 135% of median. Total water-year-to-date precipitation is 100% of median.

Reservoirs

Combined storage for reservoirs in the Upper North Platte River Basin is at 94% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Seminole	475.0	636.4	579.6	1016.7	47%	63%	57%	82%	110%
Pathfinder	609.1	715.4	579.7	1016.5	60%	70%	57%	105%	123%
Basin Index					53%	66%	57%	94%	117%
# of reservoirs					2	2	2	2	2

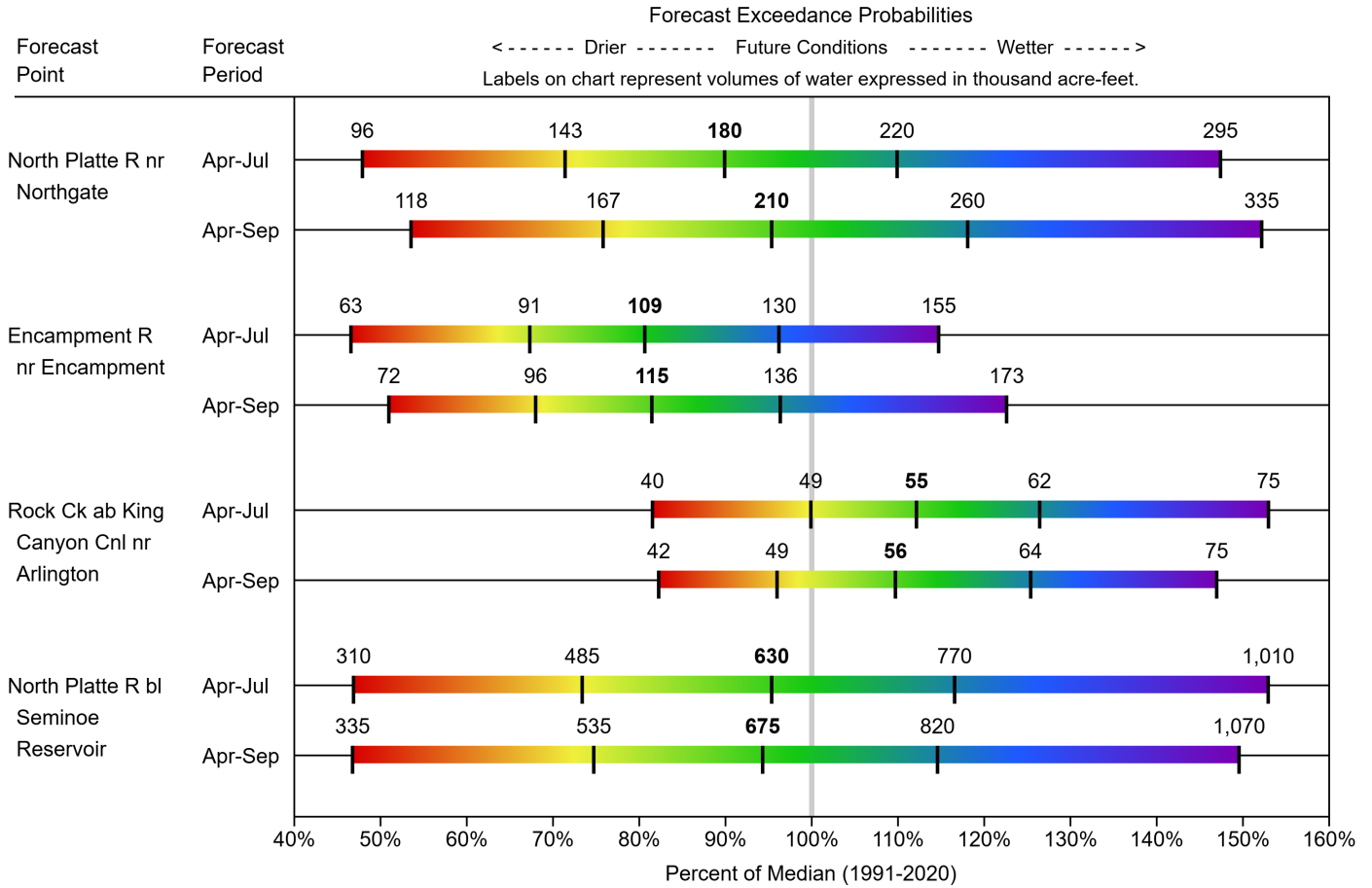
Streamflow

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 95% of median. The Encampment River near Encampment yield will be about 82%. Rock Creek near Arlington yield will be around 110%. Seminole Reservoir inflow should be about 94% of median. *See the following page for more detailed information on projected runoff*

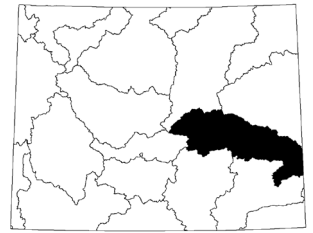
UPPER NORTH PLATTE

Water Supply Forecasts

March 1, 2025

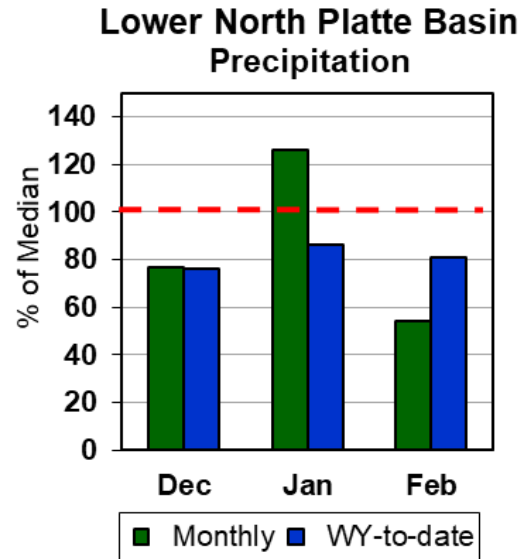
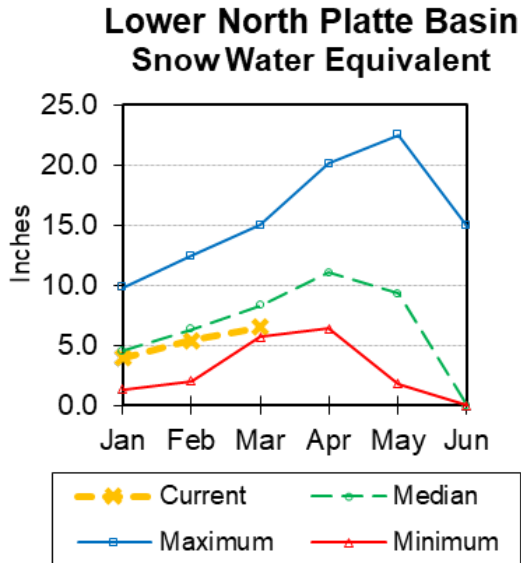


Lower North Platte River Basin



Snow

Currently, SWE in the Lower North Platte River Basin is 78% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 54% of median. The water year-to-date precipitation for the basin is currently 81% of median.

Reservoirs

Combined storage for the 3 reservoirs in the basin is at 90% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Guernsey	3.6	17.7	15.8	45.6	8%	39%	35%	23%	112%
Glendo	282.9	333.8	320.8	506.4	56%	66%	63%	88%	104%
Alcova	157.4	156.9	156.6	184.3	85%	85%	85%	101%	100%
Basin Index					60%	69%	67%	90%	103%
# of reservoirs					3	3	3	3	3

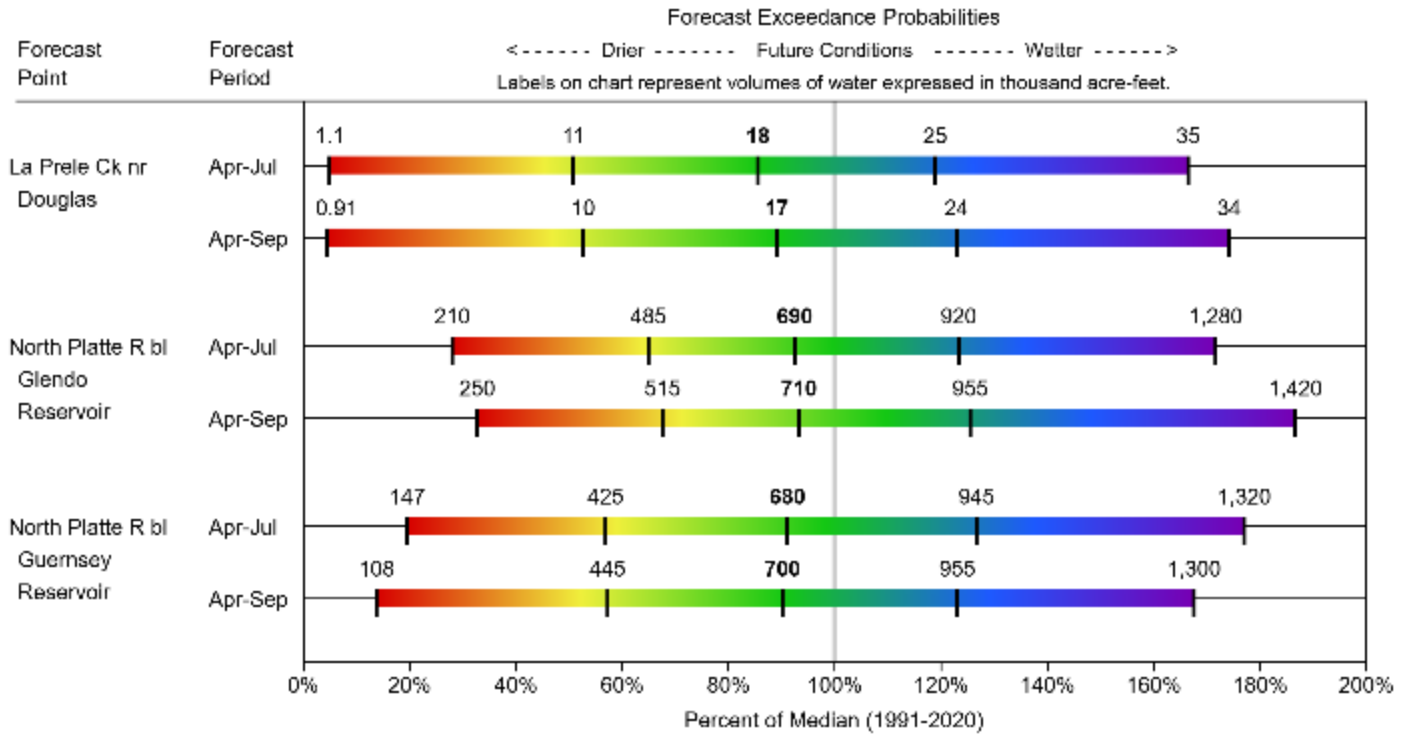
Streamflow

The 50% exceedance forecasts for the April through September period are about normal. LaPrele Creek near Douglas is forecasted to yield 89% of median. North Platte River below Guernsey Reservoir should yield around 90% of median. *See the following for more detailed information on projected runoff.*

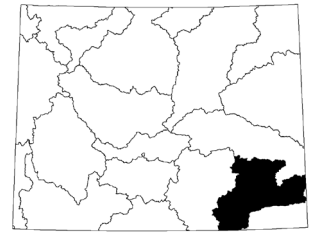
LOWER NORTH PLATTE

Water Supply Forecasts

March 1, 2025

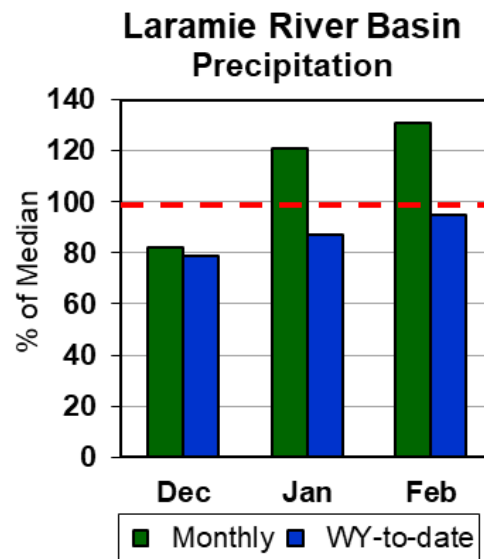
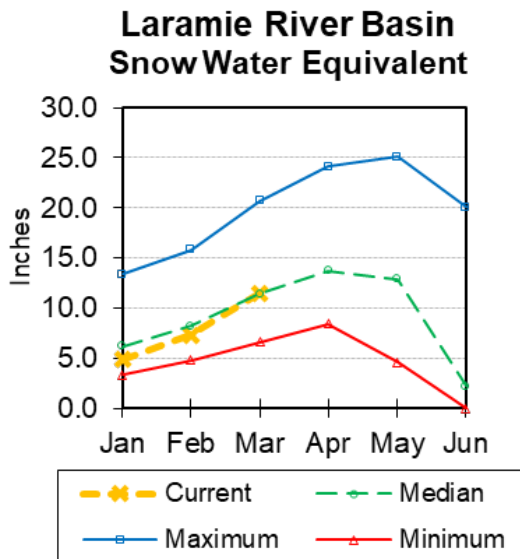


Laramie River Basin



Snow

SWE for the entire Laramie River Basin (above mouth entering North Platte) is 101% of median. SWE for the Laramie River above Laramie is 102% of median. SWE for the Little Laramie River is 108% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 131% of median. The water year-to-date precipitation for the basin is currently 95% of median.

Reservoirs

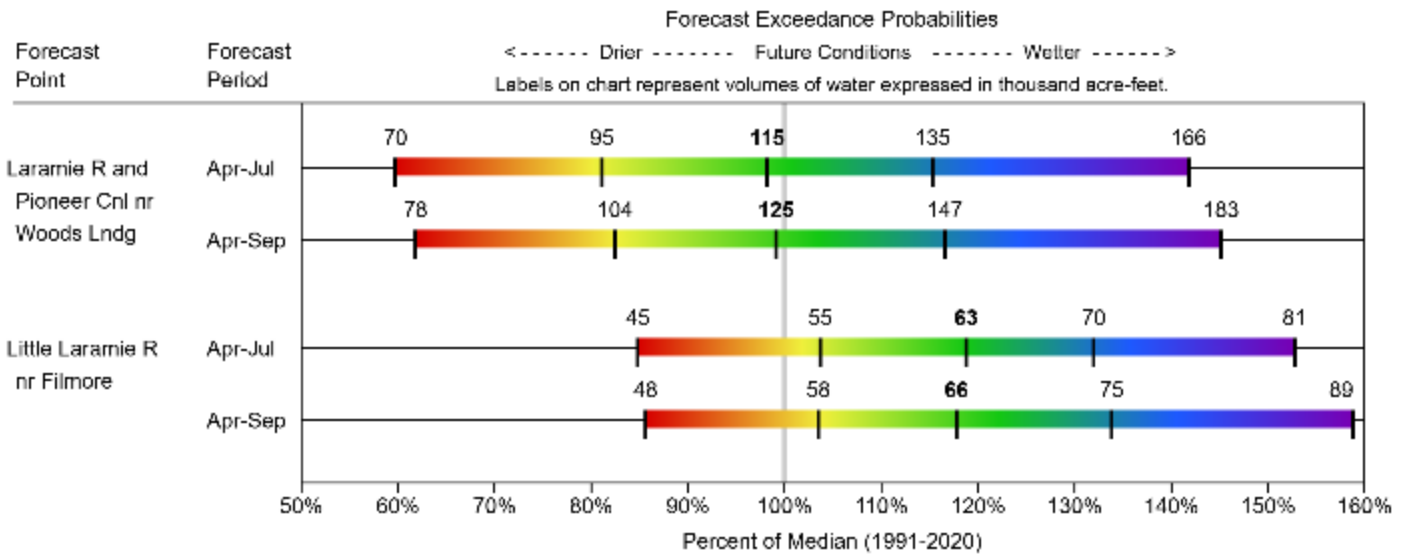
The storage for the reservoir in this basin is at 55% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Wheatland #2	26.8	54.0	48.8	98.9	27%	54%	49%	55%	111%
Basin Index					27%	54%	49%	55%	111%
# of reservoirs					1	1	1	1	1

Streamflow

The 50% exceedance forecasts for the April through September period are near normal. Laramie River near Woods Landing is forecasted to yield around 99% 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
March 1, 2025

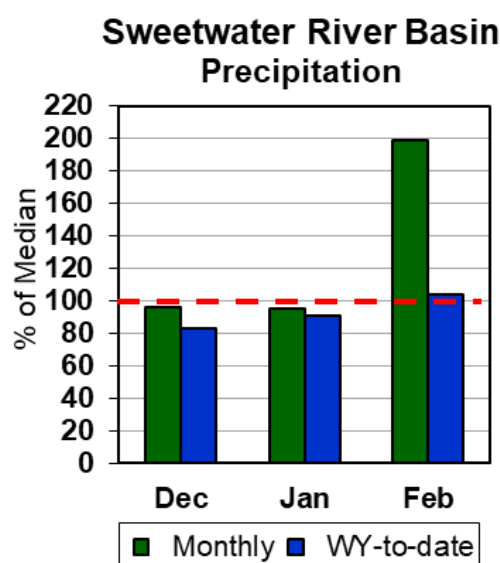
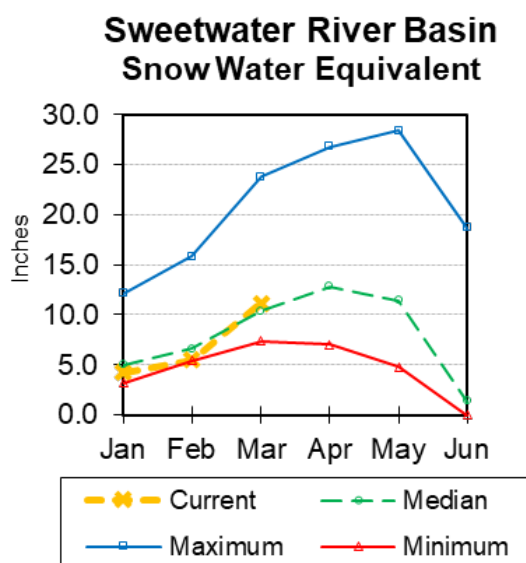


Sweetwater River Basin



Snow

Sweetwater River Basin SWE is at 107% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 199% of median. The water year-to-date precipitation for the basin is currently 104% of median.

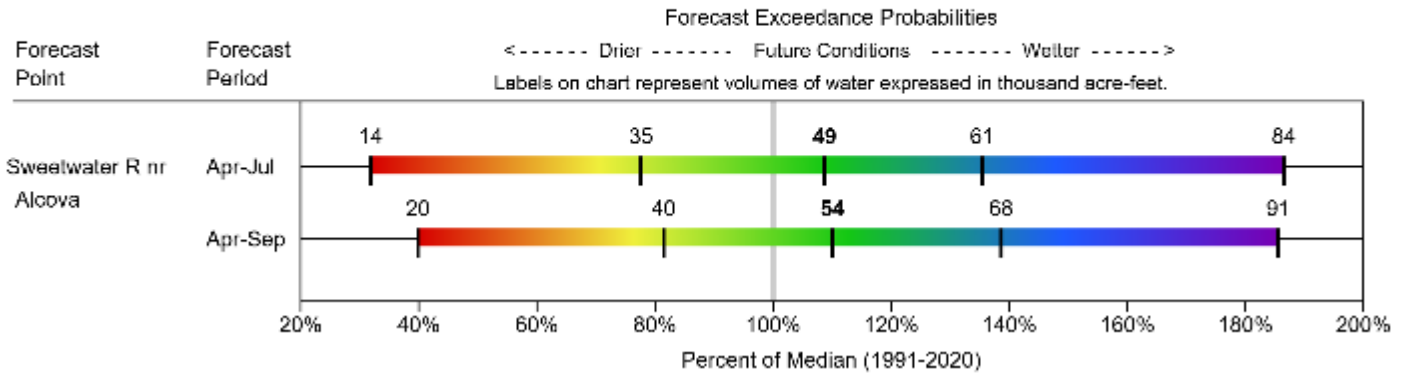
Reservoirs

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 110% of median. *See below for detailed information on projected runoff.*

SWEETWATER
Water Supply Forecasts
March 1, 2025

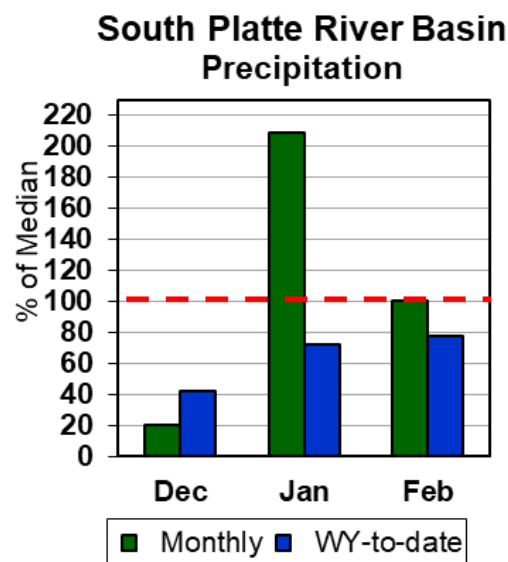
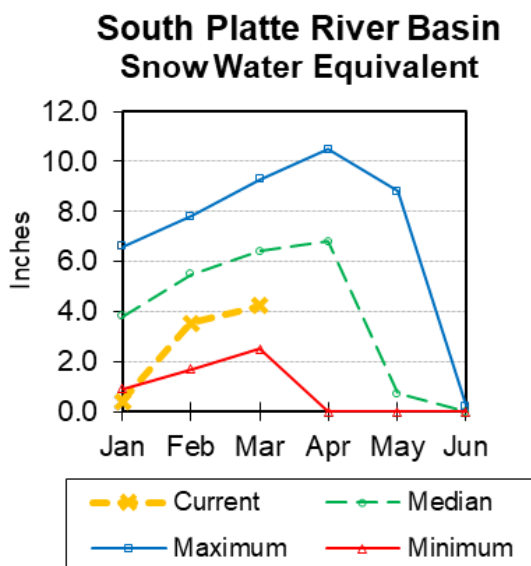


South Platte River Basin (WY)



Snow

The median SWE for sites in the South Platte River Basin is 66% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Last month's precipitation was 100% of median. The water year-to-date precipitation for the basin is currently 78% of median.

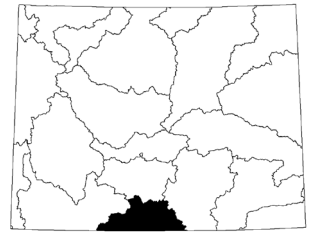
Reservoirs

No reservoir data for the basin.

Streamflow

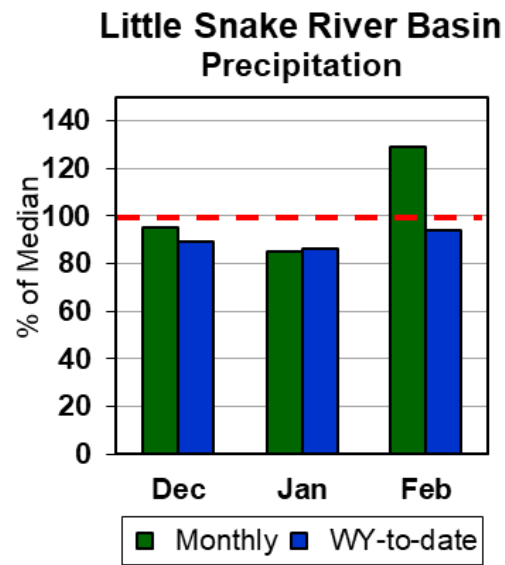
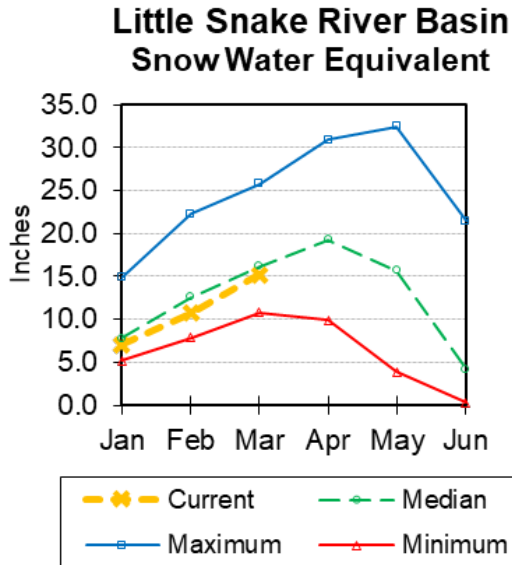
There are no streamflow forecast points for the basin.

Little Snake River Basin



Snow

Little Snake River drainage SWE is 94% of median. See *Appendix at the end of this report for a detailed listing of snow course information.*



Precipitation

Precipitation across the basin was 129% of median. The Little Snake River Basin water-year-to-date precipitation is currently 94% of median.

Reservoirs

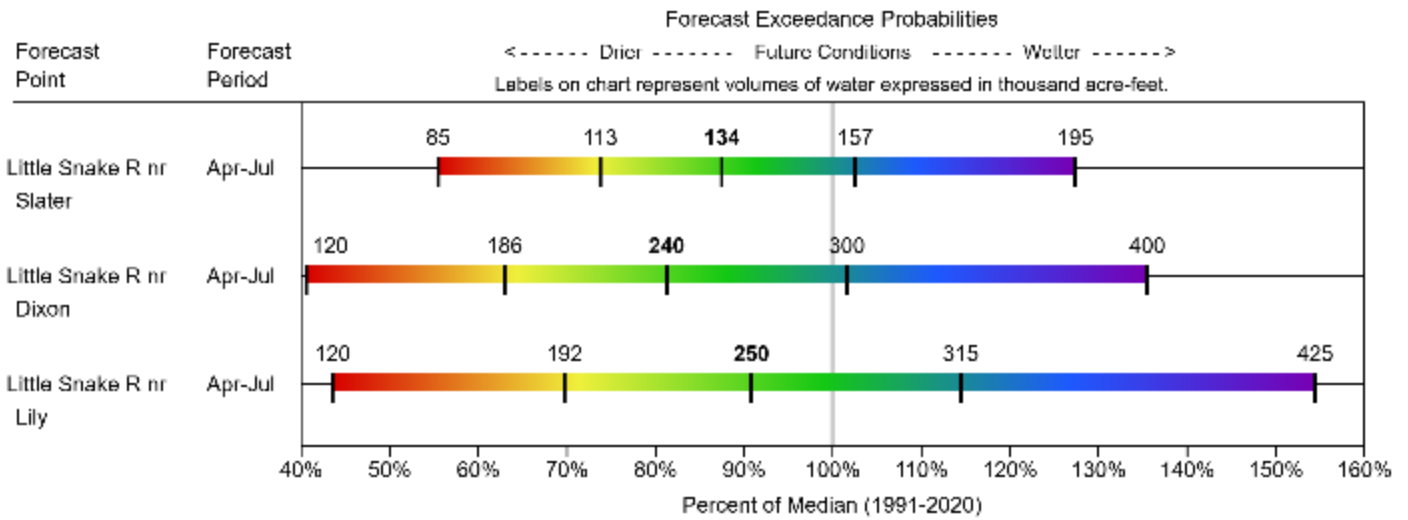
The storage for the reservoir in this basin is at 102% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
High Savery Res	11.7	14.2	11.5	22.4	52%	63%	51%	102%	123%
Basin Index					52%	63%	51%	102%	123%
# of reservoirs					1	1	1	1	1

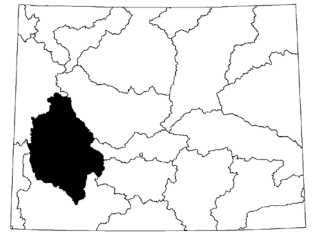
Streamflow

The 50% exceedance forecasts for the April through July period is below normal. The Little Snake River near Slater is forecasted to yield around 88% of median. *See below for detailed information on projected runoff.*

LITTLE SNAKE
Water Supply Forecasts
March 1, 2025

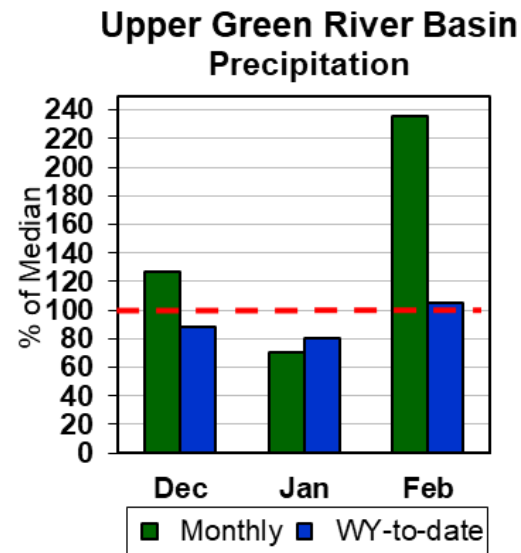
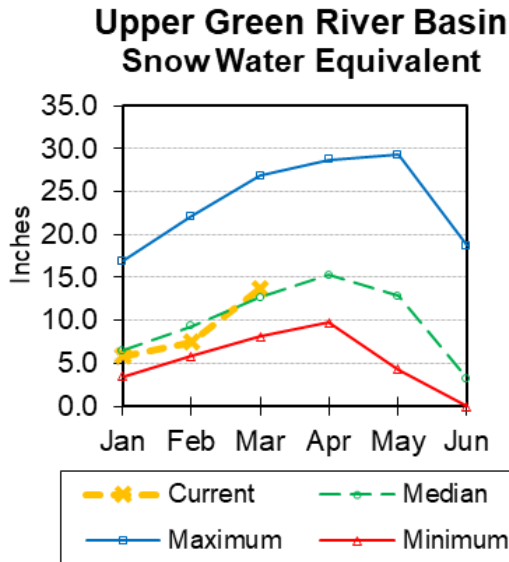


Upper Green River Basin



Snow

The Upper Green River Basin SWE (above Fontenelle Reservoir) is 108% of median. Green River Basin above Warren Bridge SWE is 110% of median. West Side of Upper Green River Basin SWE is 114% 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 236% of median last month. Water year-to-date precipitation is 105% of median.

Reservoir

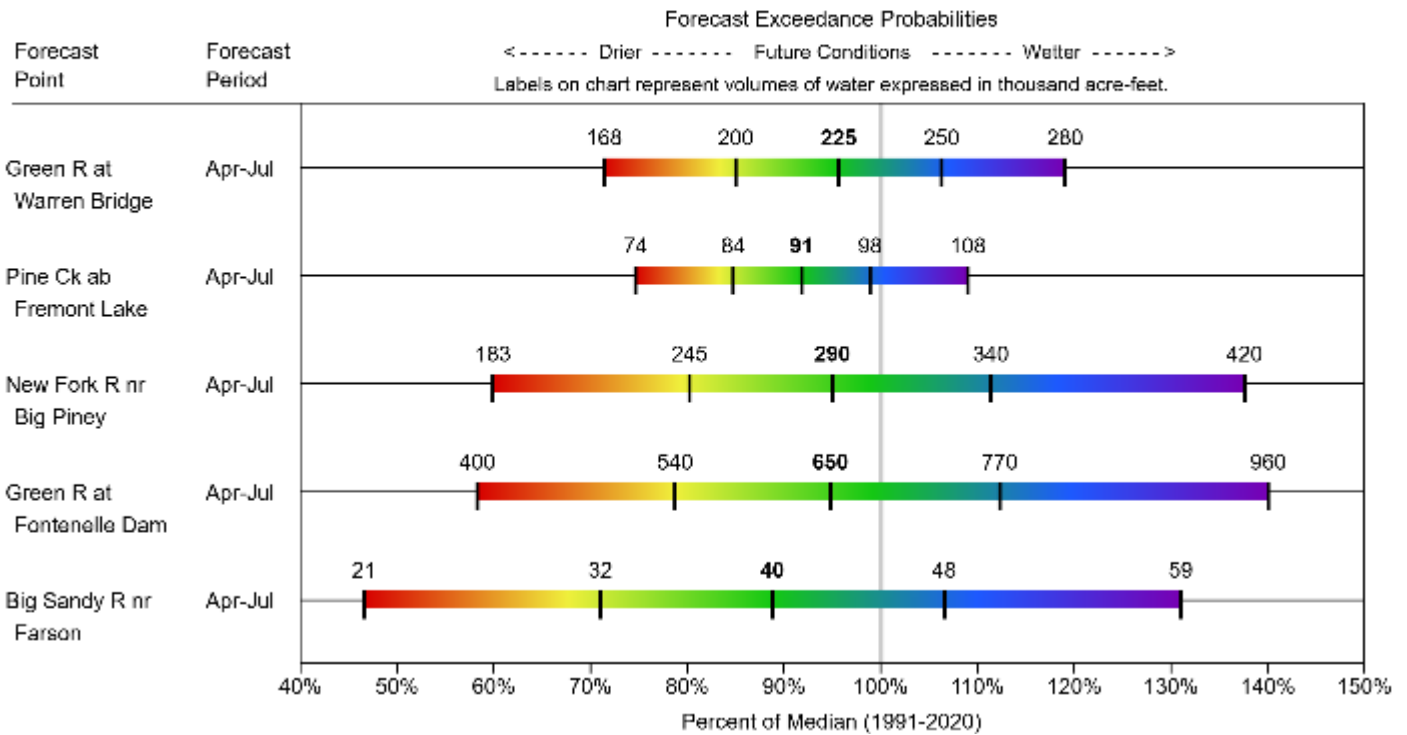
Combined water storage in the basin was at 101% of median for the 2 reservoirs.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Big Sandy	24.9	40.0	18.4	38.3	65%	104%	48%	135%	218%
Fontenelle	125.6	127.2	131.1	344.8	36%	37%	38%	96%	97%
Basin Index					39%	44%	39%	101%	112%
# of reservoirs					2	2	2	2	2

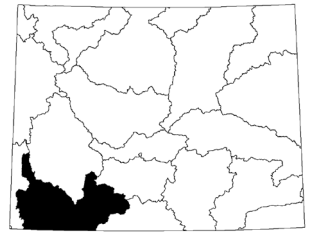
Streamflow

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 96% of median. New Fork River near Big Piney yield will be around 95% 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
March 1, 2025



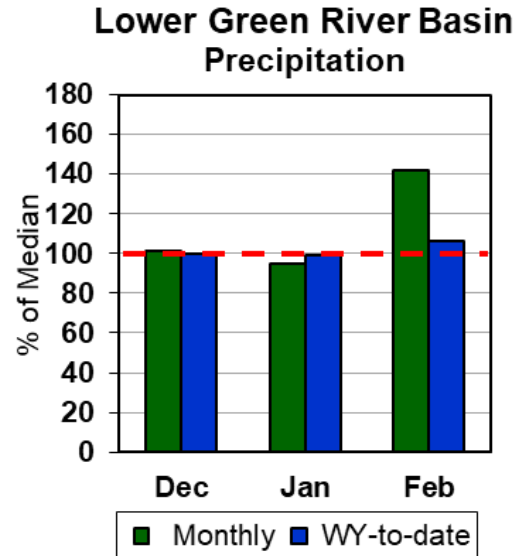
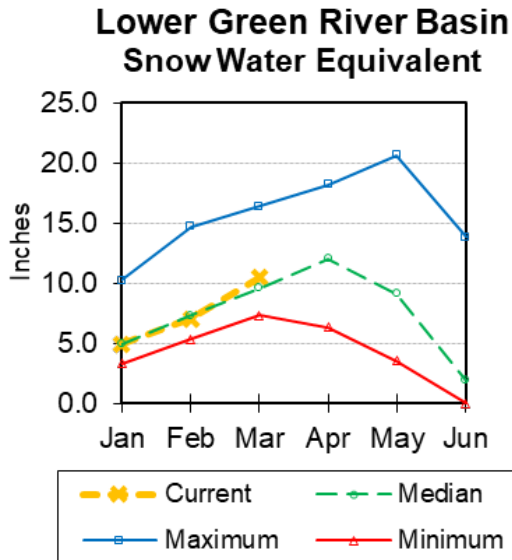
Lower Green River Basin



Snow

Lower Green River Basin SWE is at 109% of median. Hams Fork drainage SWE is 116% of median. Blacks-Smiths Forks drainage SWE is 111% 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 142% of median. The basin year-to-date precipitation is currently 106% of median.

Reservoirs

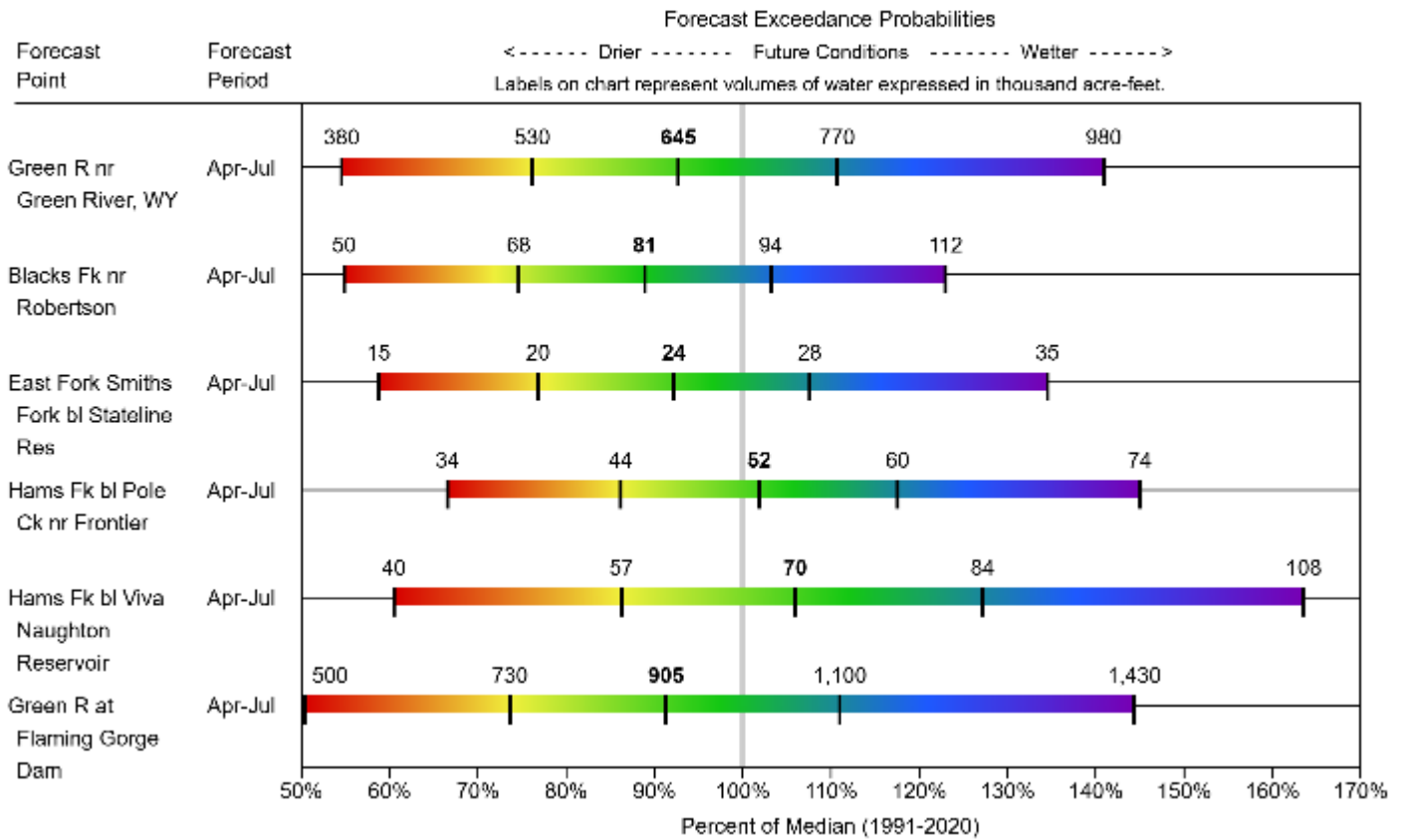
Combined storage for the 4 reservoirs in the basin was at 100% of median at the end of last month.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Viva Naughton Res	30.4	34.7	29.5	42.4	72%	82%	70%	103%	118%
Stateline Res	4.2	8.3	5.7	12.0	35%	69%	48%	73%	146%
Flaming Gorge Res	3117.2	3106.6	3107.0	3749.0	83%	83%	83%	100%	100%
Meeks Cabin Res	8.4	18.3	10.8	32.5	26%	56%	33%	78%	170%
Basin Index					83%	83%	82%	100%	100%
# of reservoirs					4	4	4	4	4

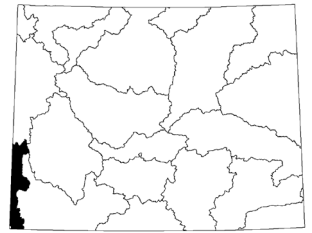
Streamflow

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 93% 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
March 1, 2025



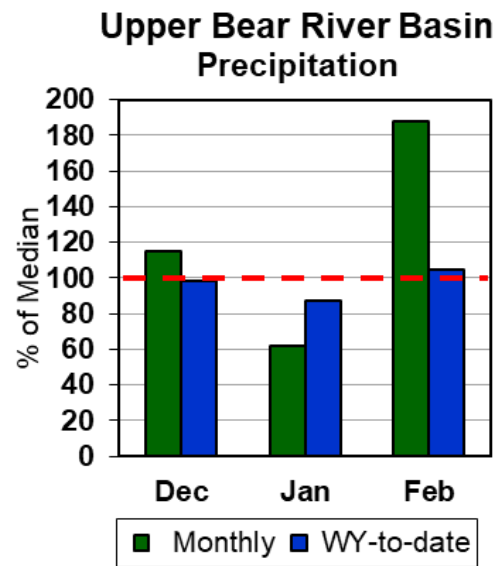
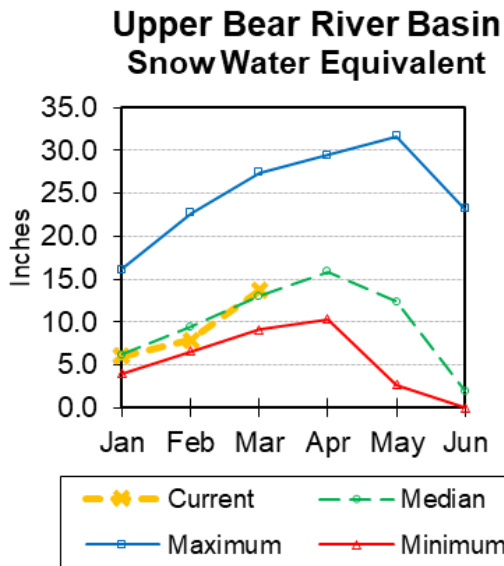
Upper Bear River Basin



Snow

SWE in the Upper Bear River Basin of Utah is 105% of median. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is 117% of median.

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



Precipitation

Precipitation for last month was 188% of median in the basin. The year-to-date precipitation for the basin is 105% of median.

Reservoirs

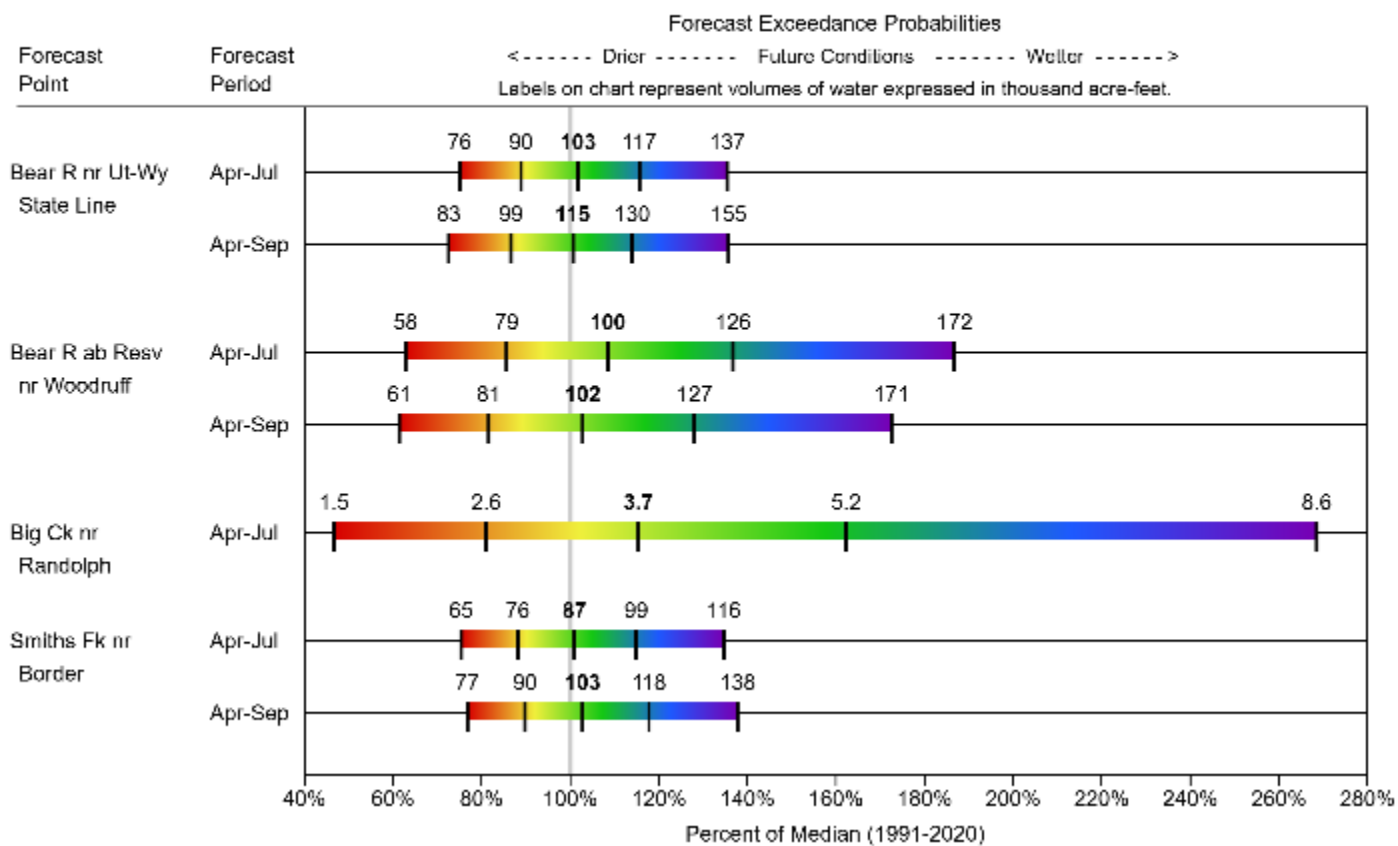
Combined reservoir storage in this basin is at 102% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Woodruff Creek	2.2	2.5	2.4	4.0	54%	63%	60%	90%	104%
Woodruff Narrows Res	39.7	48.8	38.4	57.3	69%	85%	67%	103%	127%
Basin Index					68%	84%	67%	102%	126%
# of reservoirs					2	2	2	2	2

Streamflow

The 50% exceedance forecasts for the April through September period are near normal. The Bear River above Reservoir near Woodruff should yield around 103% of median. For April to July the Smiths Fork River near Border Jct. will yield around 103%. *See the following page for more detailed information on projected runoff.*

UPPER BEAR
Water Supply Forecasts
March 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:

Louis Aspey (Acting 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