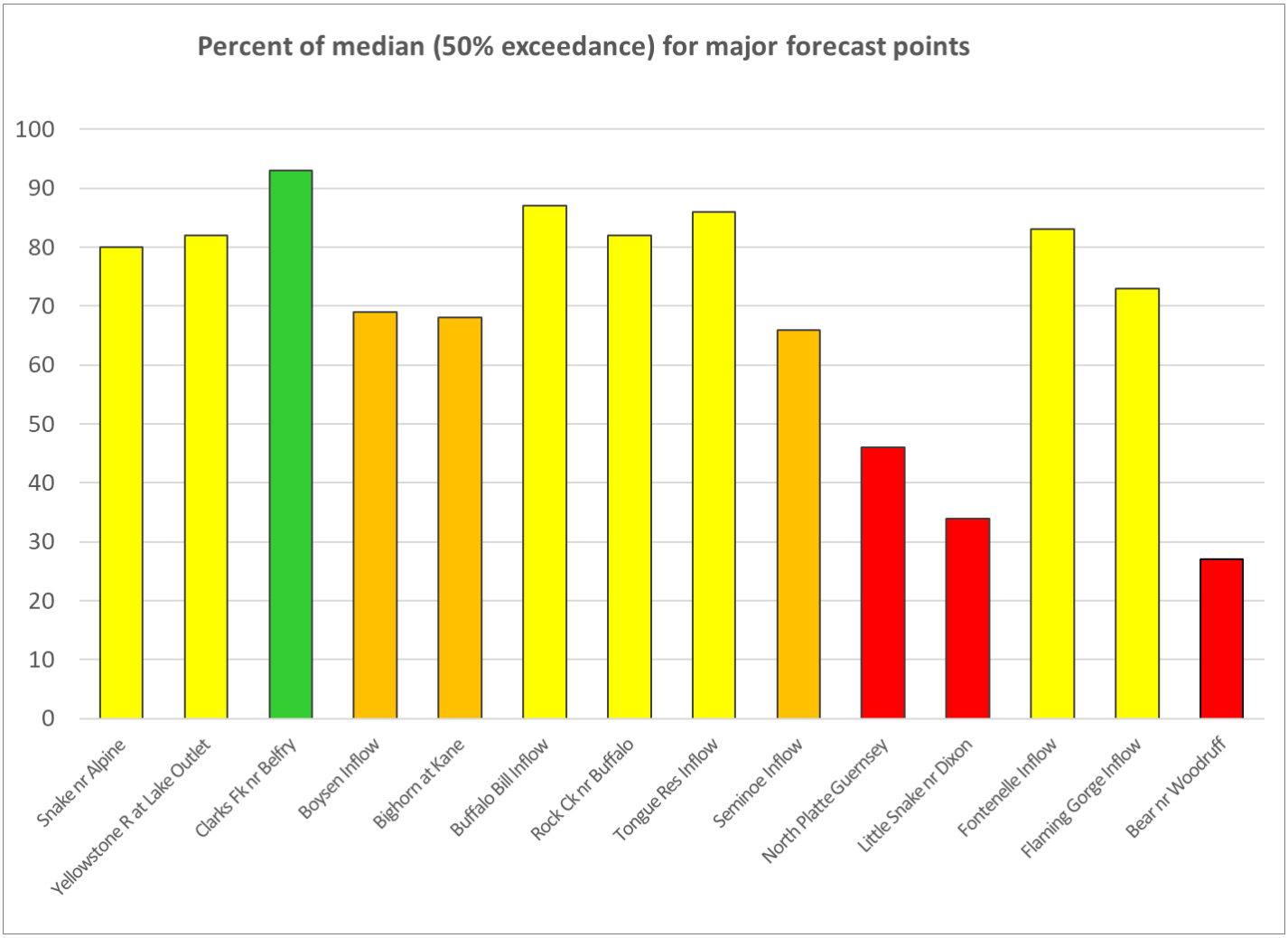
United States
Department of
Agriculture

Wyoming Basin & Water Supply Outlook Report
June 1, 2025

**Natural
Resources
Conservation
Service**

George Peak traveling to North French, photo credit, History of Snow Survey and Water Supply Forecasting Interviews with US Department of Agriculture Pioneers, photo credit USDA-NRCS 1974

Forecasted stream flows for June 1st, 2025



Fifty percent exceedance probability for 0 out of 14 major forecast points are expected to be above 100% of normal. Fifty percent exceedance probability for 1 out of 14 major forecast points above are expected to be near 100% of normal. The highest is the Clarks Fork Yellowstone River near Belfry and is expected to be 93% of normal. Fifty percent exceedance probability for 6 major forecast points listed above are expected to be below 70% 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.

Wyoming Basin & Water Supply Outlook Report

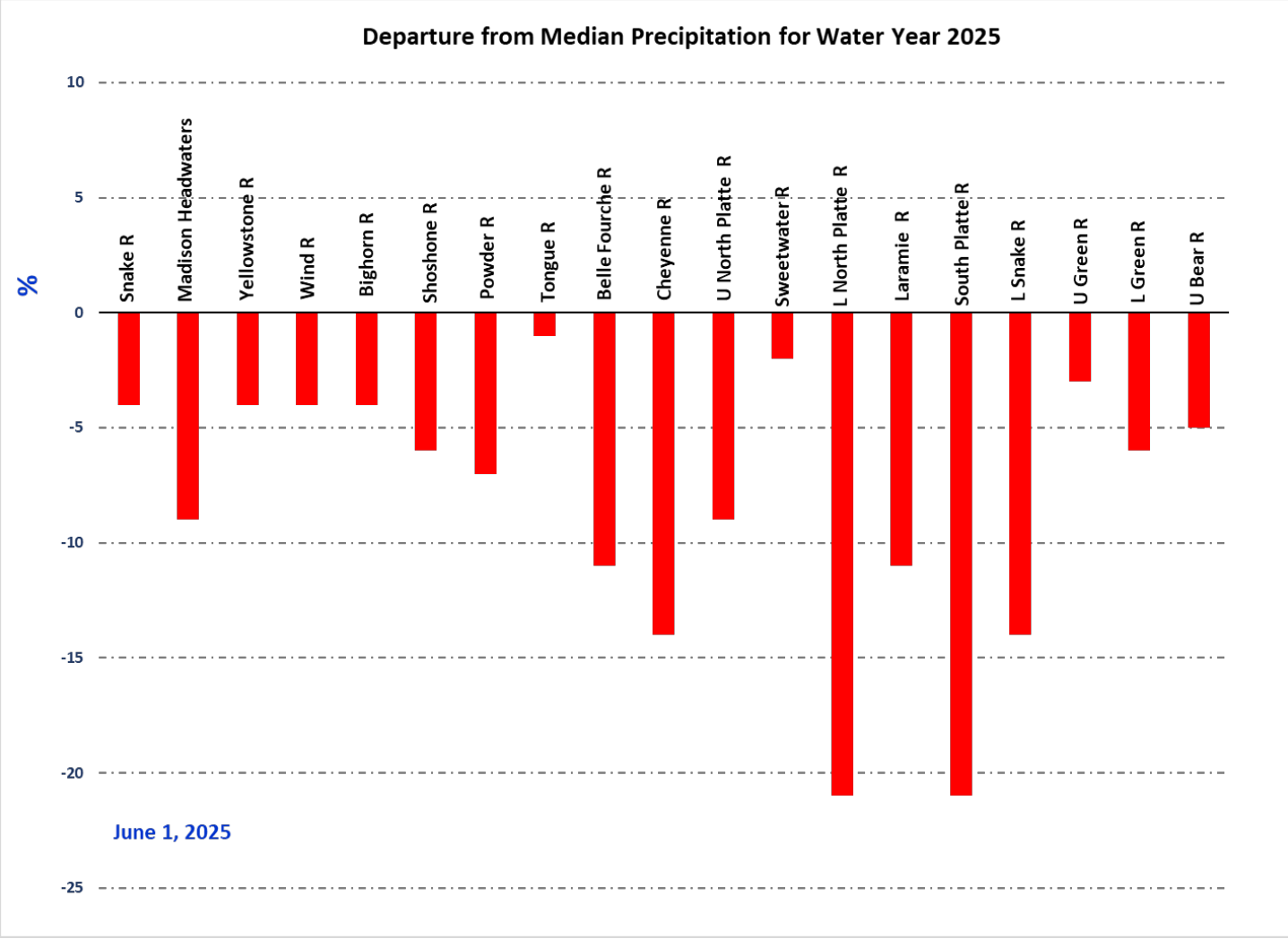
Snowpack

Snow water equivalent (SWE)across Wyoming for June 1st was at 53% of median. SWE in the Tongue River Basin was the highest at 118% of median and lowest for the Sweetwater River Basin at 0% of median. *See the map on page 6 and the Appendix for further information.*

Precipitation

The Tongue Basin had the highest precipitation for the month at 124% of median. The Lower Green Basin had the lowest precipitation amount for the month at 54% 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

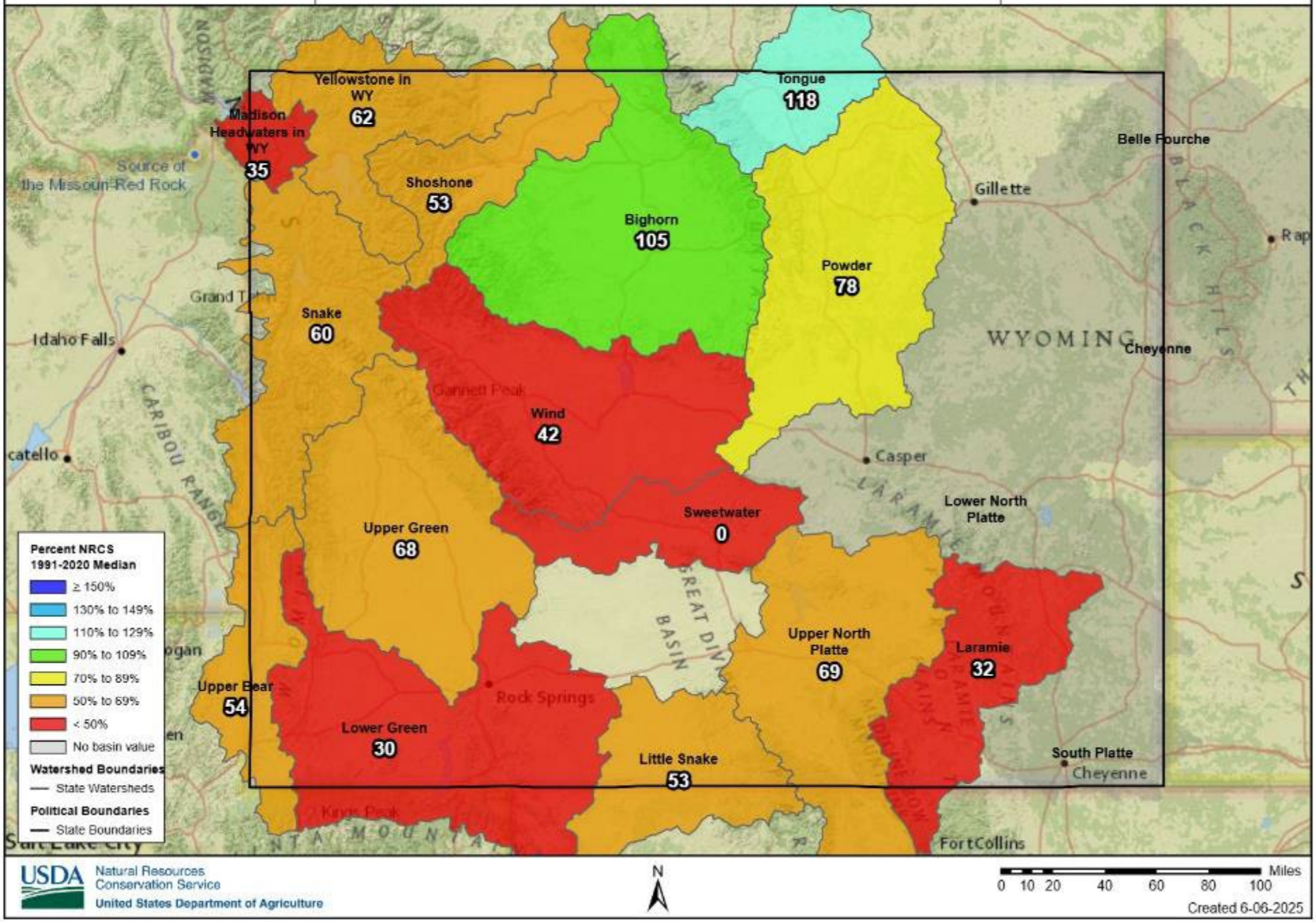
Forecast median streamflow yields for June thru September in Wyoming basins (except Upper Green, Lower Green, Little Snake and Cheyenne) average 73%. Forecast median stream flow yields for June thru July in Upper Green, Lower Green, Little Snake, and Cheyenne average 82%, 66%, 46%, and 40%. The Snake River and Yellowstone River in Wyoming, basins should yield about 78% and 88% of median. Yields from the Wind and Bighorn River basins should be about 83% and 78% of median. Yields from the Shoshone River basin should be 83% of median. Yields from the Powder and Tongue River basins should be about 76% and 89% of median. Yields for the Sweetwater, Upper North Platte, Lower North Platte, and Laramie Rivers of Wyoming should be about 61%, 69%, 48%, and 76% of median, respectively.

Reservoirs

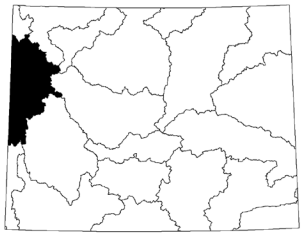
Reservoir storage was 80% of median across the entire state. Reservoirs in the Snake River basin are above median at 109%. Reservoirs in the Wind River basin are near median at 94%. Reservoirs on the Bighorn are 101% of median. The Buffalo Bill Reservoir on the Shoshone is above median at 104%. Reservoirs in the Belle Fourche and Cheyenne River basins are near median at 87% and 81% respectively. Reservoirs on the Upper and Lower North Platte River are above median at 73% and 90% respectively. Reservoirs on the Upper Green River are above median at 99%. Reservoirs on the Lower Green River are near median at 101%. *See below for further information.*

	Reservoir Storage Summary For the End of May 2025								
	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Alcova	180.1	180.5	180.2	184.3	98%	98%	98%	100%	100%
Angostura	85.1	112.2	111.7	122.1	70%	92%	91%	76%	100%
Belle Fourche	157.0	163.1	162.3	178.4	88%	91%	91%	97%	100%
Big Sandy	34.9	50.4	30.3	38.3	91%	132%	79%	115%	166%
Bighorn Lake	874.5	828.6	862.1	1356.0	64%	61%	64%	101%	96%
Boysen	506.0	489.0	509.6	596.0	85%	82%	86%	99%	96%
Buffalo Bill	465.6	481.0	447.7	646.6	72%	74%	69%	104%	107%
Bull Lake	65.0	92.1	95.7	151.8	43%	61%	63%	68%	96%
Deerfield	14.6	15.3	15.3	15.2	96%	101%	101%	95%	100%
Eden	5.8	5.7	6.6	11.8	49%	48%	53%	88%	52%
Flaming Gorge Res	3186.2	3136.4	3144.0	3749.0	85%	84%	84%	101%	100%
Fontenelle	181.1	156.6	188.1	344.8	53%	45%	55%	96%	83%
Glendo	418.9	393.7	482.7	506.4	83%	78%	95%	87%	82%
Grassy Lake	15.3	14.6	15.1	15.2	100%	96%	99%	101%	97%
Guernsey	28.7	27.5	30.9	45.6	63%	60%	68%	93%	89%
High Savery Res	17.5	22.5	21.3	22.4	78%	100%	95%	82%	106%
Jackson Lake	809.1	783.0	741.6	847.0	96%	92%	88%	109%	106%
Keyhole	117.9	132.9	153.3	193.8	61%	69%	79%	77%	87%
Meeks Cabin Res	30.5	26.6	27.0	32.5	94%	82%	83%	113%	99%
Pactola	48.4	55.0	55.7	55.0	88%	100%	101%	87%	99%
Pathfinder	551.9	814.8	637.5	1016.5	54%	80%	63%	87%	128%
Pilot Butte	22.9	19.4	24.0	31.6	73%	61%	76%	96%	81%
Seminoe	430.9	688.1	709.1	1016.7	42%	68%	70%	61%	97%
Stateline Reservoir	9.6	13.8	11.1	12.0	80%	115%	93%	86%	124%
Tongue River Res	NA	80.1	80.7	79.1	NA	101%	102%	NA	99%
Viva Naughton Res	39.0	40.5	42.2	42.4	92%	96%	100%	92%	96%
Wheatland #2	35.3	67.8	60.2	98.9	35%	69%	61%	59%	113%
Woodruff Creek	2.8	4.0	4.0	4.0	70%	100%	100%	70%	100%
Woodruff Narrows Res	51.1	62.4	49.8	57.3	89%	109%	87%	103%	125%
Woodruff Narrows Res	43.7	48.8	49.8	57.3	76%	85%	87%	88%	98%

Snow Water Equivalent	Wyoming Basins Percent NRCS 1991-2020 Median	June 1st, 2025



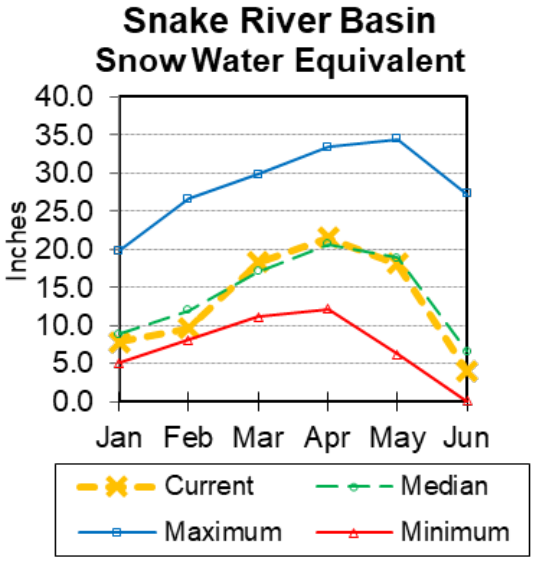
Snake River Basin

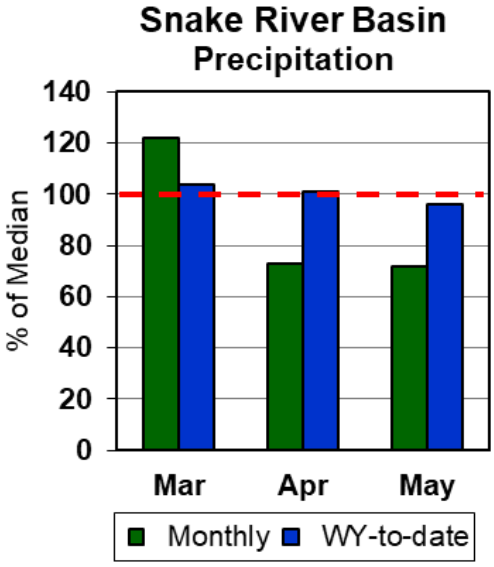


Snow

The overall Snake River basin SWE (portion above Palisades dam) is 60% of median. SWE in the Snake River Basin above Jackson Lake is 41% of median. Pacific Creek basin SWE is 67% of median. Buffalo Fork SWE is 44% of median. Gros Ventre River basin SWE is 35% of median. SWE in the Hoback River drainage is 80% of median. SWE in the Greys River drainage is 84% of median. Salt River Basin SWE is 65% 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 72% of median. Water-year-to-date precipitation is 96% of median.

Reservoirs

Current reservoir storage is 109% 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	15.3	14.6	15.1	15.2	100%	96%	99%	101%	97%
Jackson Lake	809.1	783.0	741.6	847.0	96%	92%	88%	109%	106%
Basin Index					96%	93%	88%	109%	105%
# of reservoirs					2	2	2	2	2

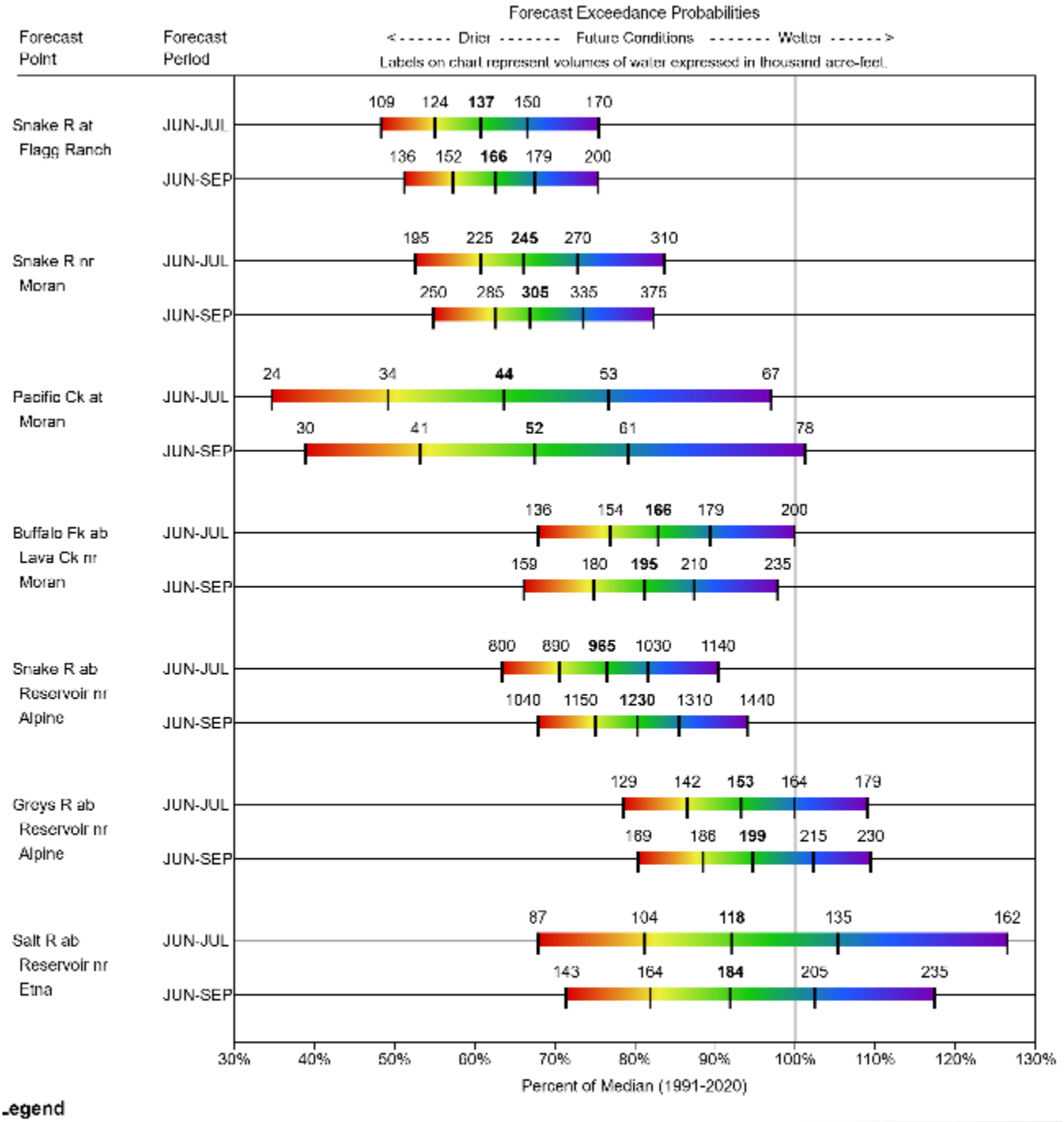
Streamflow

The 50% exceedance forecasts for June through September are below median for this basin. The Snake near Moran yield should be 67% of median. Snake River above reservoir near Alpine will yield about 80%. Pacific Creek near Moran yield will be around 68%. Buffalo Fork above Lava near Moran will be around 81% of median. Greys River above reservoir near Alpine should yield about 95%. Salt River near Etna yield will be about 92%. *See the following graph for further information.*

SNAKE

Water Supply Forecasts

June 1, 2025



Legend

95% or 90% Exceedance — There is a 95%/90% chance that flows will exceed this volume

70% Exceedance — There is a 70% chance that flows will exceed this volume

50% Exceedance — There is a 50% chance that flows will exceed this volume

30% Exceedance — There is a 30% chance that flows will exceed this volume

10% or 5% Exceedance — There is a 10%/5% chance that flows will exceed this volume

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

Period of Record Minimum Streamflow KAF (Year)

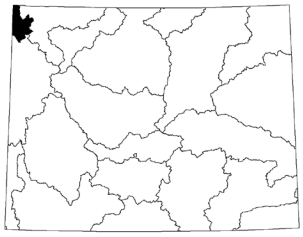
1991-2020 Normal Streamflow KAF

Observed Streamflow KAF

Period of Record Maximum Streamflow KAF (Year)

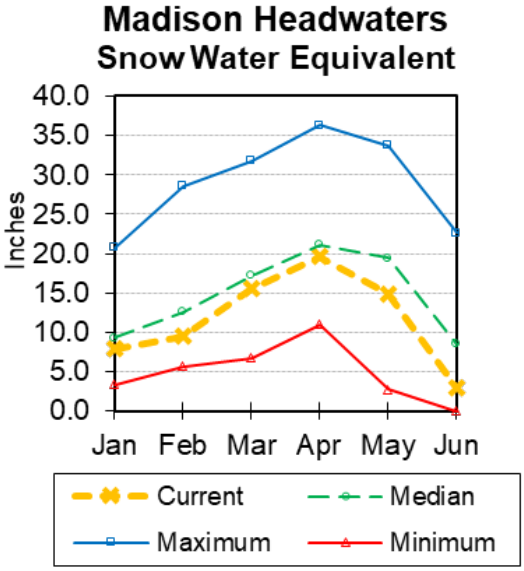
Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

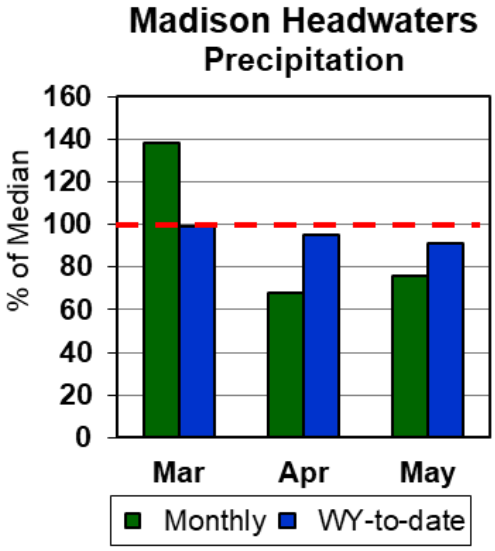
Madison Headwaters in Wyoming



Snow

SWE is 35% 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 76% of median. Water-year-to-date precipitation is at 91% of median.

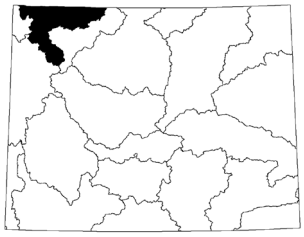
Reservoirs

No reservoir data.

Streamflow

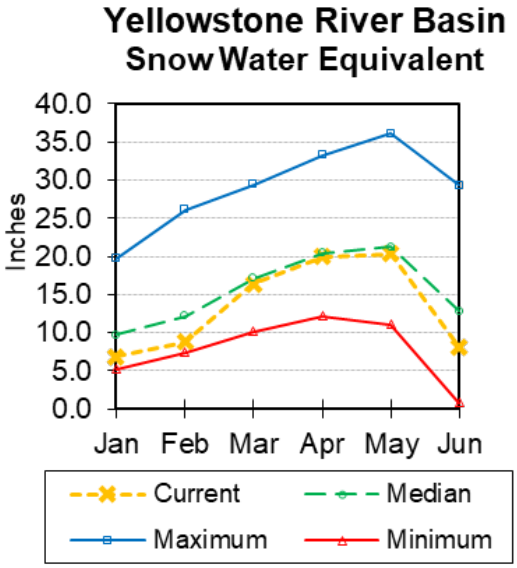
There are no streamflow forecast points for the basin.

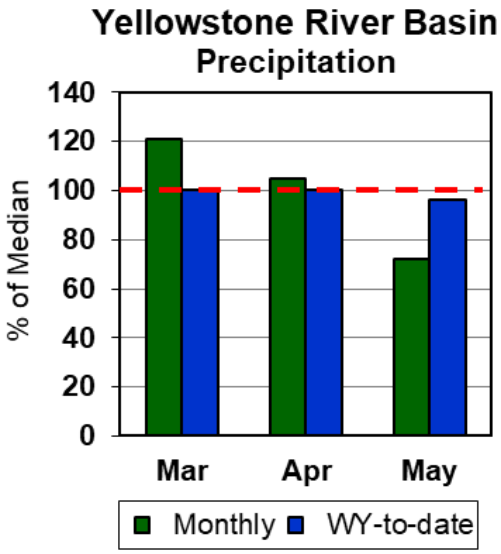
Yellowstone River Basin



Snow

SWE in the Yellowstone River Basin is 63% of median. SWE in the Clarks Fork Drainage of the Yellowstone River basin in Wyoming is 71% 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 72% of median. Water-year-to-date precipitation is 96% of median.

Reservoirs

No reservoir data.

Streamflow

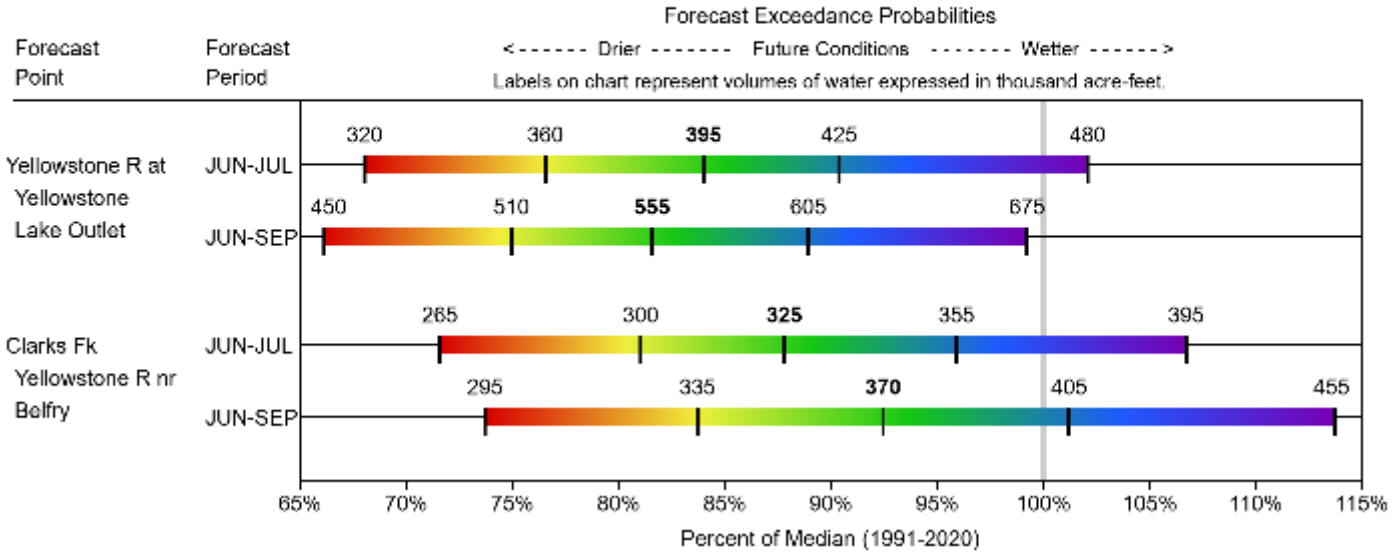
The 50% exceedance forecasts for June through September are near normal for the basin. Yellowstone at Lake Outlet will yield around 82% of median. Clarks Fork of the Yellowstone near Belfry will yield around 93%.

See the following graph for detailed information.

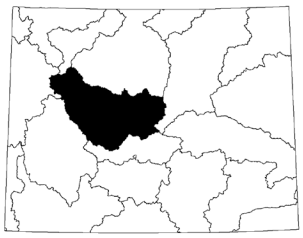
YELLOWSTONE IN WY

Water Supply Forecasts

June 1, 2025

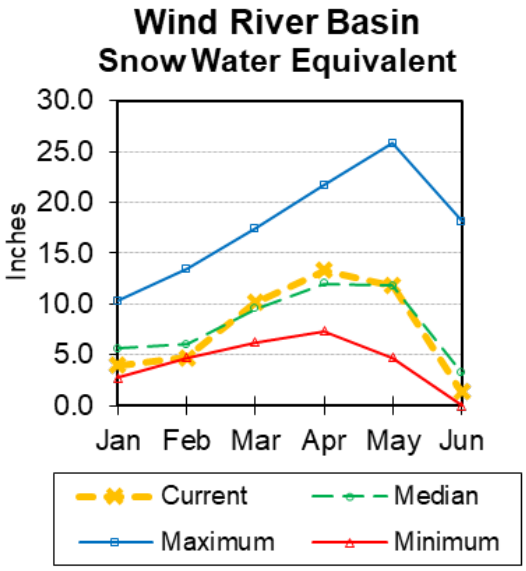


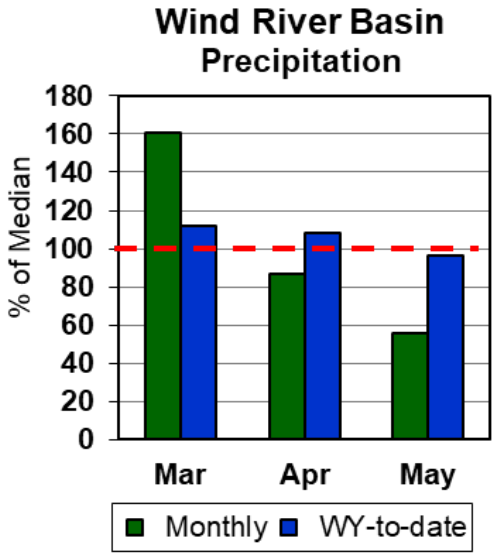
Wind River Basin



Snow

Wind River basin SWE (above Boysen Reservoir) is 42% of median. SWE in the Wind River above Dubois is 44% of median. Little Wind SWE is 72% of median, and Popo Agie drainage SWE is 41% 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 56% of median. Water year-to-date precipitation is 96% of median.

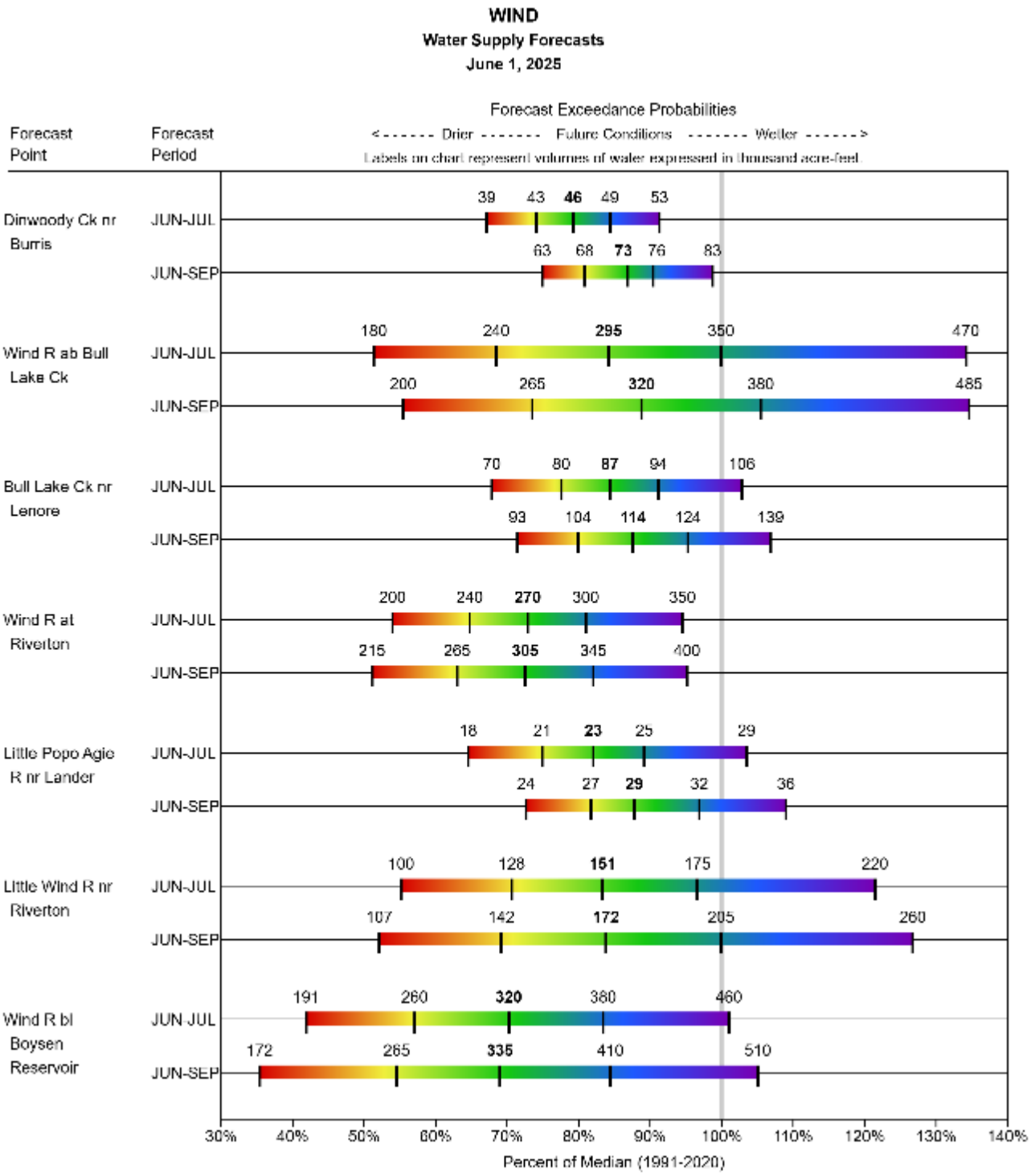
Reservoirs

Current storage is 94% of median in the basin.

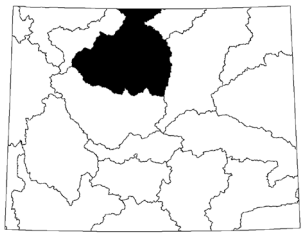
	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Pilot Butte	22.9	19.4	24.0	31.6	73%	61%	76%	96%	81%
Boysen	506.0	489.0	509.6	596.0	85%	82%	86%	99%	96%
Bull Lake	65.0	92.1	95.7	151.8	43%	61%	63%	68%	96%
Basin Index					76%	77%	81%	94%	95%
# of reservoirs					3	3	3	3	3

Streamflow

The 50% exceedance forecasts for the June through September runoff period are below normal for the Wind River. The Wind River above Bull Lake Creek will yield about 89% of median. Little Popo Agie River near Lander should yield around 88% of median. Little Wind River near Riverton will yield around 84% of median. Boysen Reservoir inflow will yield about 69% of median. *See the following graph for detailed runoff volumes.*

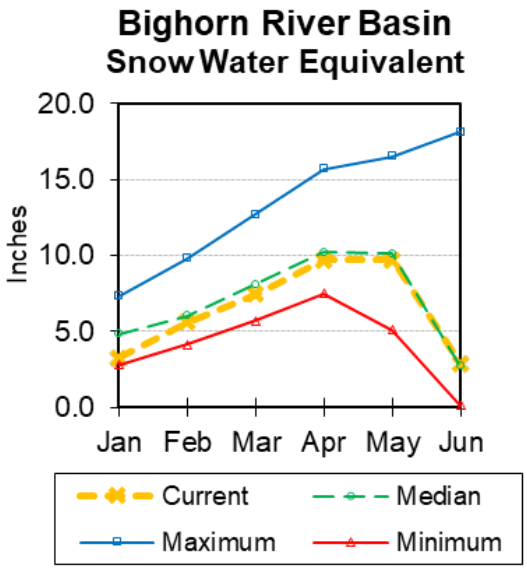

WIND
Water Supply Forecasts
June 1, 2025
Forecast Exceedance Probabilities
Forecast Point
Forecast Period
<------- Drier ------- Future Conditions ------- Wetter ------->
Labels on chart represent volumes of water expressed in thousand acre-feet.
Dinwoody Ck nr Burris
JUN-JUL
39 43 46 49 53
JUN-SEP
63 68 73 76 83
Wind R ab Bull Lake Ck
JUN-JUL
180 240 295 350 470
JUN-SEP
200 265 320 380 485
Bull Lake Ck nr Lenore
JUN-JUL
70 80 87 94 106
JUN-SEP
93 104 114 124 139
Wind R at Riverton
JUN-JUL
200 240 270 300 350
JUN-SEP
215 265 305 345 400
Little Popo Agie R nr Lander
JUN-JUL
18 21 23 25 29
JUN-SEP
24 27 29 32 36
Little Wind R nr Riverton
JUN-JUL
100 128 151 175 220
JUN-SEP
107 142 172 205 260
Wind R bl Boysen Reservoir
JUN JUL
191 260 320 380 460
JUN-SEP
172 265 335 410 510
30% 40% 50% 60% 70% 80% 90% 100% 110% 120% 130% 140%
Percent of Median (1991-2020)

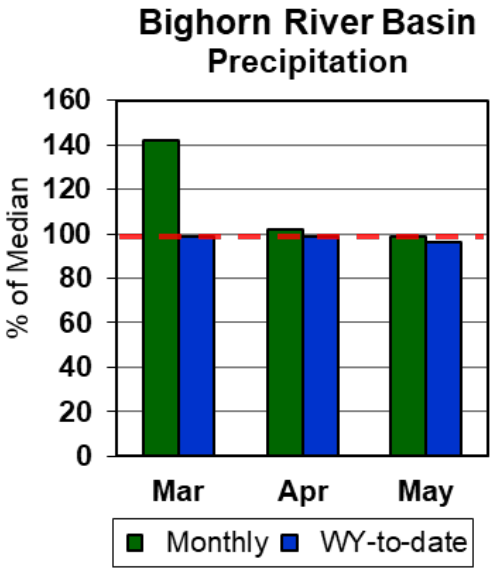
Bighorn River Basin



Snow

The Bighorn River Basin SWE (above Bighorn Reservoir) is 105% of median. The Greybull River SWE is at 0% of median. Shell Creek SWE is at 106% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*





Precipitation

Last month's precipitation was 99% of median. Year-to-date precipitation is 96% of median.

Reservoirs

Current reservoir storage in the basin is 101% of median.

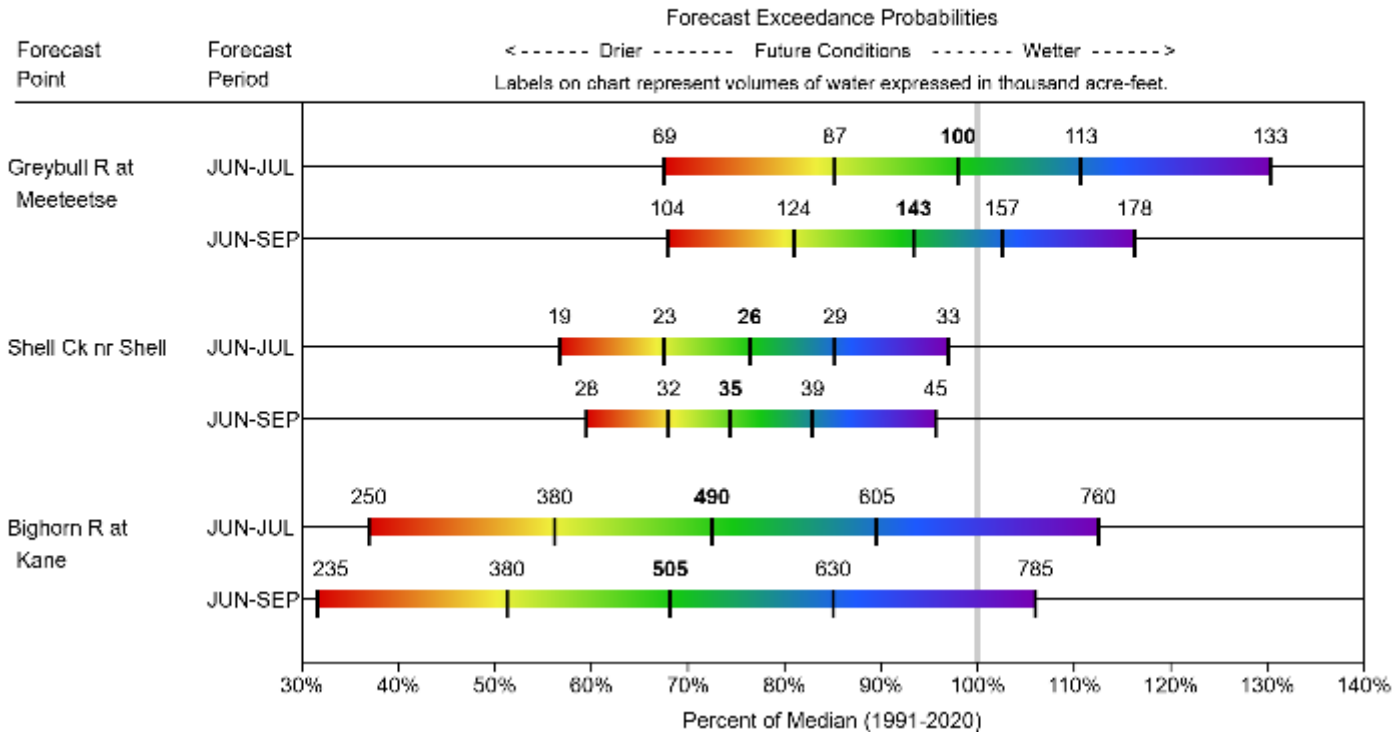
	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Bighorn Lake	874.5	828.6	862.1	1356.0	64%	61%	64%	101%	96%
Basin Index					64%	61%	64%	101%	96%
# of reservoirs					1	1	1	1	1

Streamflow

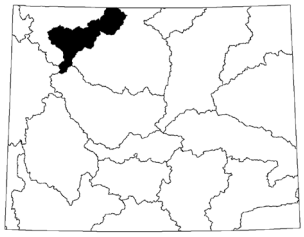
The 50% exceedance forecasts for the June through September runoffs are below normal. The Greybull River near Meeteetse should yield 93% of median. Shell Creek near Shell should yield around 74% of median. The Bighorn River at Kane should yield around 68% of median.

See the following graph for detailed runoff volumes.

BIGHORN
Water Supply Forecasts
June 1, 2025

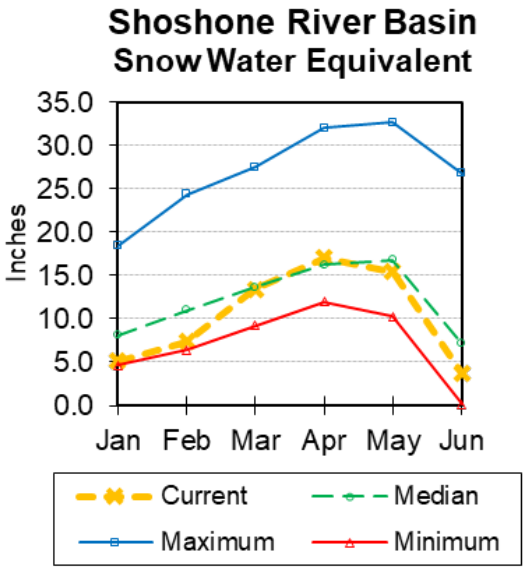


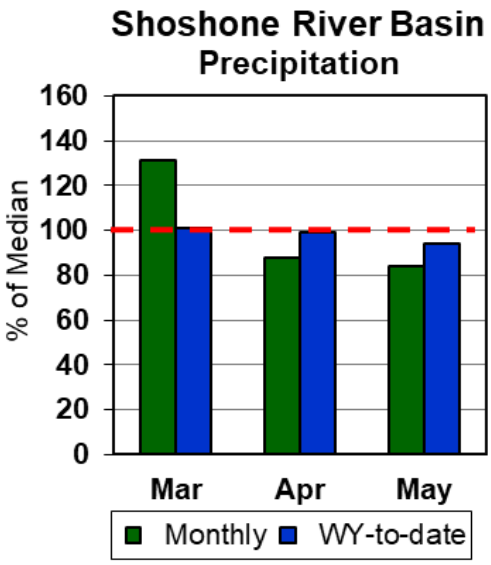
Shoshone River Basin



Snow

Snow Water Equivalent (SWE) is 53% 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 84% of median. The basin year-to-date precipitation is now 94% of median.

Reservoirs

Current storage in Buffalo Bill Reservoir is about 104% 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	465.6	481.0	447.7	646.6	72%	74%	69%	104%	107%
Basin Index					72%	74%	69%	104%	107%
# of reservoirs					1	1	1	1	1

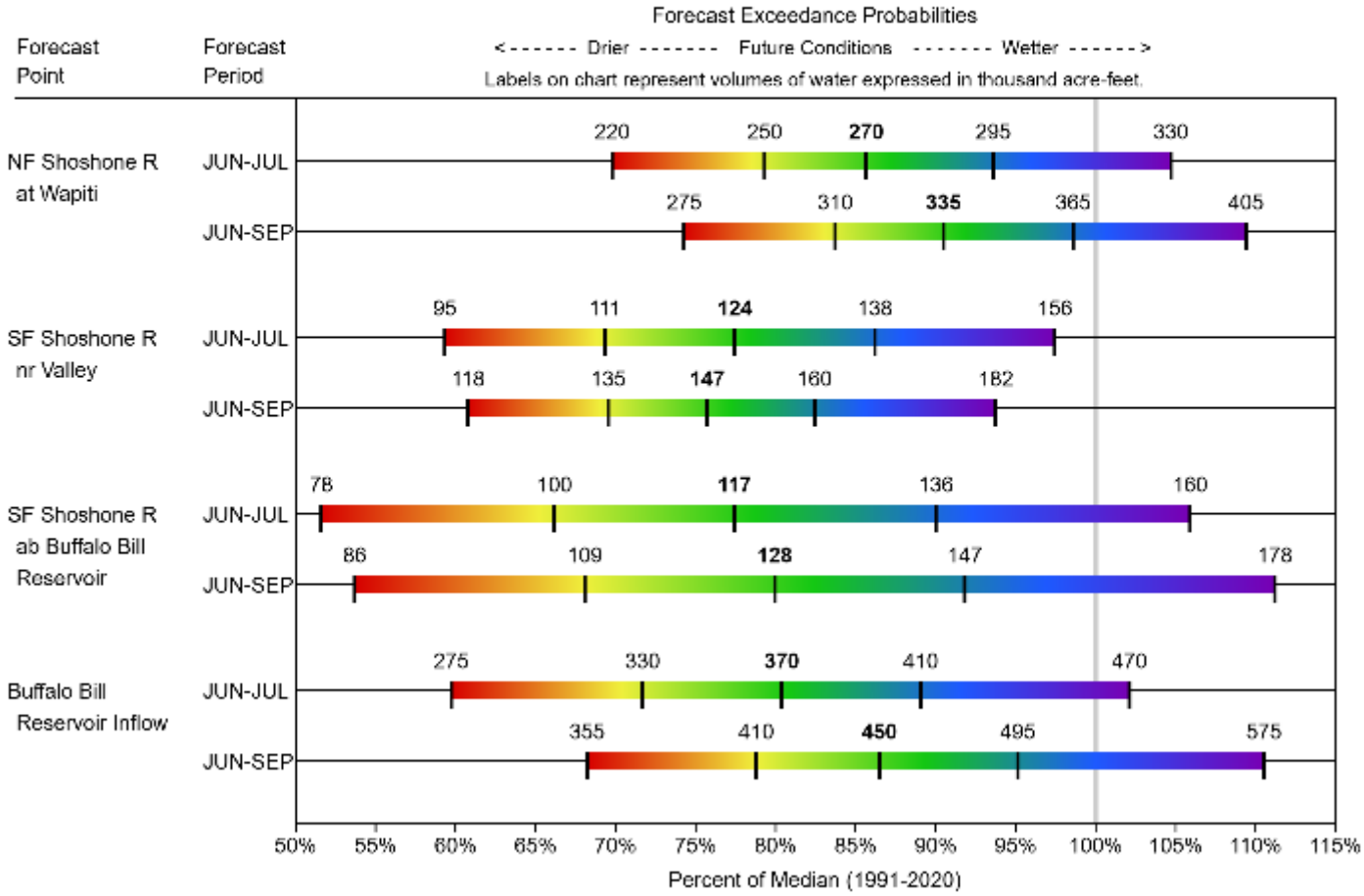
Streamflow

The 50% exceedance forecasts for the June through September period are below normal for the basin. The North Fork Shoshone River at Wapiti should yield 91% of median. The South Fork of the Shoshone River near Valley should yield 76% of median. The Buffalo Bill Reservoir inflow should yield 87% of median. *See the following graph for detailed runoff volumes.*

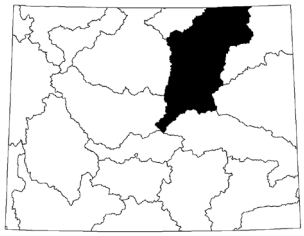
SHOSHONE

Water Supply Forecasts

June 1, 2025

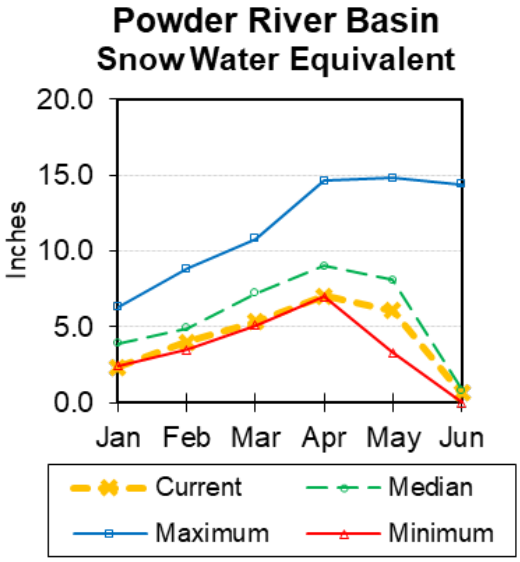


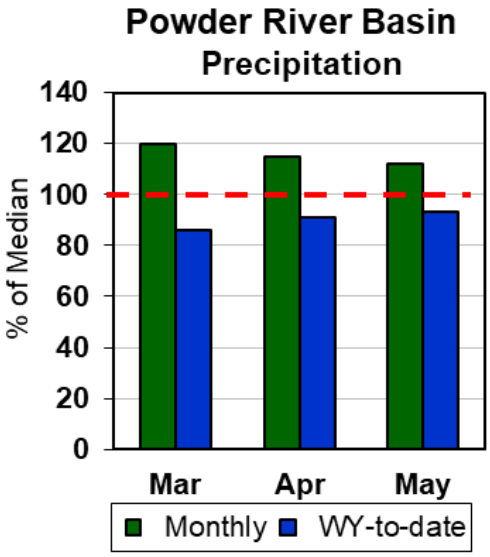
Powder River Basin



Snow

Powder River Basin SWE is at 78% of median. SWE in the Clear Creek drainage 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 112% of median in the basin. Year-to-date precipitation is 93% of median.

Reservoirs

No reservoir data for this basin.

Streamflow

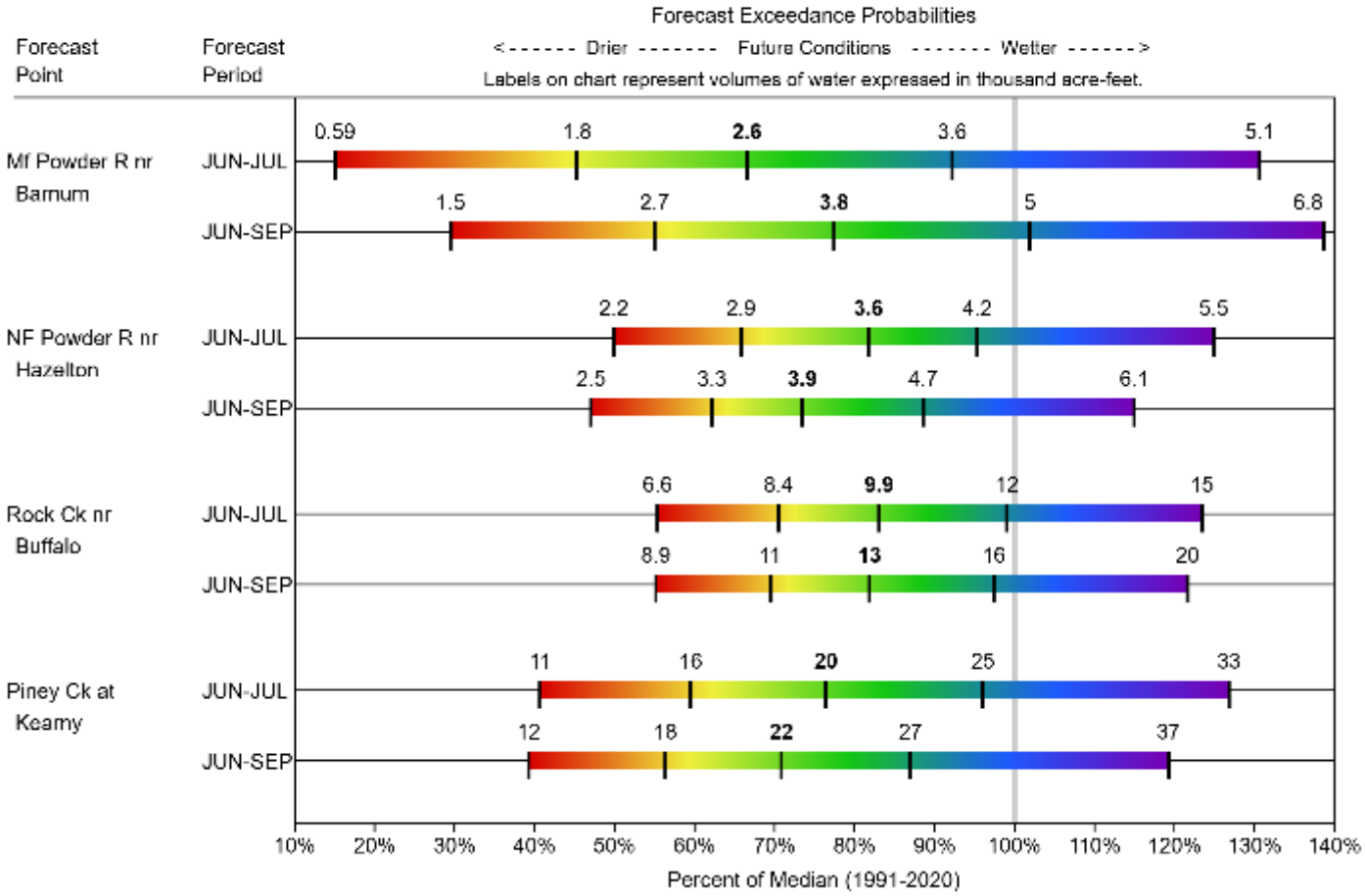
The 50% exceedance forecasts for the June through September period are below normal for the basin. The Middle Fork of the Powder River near Barnum should yield around 78% of median. The North Fork of the Powder River near Hazelton to yield around 74% of median.

See the following graph for detailed runoff volumes.

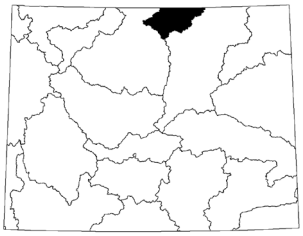
POWDER

Water Supply Forecasts

June 1, 2025

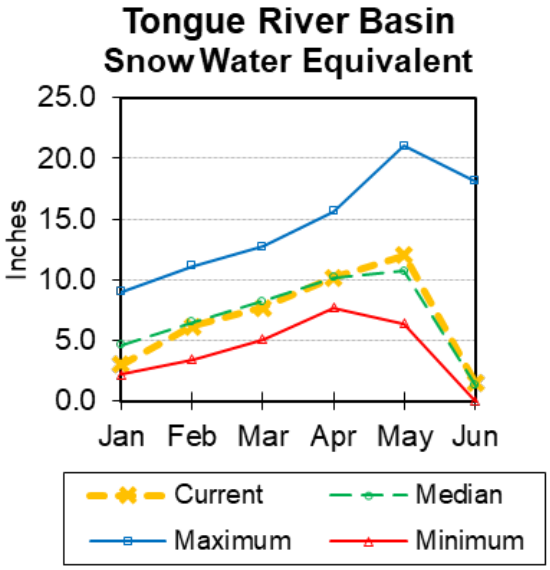


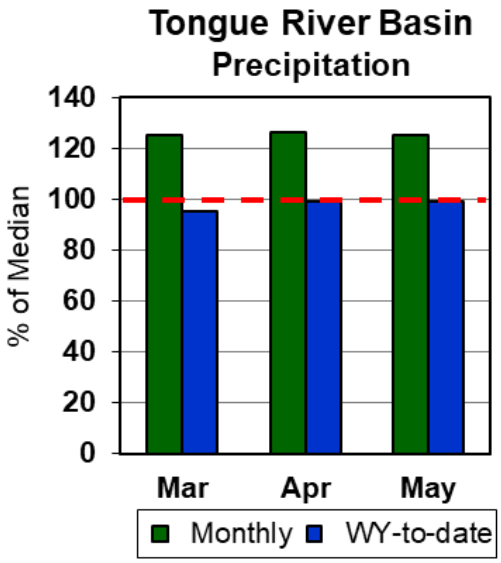
Tongue River Basin



Snow

Upper Tongue River drainage SWE is at 118% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*





Precipitation

Last month's precipitation was 124% of median. Year-to-date precipitation is 99% of median in the basin.

Reservoirs

No reservoir data for this basin.

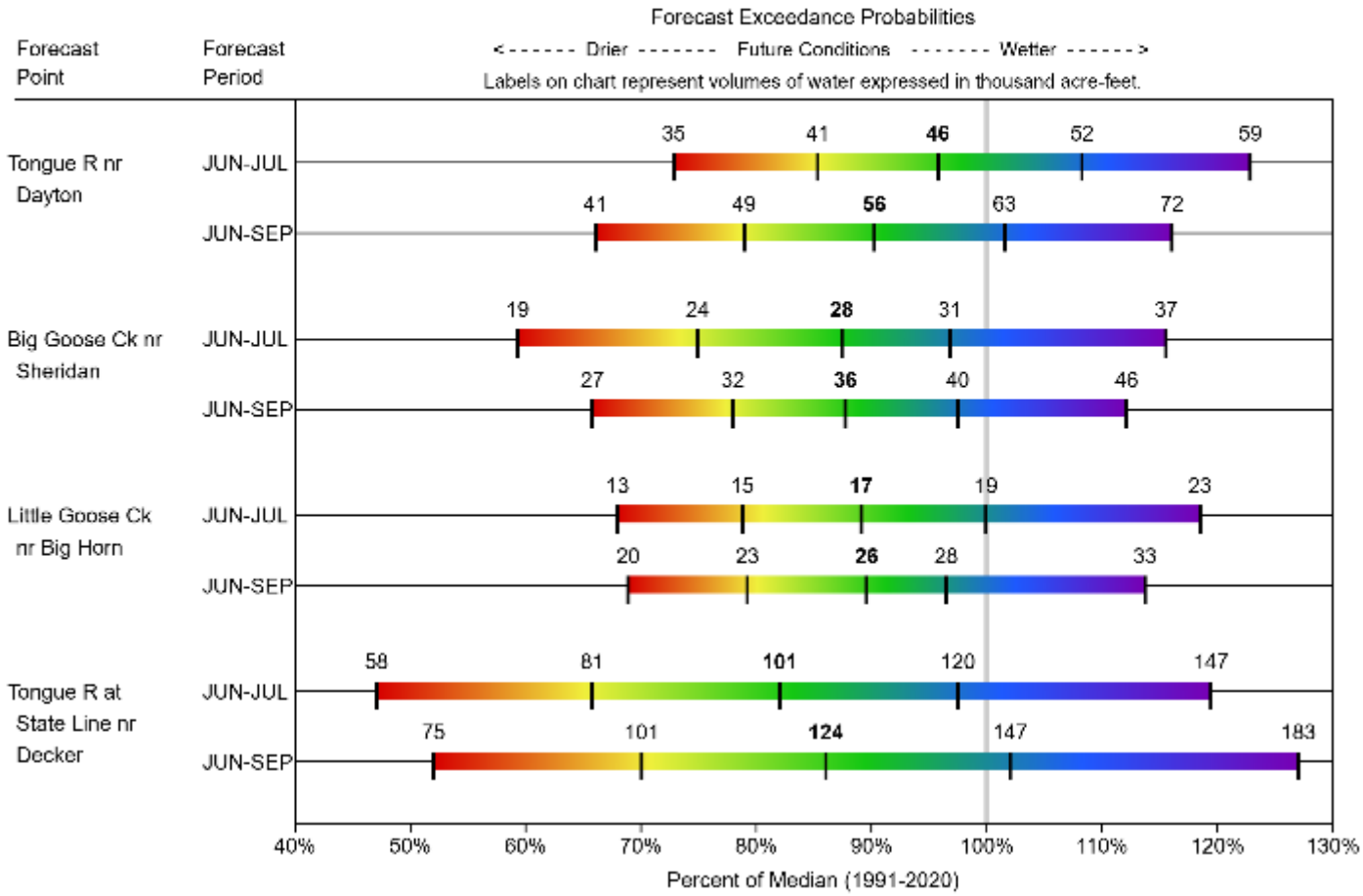
Streamflow

The 50% exceedance forecasts for the June through September period are near normal for the basin. The yield for Tongue River near Dayton is forecasted to be 90% of median. Big Goose Creek near Sheridan should yield around 88%. Little Goose Creek near Bighorn should yield 90% of median. The Tongue River Reservoir Inflow should yield 86% of median. *See below for detailed runoff volumes.*

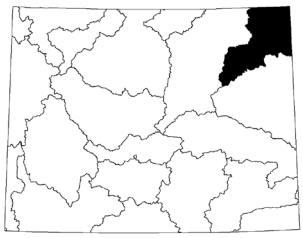
TONGUE

Water Supply Forecasts

June 1, 2025

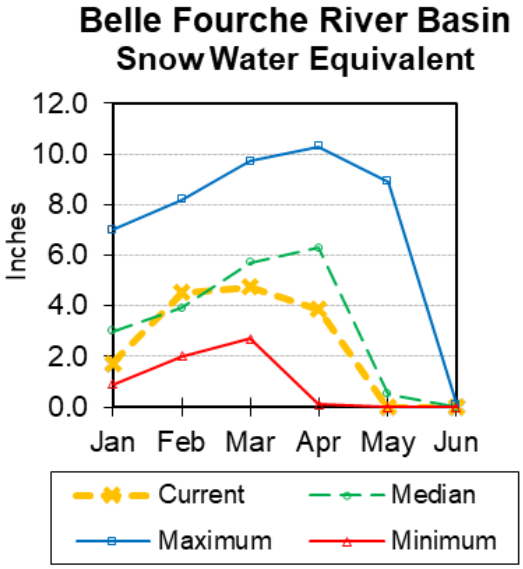


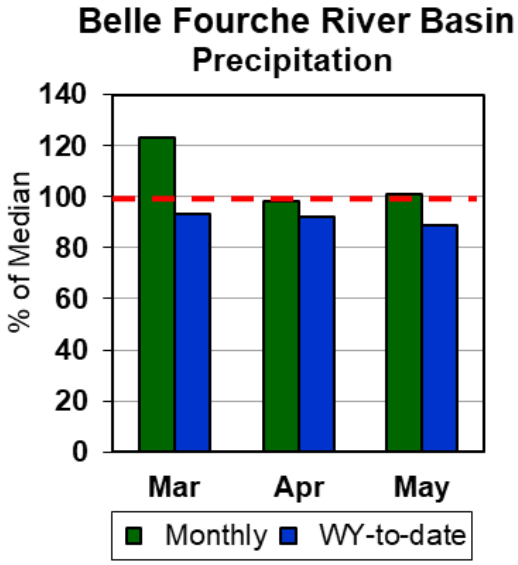
Belle Fourche River Basin



Snow

Currently the Belle Fourche River Basin SWE is at 0. *See Appendix at the end of this report for a detailed listing of snow course information.*





Precipitation

Precipitation for last month was 101% of median in the Belle Fourche basin. Year-to-date precipitation is 89% of median.

Reservoirs

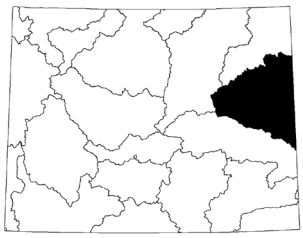
Combined storage for the 2 reservoirs in the basin is at 87% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Belle Fourche	157.0	163.1	162.3	178.4	88%	91%	91%	97%	100%
Keyhole	117.9	132.9	153.3	193.8	61%	69%	79%	77%	87%
Basin Index					74%	80%	85%	87%	94%
# of reservoirs					2	2	2	2	2

Streamflow

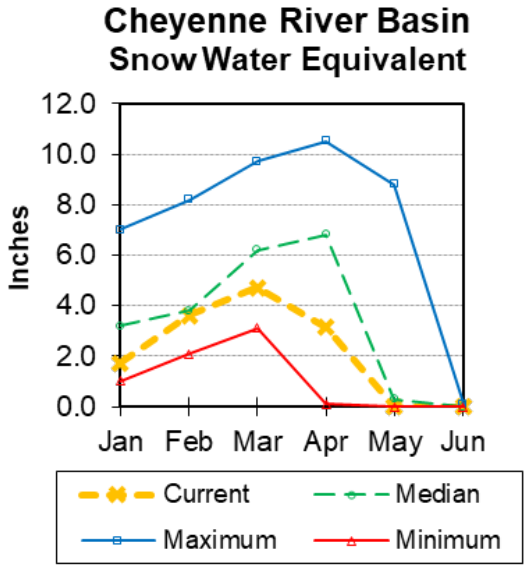
There are no streamflow forecast points for the basin.

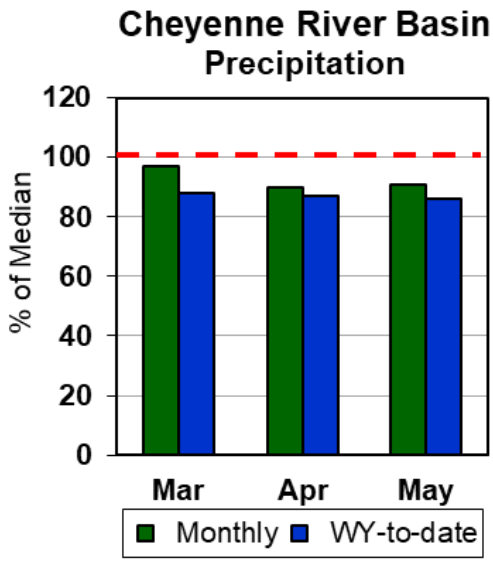
Cheyenne River Basin



Snow

Currently SWE for sites in the Cheyenne River Basin are at 0. *See Appendix at the end of this report for a detailed listing.*





Precipitation

Precipitation for last month was 91% of median. Year-to-date precipitation is 86% of median.

Reservoirs

Combined storage for the 3 reservoirs in the basin is at 81% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Deerfield	14.6	15.3	15.3	15.2	96%	101%	101%	95%	100%
Pactola	48.4	55.0	55.7	55.0	88%	100%	101%	87%	99%
Angostura	85.1	112.2	111.7	122.1	70%	92%	91%	76%	100%
Basin Index					77%	95%	95%	81%	100%
# of reservoirs					3	3	3	3	3

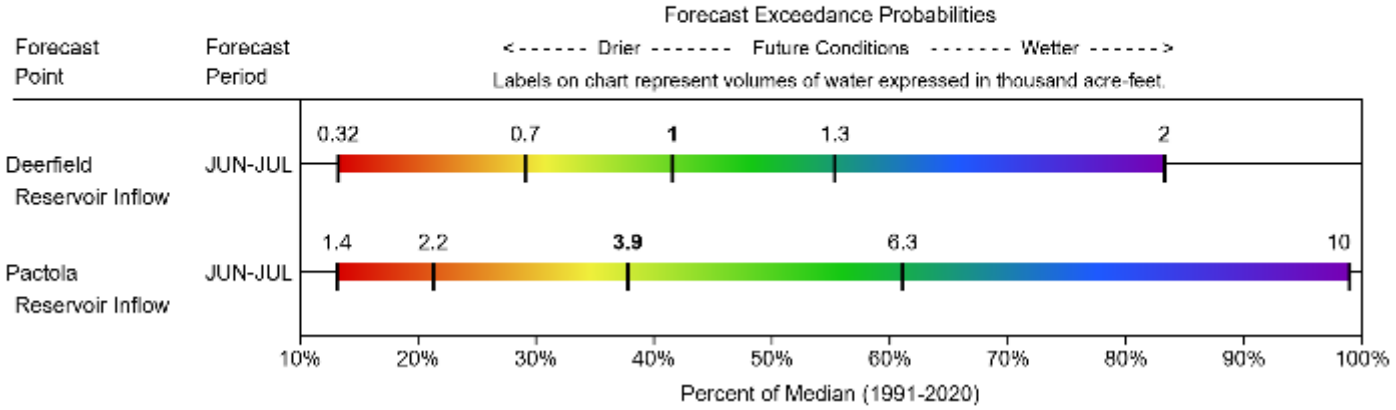
Streamflow

The 50% exceedance forecasts for the June through July period are below normal. The Deerfield Reservoir Inflow yield is forecasted at 42% of median. Pactola Reservoir Inflow yield should be 38% of median. *See the following graph for detailed runoff volumes.*

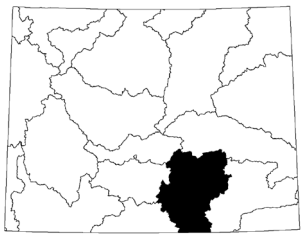
CHEYENNE

Water Supply Forecasts

June 1, 2025



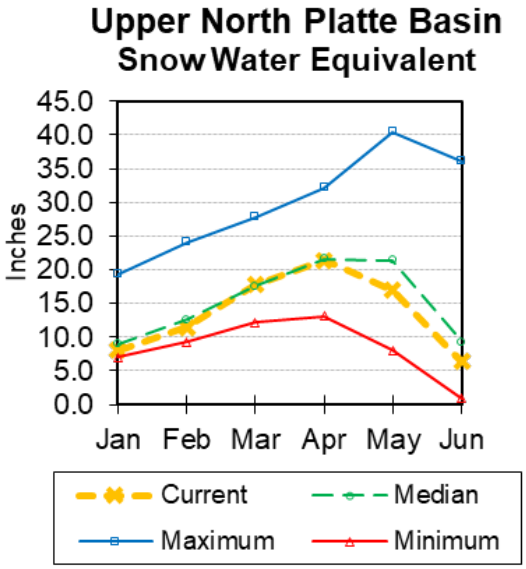
Upper North Platte River Basin

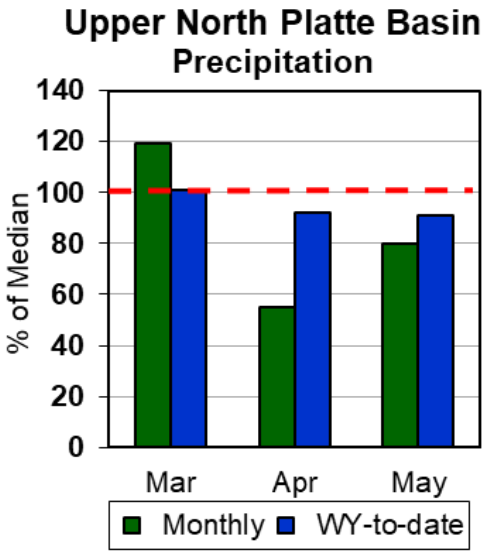


Snow

The Upper North Platte River basin SWE is 69% of median. North Platte above Northgate SWE is 76% of median. Encampment River SWE is 40% of median. Medicine Bow and Rock Creek SWE are 98% of median.

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





Precipitation

Last month's precipitation was 80% of median. Total water-year-to-date precipitation is 91% of median.

Reservoirs

Combined storage for reservoirs in the Upper North Platte River Basin is at 73% of median.

	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Seminoe	430.9	688.1	709.1	1016.7	42%	68%	70%	61%	97%
Pathfinder	551.9	814.8	637.5	1016.5	54%	80%	63%	87%	128%
Basin Index					48%	74%	66%	73%	112%
# of reservoirs					2	2	2	2	2

Streamflow

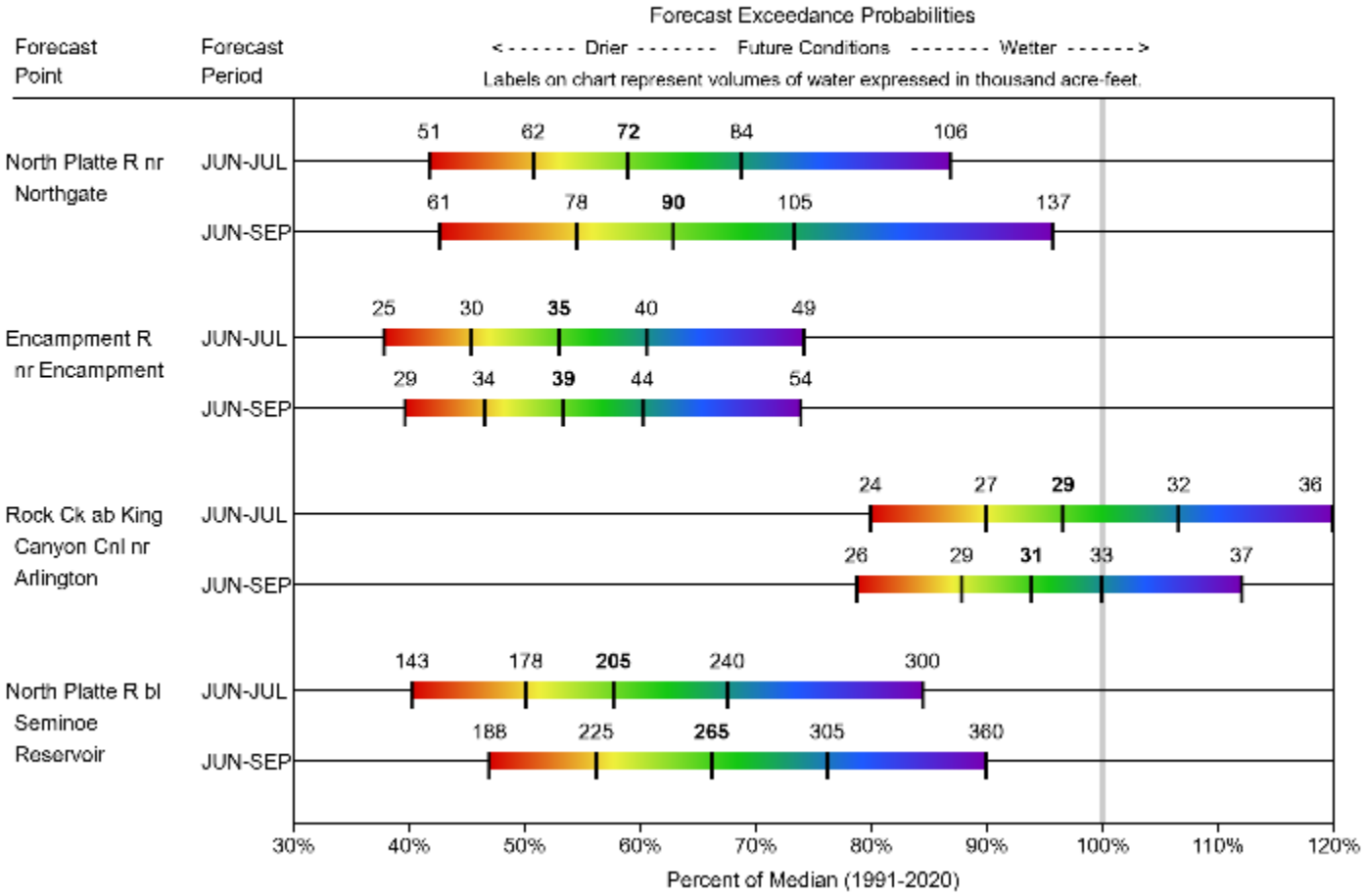
The 50% exceedance forecasts for the June through September period are below normal for the Upper North Platte River Basin. The yield for the North Platte River near Northgate will be around 63% of median. The Encampment River near Encampment yield will be about 53%. Rock Creek near Arlington yield will be around 94%. Seminoe Reservoir inflow should be about 66% of median.

See the following page for more detailed information on projected runoff

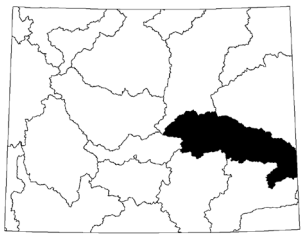
UPPER NORTH PLATTE

Water Supply Forecasts

June 1, 2025

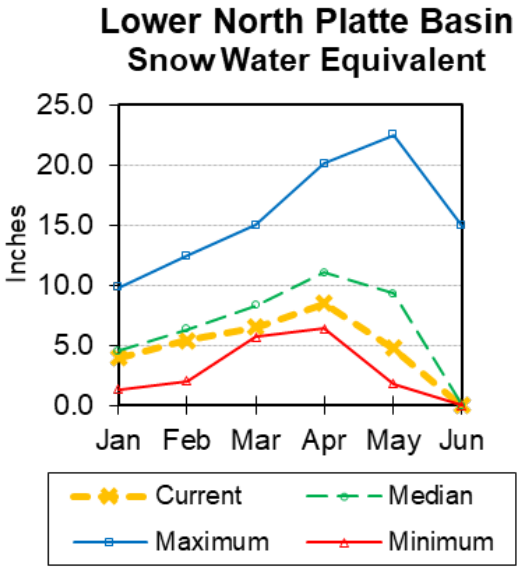


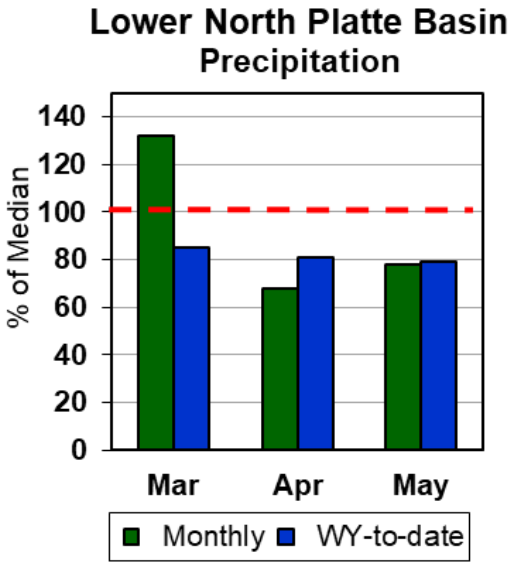
Lower North Platte River Basin



Snow

Currently, SWE in the Lower North Platte River Basin is 0. *See Appendix at the end of this report for a detailed listing of snow course information.*





Precipitation

Last month's precipitation was 78% of median. The water year-to-date precipitation for the basin is currently 79% 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	28.7	27.5	30.9	45.6	63%	60%	68%	93%	89%
Glendo	418.9	393.7	482.7	506.4	83%	78%	95%	87%	82%
Alcova	180.1	180.5	180.2	184.3	98%	98%	98%	100%	100%
Basin Index					85%	82%	94%	90%	87%
# of reservoirs					3	3	3	3	3

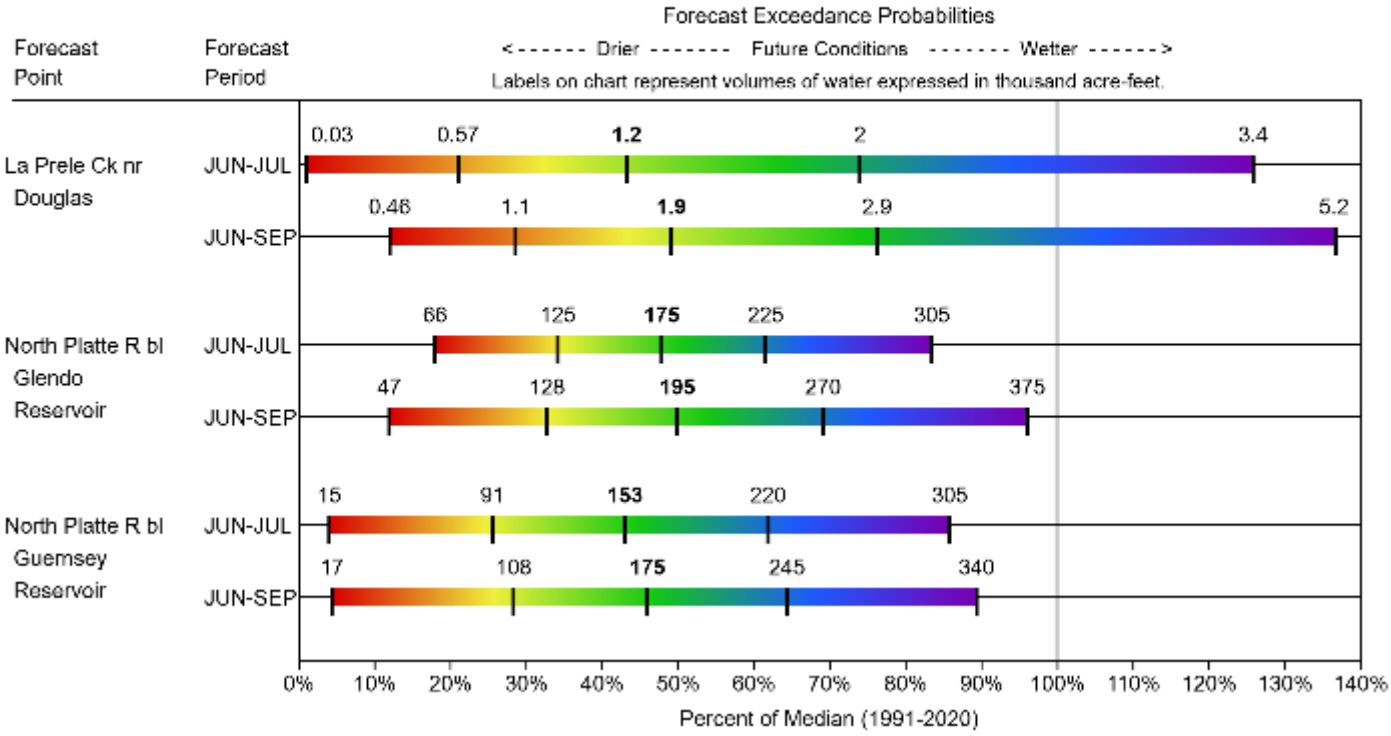
Streamflow

The 50% exceedance forecasts for the June through September period are below normal. LaPrele Creek near Douglas is forecasted to yield 49% of median. North Platte River below Guernsey Reservoir should yield around 46% of median. *See the following for more detailed information on projected runoff.*

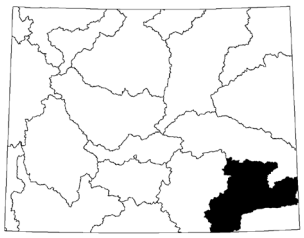
LOWER NORTH PLATTE

Water Supply Forecasts

June 1, 2025

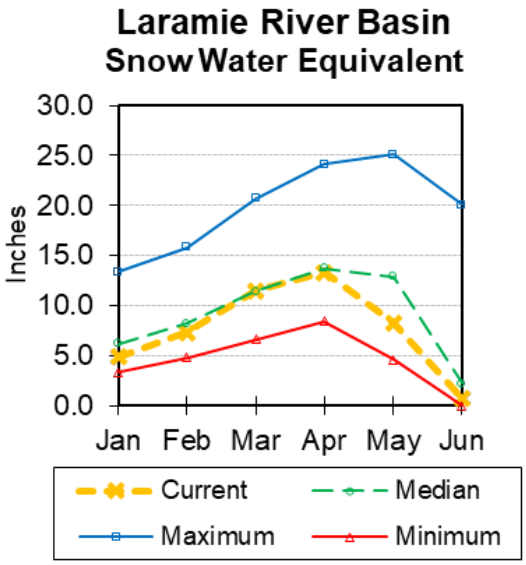


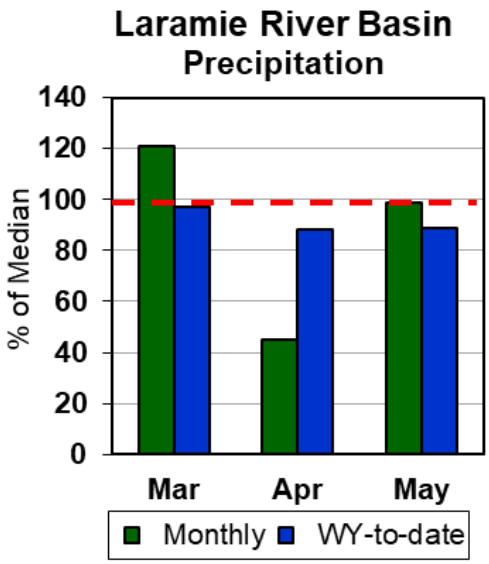
Laramie River Basin



Snow

SWE for the entire Laramie River Basin (above mouth entering North Platte) is 32% of median. SWE for the Laramie River above Laramie is 0% of median. SWE for the Little Laramie River is 80% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*





Precipitation

Last month's precipitation was 99% of median. The water year-to-date precipitation for the basin is currently 89% of median.

Reservoirs

The storage for the reservoir in this basin is at 59% 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	35.3	67.8	60.2	98.9	35%	69%	61%	59%	113%
Basin Index					35%	69%	61%	59%	113%
# of reservoirs					1	1	1	1	1

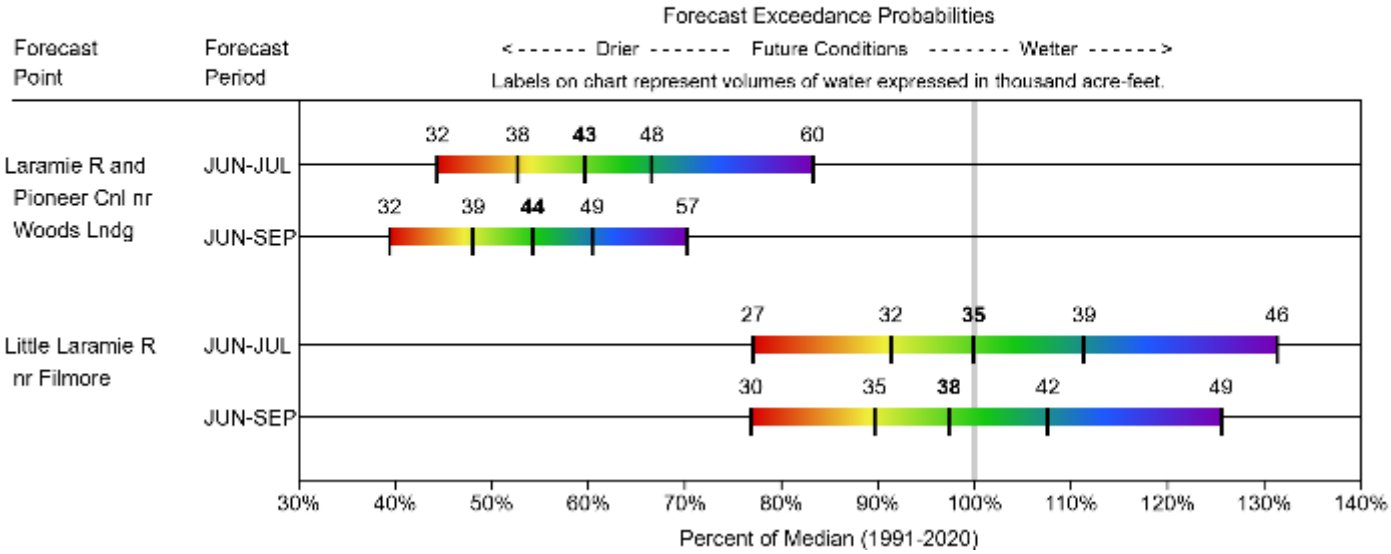
Streamflow

The 50% exceedance forecasts for the June through September period are below normal. Laramie River near Woods Landing is forecasted to yield around 54% of median. The Little Laramie near Filmore should produce about 97% of median. *See the following graph for detailed runoff volumes.*

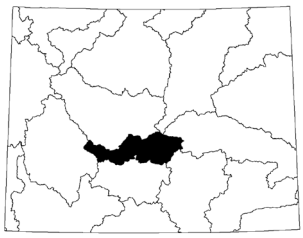
LARAMIE

Water Supply Forecasts

June 1, 2025

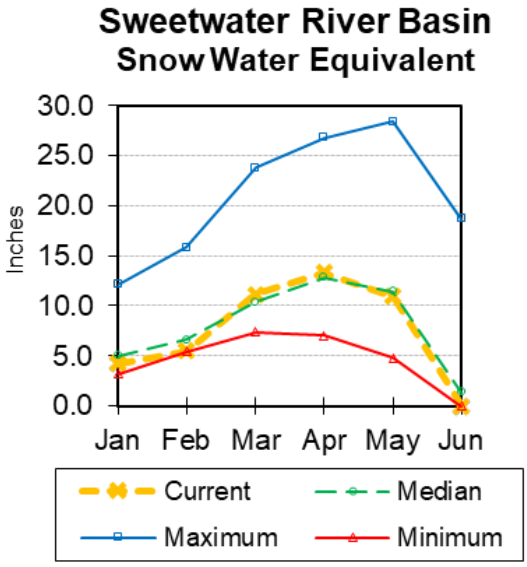


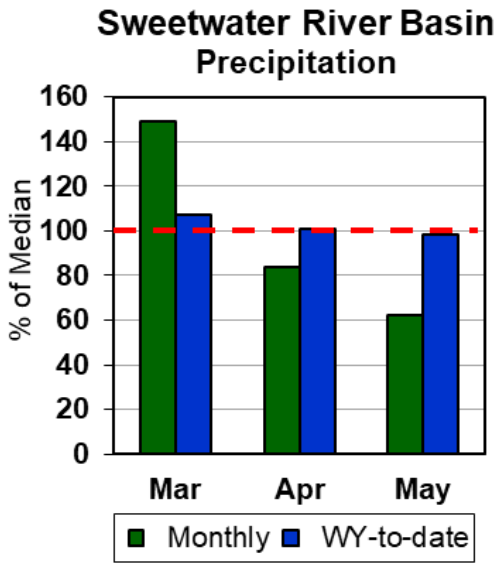
Sweetwater River Basin



Snow

Sweetwater River Basin SWE is at 0% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*





Precipitation

Last month's precipitation was 62% of median. The water year-to-date precipitation for the basin is currently 98% of median.

Reservoirs

No reservoir data for the basin.

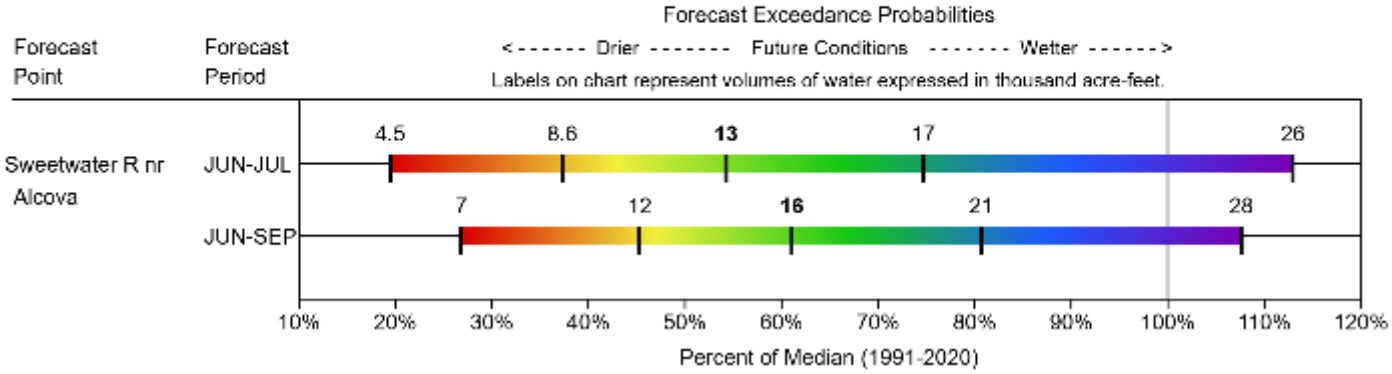
Streamflow

The 50% exceedance forecasts for the June through September period in the Sweetwater Basin is below normal. The Sweetwater River near Alcova will yield about 61% of median. *See below for detailed information on projected runoff.*

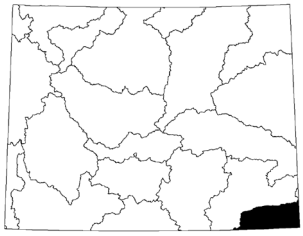
SWEETWATER

Water Supply Forecasts

June 1, 2025

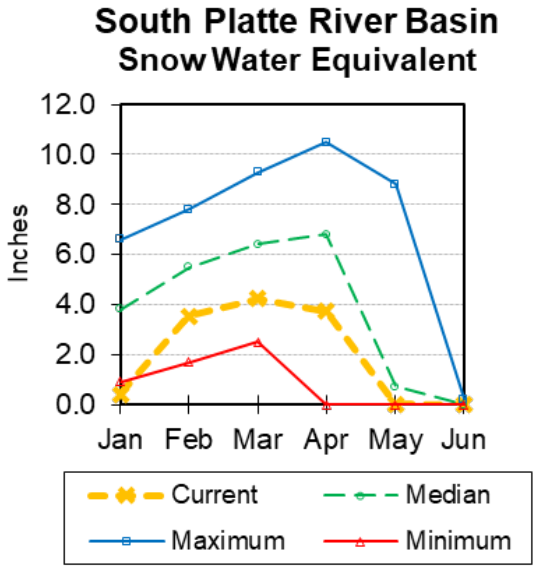


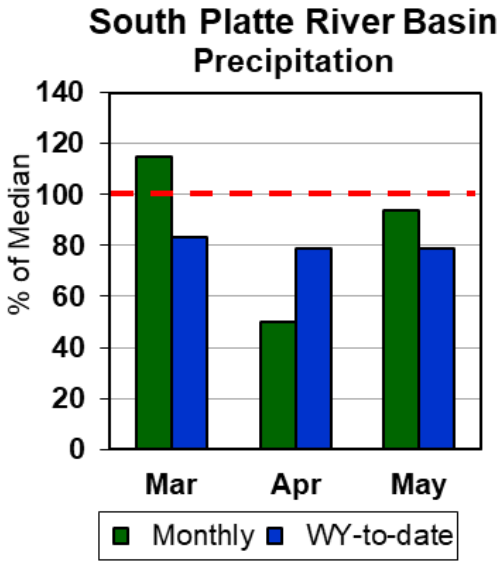
South Platte River Basin (WY)



Snow

The median SWE for sites in the South Platte River Basin is 0. *See Appendix at the end of this report for a detailed listing of snow course information.*





Precipitation

Last month's precipitation was 94% of median. The water year-to-date precipitation for the basin is currently 79% of median.

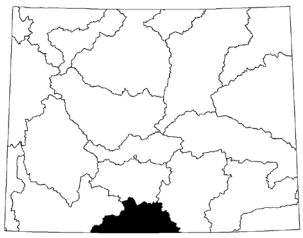
Reservoirs

No reservoir data for the basin.

Streamflow

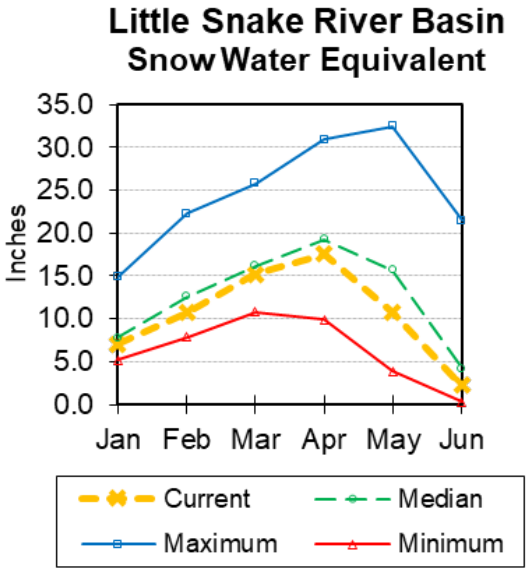
There are no streamflow forecast points for the basin.

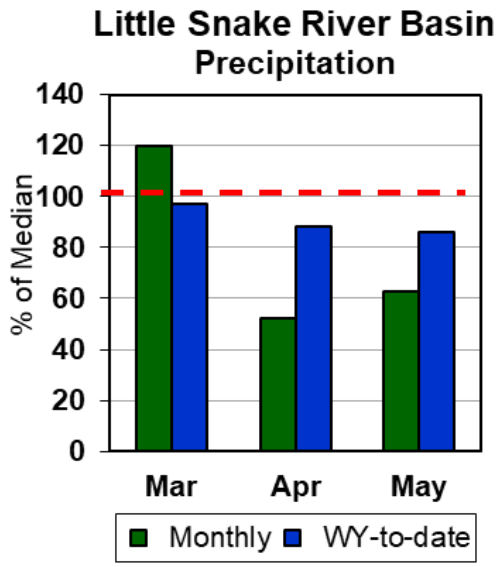
Little Snake River Basin



Snow

Little Snake River drainage SWE is 53% of median. See *Appendix at the end of this report for a detailed listing of snow course information.*





Precipitation

Precipitation across the basin was 63% of median. The Little Snake River Basin water-year-to-date precipitation is currently 86% of median.

Reservoirs

The storage for the reservoir in this basin is at 82% 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	17.5	22.5	21.3	22.4	78%	100%	95%	82%	106%
Basin Index					78%	100%	95%	82%	106%
# of reservoirs					1	1	1	1	1

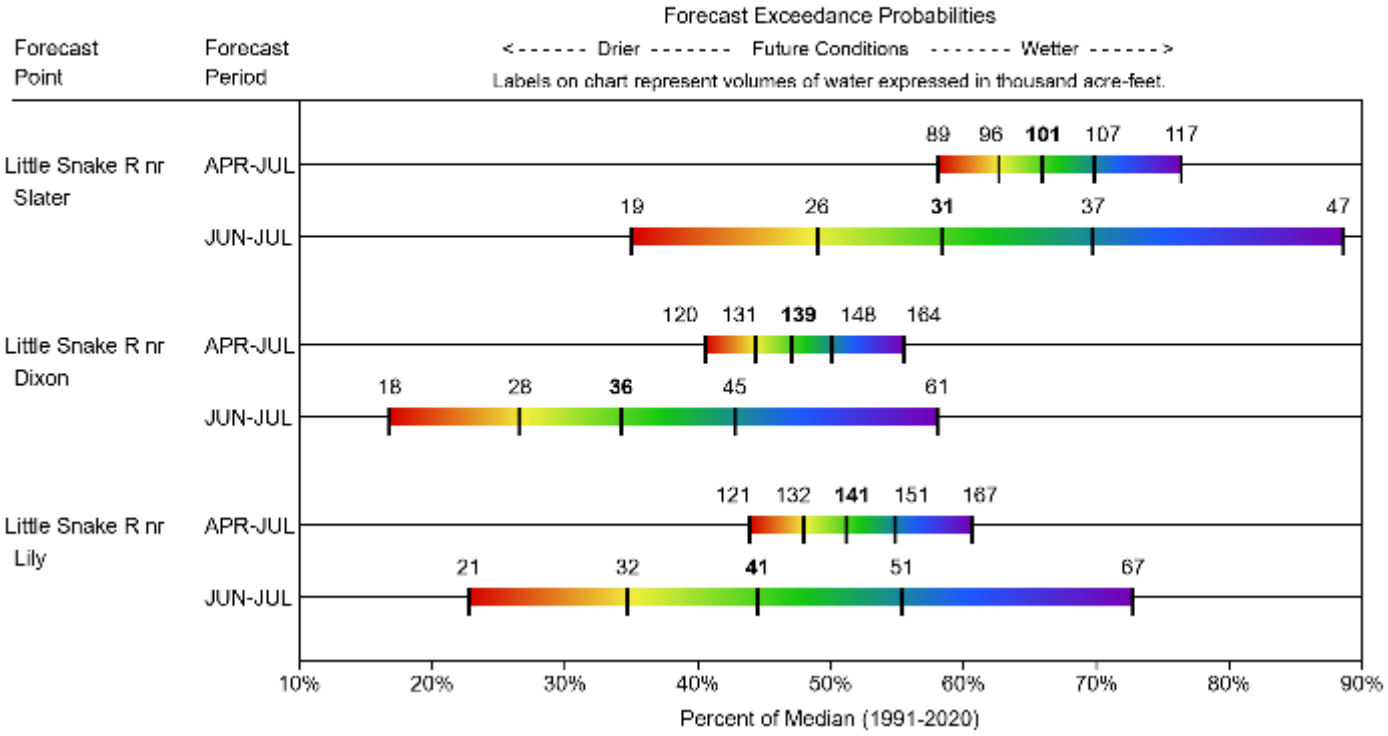
Streamflow

The 50% exceedance forecasts for the June through July period is below normal. The Little Snake River near Slater is forecasted to yield around 58% of median. *See below for detailed information on projected runoff.*

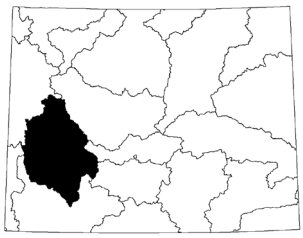
LITTLE SNAKE

Water Supply Forecasts

June 1, 2025

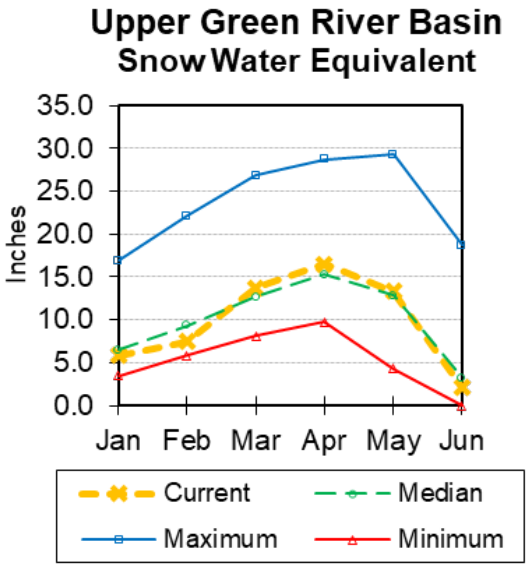


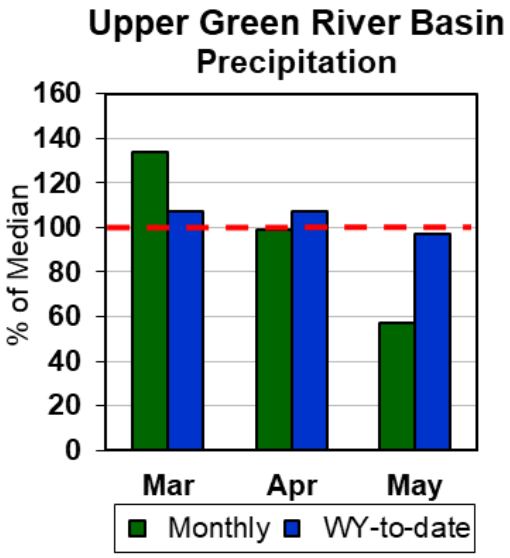
Upper Green River Basin



Snow

The Upper Green River Basin SWE (above Fontenelle Reservoir) is 68% of median. Green River Basin above Warren Bridge SWE is 0% of median. West Side of Upper Green River Basin SWE is 87% 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 57% of median last month. Water year-to-date precipitation is 97% of median.

Reservoir

Combined water storage in the basin was at 99% 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	34.9	50.4	30.3	38.3	91%	132%	79%	115%	166%
Eden	5.8	5.7	6.6	11.8	49%	48%	53%	88%	52%
Fontenelle	181.1	156.6	188.1	344.8	53%	45%	55%	96%	83%
Basin Index					56%	54%	57%	99%	95%
# of reservoirs					3	3	3	3	3

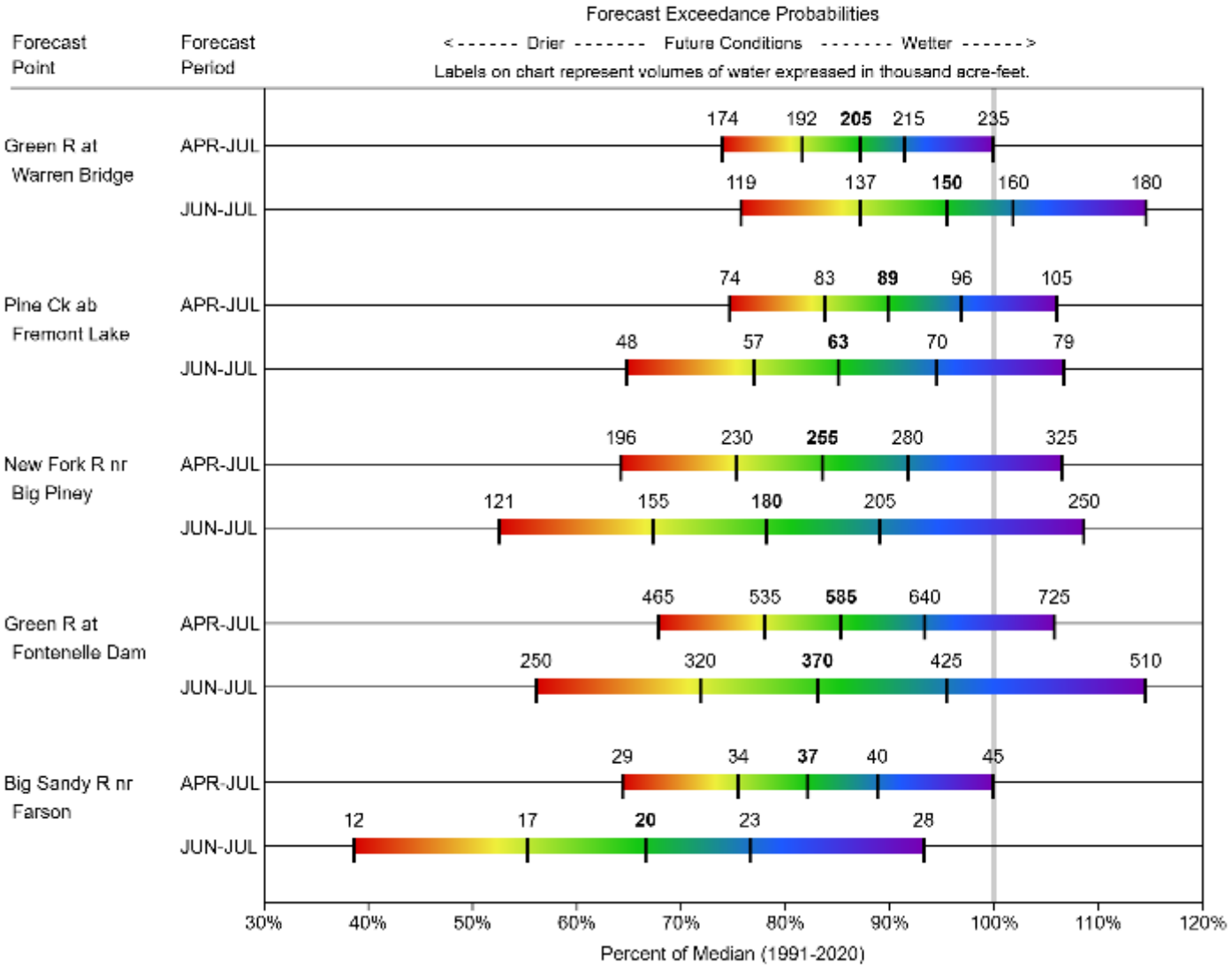
Streamflow

The 50% exceedance forecasts for the June through July period will be below 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 78% of median. Green River at Fontenelle Dam is estimated to be about 83% of median. *See the following for a more detailed forecast.*

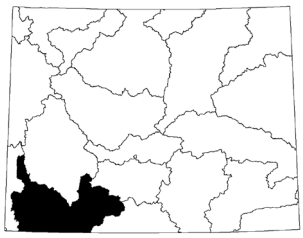
UPPER GREEN

Water Supply Forecasts

June 1, 2025



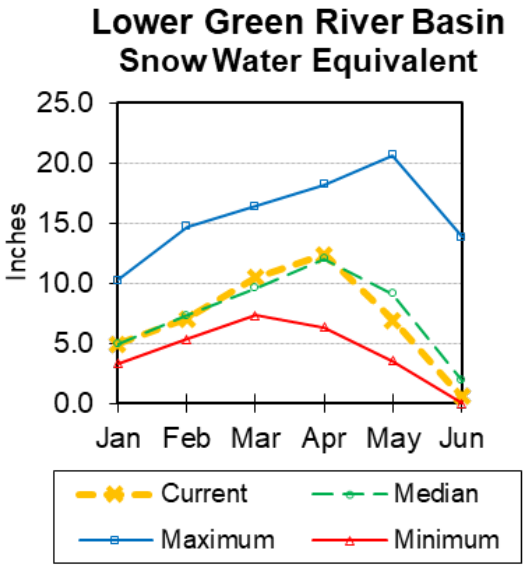
Lower Green River Basin

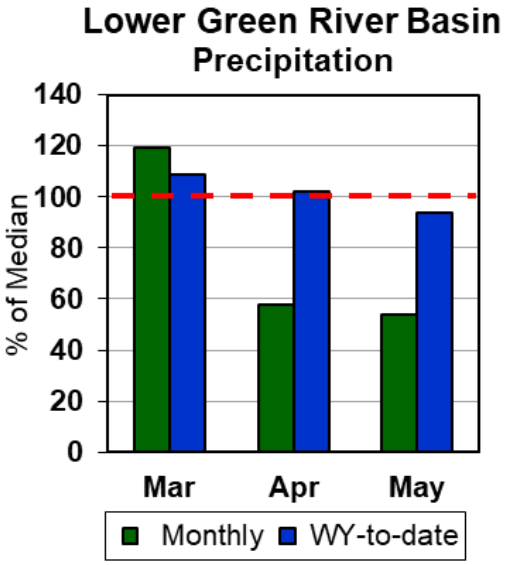


Snow

Lower Green River Basin SWE is at 30% of median. Hams Fork drainage SWE is 46% of median. Blacks-Smiths Forks drainage SWE is 7% 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 54% of median. The basin year-to-date precipitation is currently 94% of median.

Reservoirs

Combined storage for the 4 reservoirs in the basin was at 101% 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	39.0	40.5	42.2	42.4	92%	96%	100%	92%	96%
Stateline Reservoir	9.6	13.8	11.1	12.0	80%	115%	93%	86%	124%
Flaming Gorge Reservoir	3186.2	3136.4	3144.0	3749.0	85%	84%	84%	101%	100%
Meeks Cabin Reservoir	30.5	26.6	27.0	32.5	94%	82%	83%	113%	99%
Basin Index					85%	84%	84%	101%	100%
# of reservoirs					4	4	4	4	4

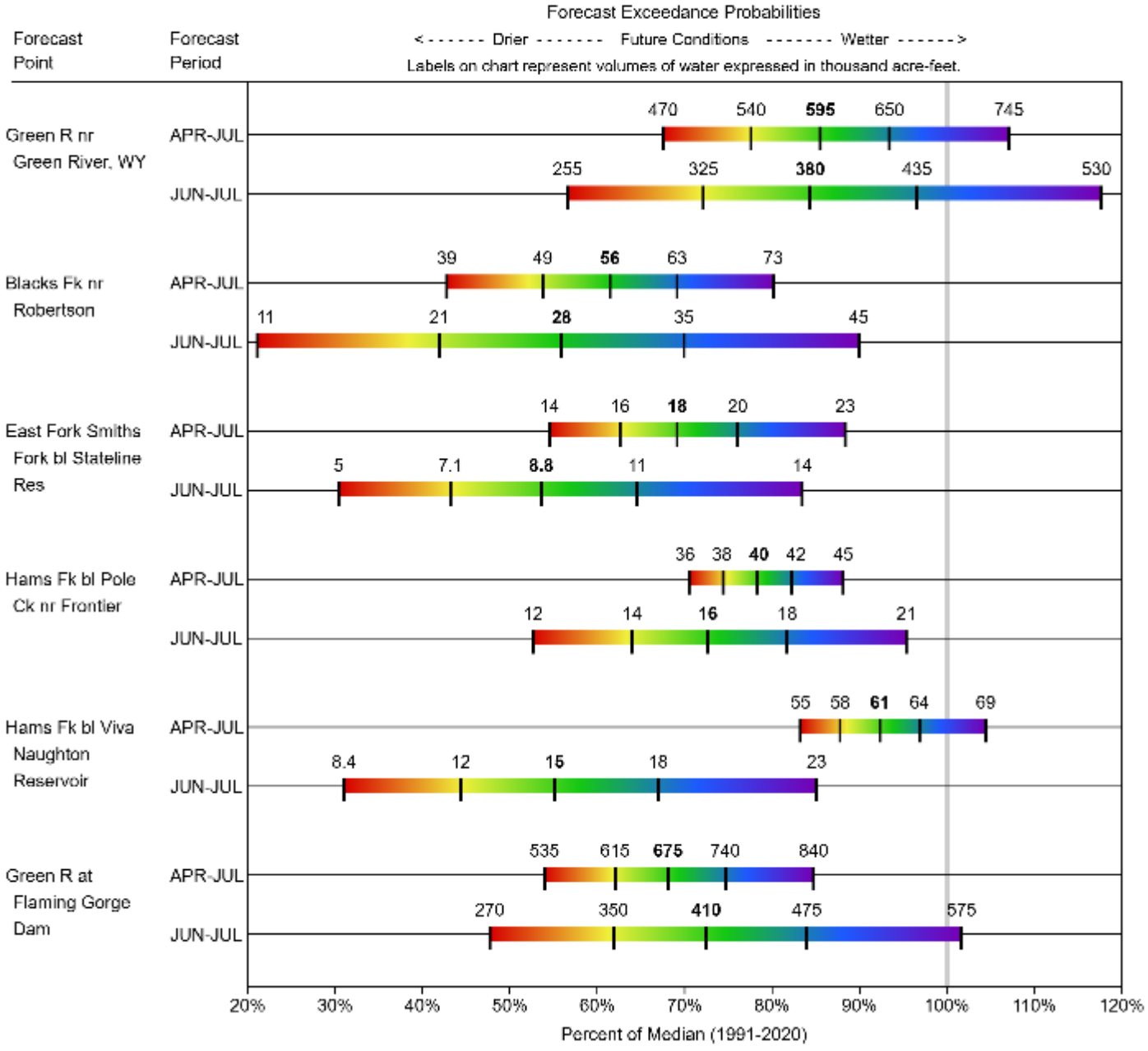
Streamflow

The following are the 50% exceedance forecasts for the June through July period is below normal. The Green River near Green River will yield about 84% of median. The Flaming Gorge Reservoir inflow will be about 73% of median. *See the following page for more detailed information on projected runoff.*

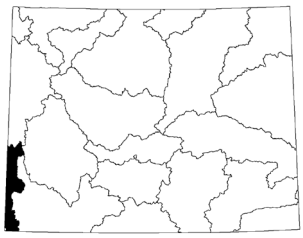
LOWER GREEN

Water Supply Forecasts

June 1, 2025



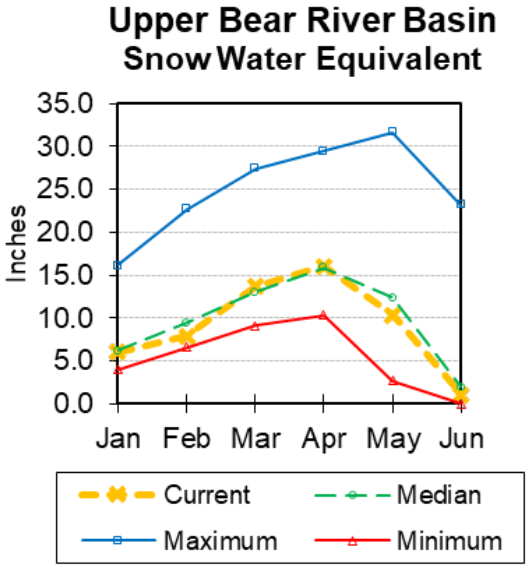
Upper Bear River Basin

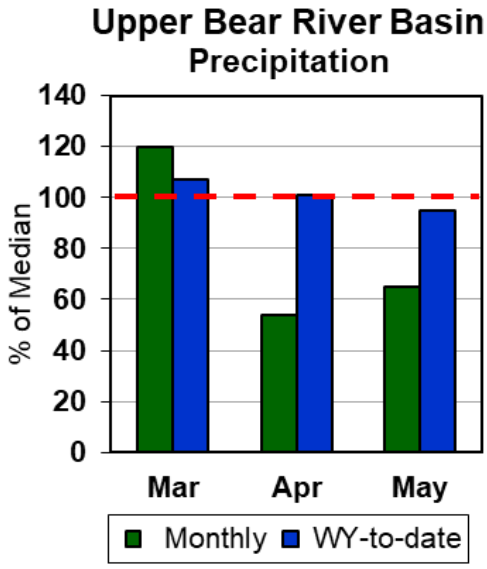


Snow

SWE in the Upper Bear River Basin of Utah is 54% of median. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is 96% of median.

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





Precipitation

Precipitation for last month was 65% of median in the basin. The year-to-date precipitation for the basin is 92% of median.

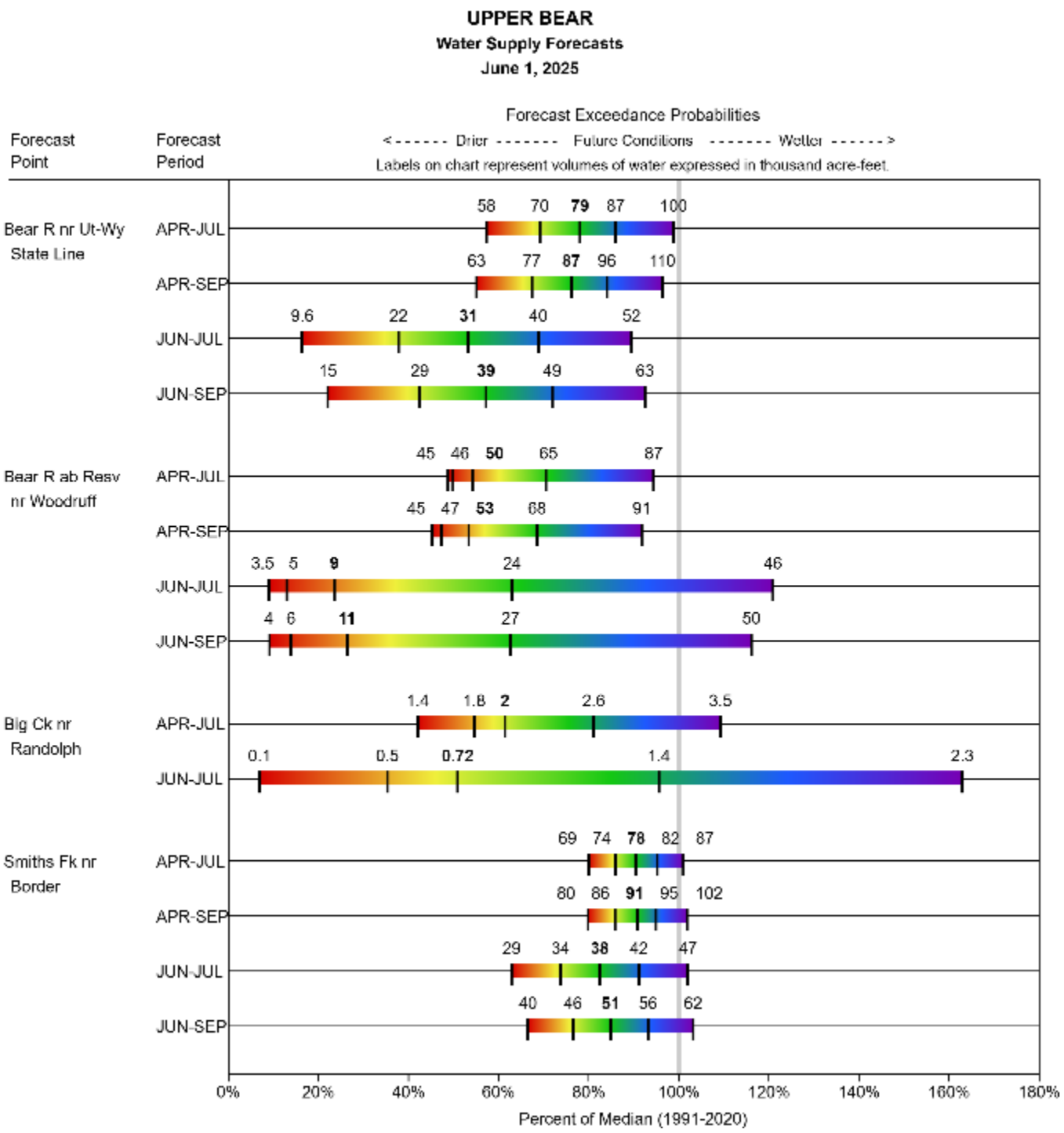
Reservoirs

Combined reservoir storage in this basin is at 100% 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	2.8	4.0	4.0	4.0	70%	100%	100%	70%	100%
Woodruff Narrows Res	51.1	62.4	49.8	57.3	89%	109%	87%	103%	125%
Basin Index					88%	108%	88%	100%	123%
# of reservoirs					2	2	2	2	2

Streamflow

The 50% exceedance forecasts for the June through September period are below normal. The Bear River above Reservoir near Woodruff should yield around 27% of median. For June to September the Smiths Fork River near Border Jct. will yield around 85%. *See the following page for more detailed information on projected runoff.*


UPPER BEAR
Water Supply Forecasts
June 1, 2025
Forecast Exceedance Probabilities
Forecast Point
Forecast Period
<------- Drier -------- Future Conditions -------- Wetter ------->
Labels on chart represent volumes of water expressed in thousand acre-feet.
Bear R nr Ut-Wy State Line
APR-JUL 58 70 79 87 100
APR-SEP 63 77 87 96 110
JUN-JUL 9.6 22 31 40 52
JUN-SEP 15 29 39 49 63
Bear R ab Resv nr Woodruff
APR-JUL 45 46 50 65 87
APR-SEP 45 47 53 68 91
JUN-JUL 3.5 5 9 24 46
JUN-SEP 4 6 11 27 50
Big Ck nr Randolph
APR-JUL 1.4 1.8 2 2.6 3.5
JUN-JUL 0.1 0.5 0.72 1.4 2.3
Smiths Fk nr Border
APR-JUL 69 74 78 82 87
APR-SEP 80 86 91 95 102
JUN-JUL 29 34 38 42 47
JUN-SEP 40 46 51 56 62
0% 20% 40% 60% 80% 100% 120% 140% 160% 180%
Percent of Median (1991-2020)

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:

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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