

# Wyoming Basin & Water Supply Outlook Report

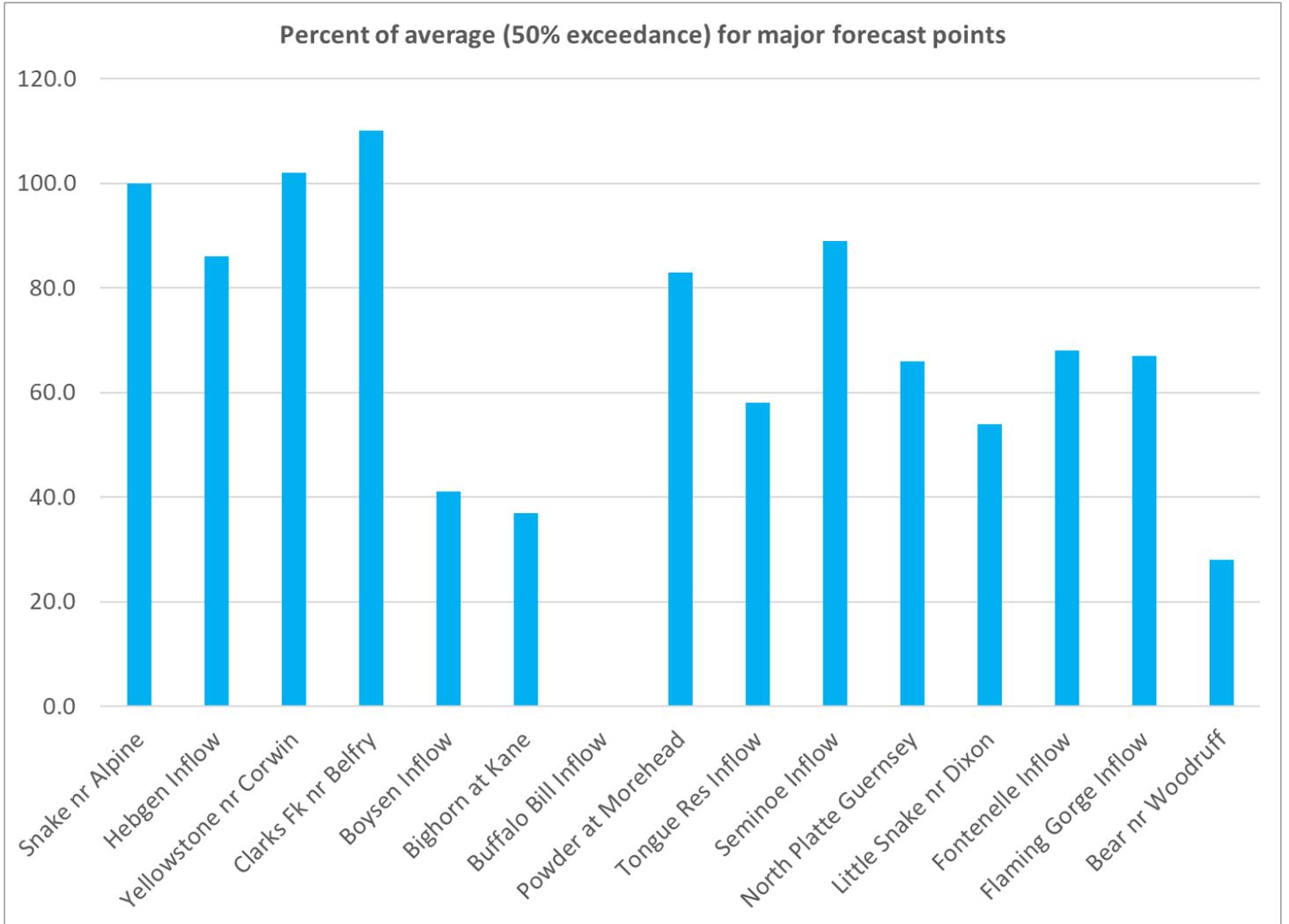
## June 1, 2020

**Natural  
Resources  
Conservation  
Service**



Snowmobiles in the Bighorn Mountains. Photo courtesy of the State of Wyoming, Office of the State Engineer.

## Forecasted stream flows for June 1<sup>st</sup>, 2020



# Basin Outlook Reports

## And

### Federal - State - Private Cooperative Snow Surveys

---

*For more information, contact:*

**Jeff Goats**  
100 East "B" Street, Casper, WY 82601  
(307) 233-6768     [jeff.goats@usda.gov](mailto:jeff.goats@usda.gov)

#### *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.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers. If you believe you experienced discrimination when obtaining services from USDA, participating in a USDA program, or participating in a program that receives financial assistance from USDA, you may file a complaint with USDA. Information about how to file a discrimination complaint is available from the Office of the Assistant Secretary for Civil Rights. USDA prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex (including gender identity and expression), marital status, familial status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) To file a complaint of discrimination, complete, sign, and mail a program discrimination complaint form, available at any USDA office location or online at [www.ascr.usda.gov](http://www.ascr.usda.gov), or write to: USDA Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW. Washington, DC 20250-9410 Or call toll free at (866) 632-9992 (voice) to obtain additional information, the appropriate office or to request documents. Individuals who are deaf, hard of hearing, or have speech disabilities may contact USDA through the Federal Relay service at (800) 877-8339 or (800) 845-6136 (in Spanish). USDA is an equal opportunity provider, employer, and lender. Persons with disabilities who require alternative means for communication of program information (e.g., Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

# Wyoming Basin & Water Supply Outlook Report

## Snowpack

Snow water equivalent (SWE) across Wyoming for June 1<sup>st</sup> was at 65% of median. SWE in the Upper Green River Basin was the highest at 114% of median. *See the map on page 5 and the Appendix for further information.*

## Precipitation

The Yellowstone River Basin had the highest precipitation for the month at 93% of average. The Sweetwater River Basin had the lowest precipitation amount at 38% of average. The following table displays the major river basins and their departure from average for last month.

*See Appendix for further information.*

| Basin               | Departure<br>from average | Basin                      | Departure<br>from average |
|---------------------|---------------------------|----------------------------|---------------------------|
| Snake River         | -22%                      | Upper North Platte River   | -23%                      |
| Madison-Gallatin    | -19%                      | Sweetwater River           | -62%                      |
| Yellowstone River   | -7%                       | Lower North Platte River   | -58%                      |
| Wind River          | -55%                      | Laramie River              | -10%                      |
| Bighorn River       | -56%                      | North Platte River (Total) | -30%                      |
| Shoshone River      | -10%                      | South Platte River         | -30%                      |
| Powder River        | -44%                      | Little Snake River         | -17%                      |
| Tongue River        | -53%                      | Upper Green River          | -39%                      |
| Belle Fourche River | -38%                      | Lower Green River          | -55%                      |
| Cheyenne River      | -42%                      | Upper Bear River           | -57%                      |

## Streams

Forecast stream flow yields for June thru September across Wyoming average 76%. The Snake River, Madison, and Upper Yellowstone River Basins should yield about 96%, 86% and 101% of average, respectively. Yields from the Wind and Bighorn River Basins should be about 58% and 57% of average. Yields from the Shoshone and Clarks Fork River Basins of Wyoming should be about 98% and 110% of average. Yields from the Powder and Tongue River Basins should be about 75% and 67% of average. Yield for the Cheyenne River Basin should be about 100% of average. Yields for the Sweetwater, Upper North Platte, Lower North Platte, and Laramie Rivers of Wyoming should be about 17%, 90%, 60%, and 91% of average, respectively. Yields for the Little Snake and Green River should be 59% and 64%.

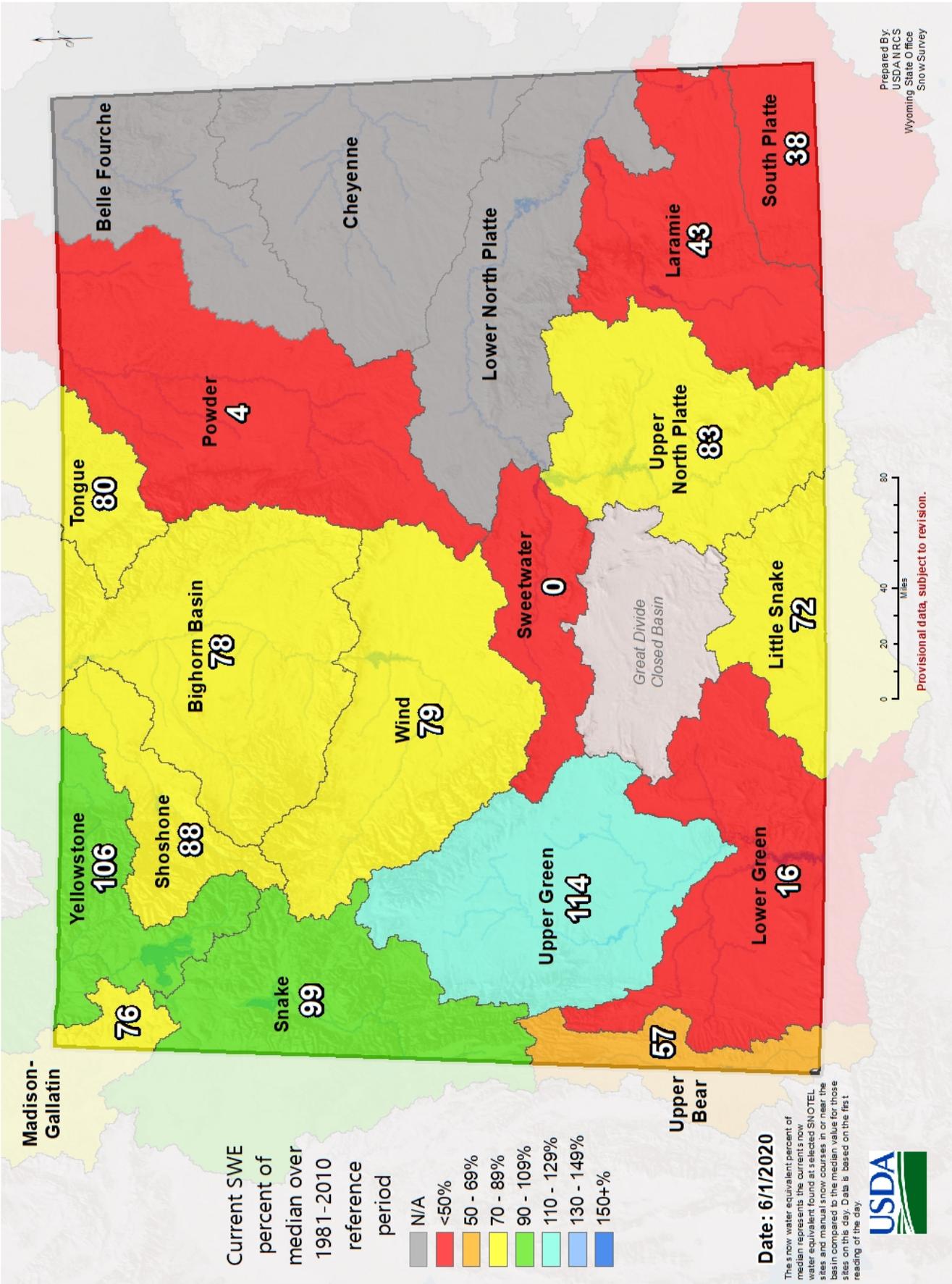
## Reservoirs

Reservoir storage was above average at 114% across the entire state. Reservoirs in the Snake River Basin are above average at 117%. Reservoirs in the Madison-Gallatin Basin are near average at 104%. Reservoirs in the Wind River Basin are near average at 102%. Reservoirs on the Big Horn are average at 97%. The Buffalo Bill Reservoir on the Shoshone is well above average at 126%. The Tongue River Reservoir was well above average at 154%. Reservoirs in the Belle Fourche and Cheyenne River Basins are above average at 129% and 109% respectively. Reservoirs on the Upper and Lower North Platte River are above average at 129% and 119% respectively. Reservoirs on the Upper Green River are above average at 122%. Reservoirs on the Lower Green River Basin are near average at 106% and are average on the Upper Bear River Basin at 104%. *See below for further information.*

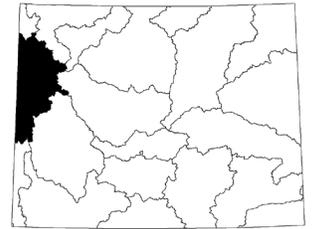
## Wyoming Reservoir Levels

|                            | Current<br>(KAF) | Last<br>Year<br>(KAF) | Average<br>(KAF) | Capacity<br>(KAF) | Current<br>%<br>Capacity | Last<br>Year %<br>Capacity | Average<br>%<br>Capacity | Current<br>%<br>Average | Last<br>Year %<br>Average |
|----------------------------|------------------|-----------------------|------------------|-------------------|--------------------------|----------------------------|--------------------------|-------------------------|---------------------------|
| Alcova                     | 179.8            | 180.8                 | 179.7            | 184.3             | 98%                      | 98%                        | 98%                      | 100%                    | 101%                      |
| Angostura                  | 109.8            | 111.5                 | 101.3            | 122.1             | 90%                      | 91%                        | 83%                      | 108%                    | 110%                      |
| Belle Fourche              | 161.1            | 160.4                 | 155.1            | 178.4             | 90%                      | 90%                        | 87%                      | 104%                    | 103%                      |
| Big Sandy                  | 31.4             | 29.2                  | 29.1             | 38.3              | 82%                      | 76%                        | 76%                      | 108%                    | 100%                      |
| Bighorn Lake               | 816.9            | 891.9                 | 848.0            | 1356.0            | 60%                      | 66%                        | 63%                      | 96%                     | 105%                      |
| Boysen                     | 490.3            | 565.0                 | 498.4            | 596.0             | 82%                      | 95%                        | 84%                      | 98%                     | 113%                      |
| Buffalo Bill               | 486.0            | 401.6                 | 385.4            | 646.6             | 75%                      | 62%                        | 60%                      | 126%                    | 104%                      |
| Bull Lake                  | 114.9            | 99.5                  | 88.3             | 151.8             | 76%                      | 66%                        | 58%                      | 130%                    | 113%                      |
| Deerfield                  | 15.3             | 15.6                  | 14.3             | 15.2              | 100%                     | 102%                       | 94%                      | 107%                    | 109%                      |
| Ennis Lake                 | 35.8             | 35.8                  | 35.6             | 41.0              | 87%                      | 87%                        | 87%                      | 101%                    | 101%                      |
| Flaming Gorge Reservoir    | 3227.6           | 3376.5                | 3070.0           | 3749.0            | 86%                      | 90%                        | 82%                      | 105%                    | 110%                      |
| Fontenelle                 | 203.5            | 204.1                 | 164.0            | 344.8             | 59%                      | 59%                        | 48%                      | 124%                    | 124%                      |
| Glendo                     | 397.9            | 515.6                 | 475.0            | 506.4             | 79%                      | 102%                       | 94%                      | 84%                     | 109%                      |
| Grassy Lake                | 15.4             | 15.3                  | 14.3             | 15.2              | 101%                     | 101%                       | 94%                      | 108%                    | 107%                      |
| Guernsey                   | 28.0             | 32.3                  | 34.3             | 45.6              | 61%                      | 71%                        | 75%                      | 82%                     | 94%                       |
| Hebgen Lake                | 352.0            | 315.9                 | 336.2            | 378.8             | 93%                      | 83%                        | 89%                      | 105%                    | 94%                       |
| Jackson Lake               | 775.9            | 696.3                 | 605.7            | 847.0             | 92%                      | 82%                        | 72%                      | 128%                    | 115%                      |
| Keyhole                    | 175.7            | 192.0                 | 100.9            | 193.8             | 91%                      | 99%                        | 52%                      | 174%                    | 190%                      |
| PactoLa                    | 54.0             | 61.3                  | 48.9             | 55.0              | 98%                      | 111%                       | 89%                      | 110%                    | 125%                      |
| Palisades Reservoir        | 1133.7           | 1003.9                | 1027.0           | 1400.0            | 81%                      | 72%                        | 73%                      | 110%                    | 98%                       |
| Pathfinder                 | 971.6            | 833.1                 | 633.8            | 1016.5            | 96%                      | 82%                        | 62%                      | 153%                    | 131%                      |
| Pilot Butte                | 16.1             | 26.1                  | 22.3             | 31.6              | 51%                      | 83%                        | 71%                      | 72%                     | 117%                      |
| Seminole                   | 782.8            | 721.8                 | 607.1            | 1016.7            | 77%                      | 71%                        | 60%                      | 129%                    | 119%                      |
| Shadehill                  | 73.8             | 83.1                  | 61.4             | 81.4              | 91%                      | 102%                       | 75%                      | 120%                    | 135%                      |
| Tongue River Res           | 80.7             | 82.8                  | 52.6             | 79.1              | 102%                     | 105%                       | 66%                      | 154%                    | 157%                      |
| Viva Naughton Res          | 39.9             | 40.8                  | 41.5             | 42.4              | 94%                      | 96%                        | 98%                      | 96%                     | 98%                       |
| Woodruff Narrows Reservoir | 46.8             | 50.7                  | 44.8             | 57.3              | 82%                      | 88%                        | 78%                      | 104%                    | 113%                      |

# Wyoming Basins Snow Water Equivalent (SWE) % of Median - includes manual courses



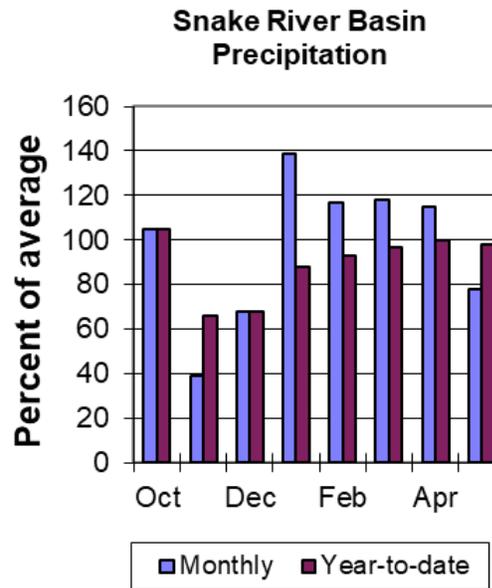
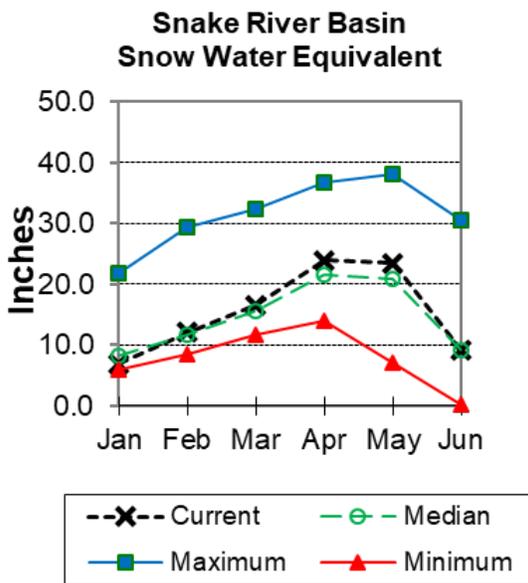
# Snake River Basin



## Snow

The overall Snake River Basin SWE (portion above Palisades dam) is 99% of median. SWE in the Snake River Basin above Jackson Lake is 87% of median. Pacific Creek Basin SWE is 103% of median. Buffalo Fork SWE is 92% of median. Gros Ventre River Basin SWE is 114% of median. SWE in the Hoback River drainage is 190% of median. SWE in the Greys River drainage is 153% of median. Salt River Basin SWE is 176% 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 78% of average. Water-year-to-date precipitation is 98% of average.

## Reservoirs

Current reservoir storage is 117% of average for the three storage reservoirs in the basin.

|                     | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|---------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Grassy Lake         | 15.4          | 15.3            | 14.3          | 15.2           | 101%               | 101%                 | 94%                | 108%              | 107%                |
| Jackson Lake        | 775.9         | 696.3           | 605.7         | 847.0          | 92%                | 82%                  | 72%                | 128%              | 115%                |
| Palisades Reservoir | 1133.7        | 1003.9          | 1027.0        | 1400.0         | 81%                | 72%                  | 73%                | 110%              | 98%                 |
| Basin-wide Total    | 1925.0        | 1715.5          | 1647.0        | 2262.2         | 85%                | 76%                  | 73%                | 117%              | 104%                |
| # of reservoirs     | 3             | 3               | 3             | 3              | 3                  | 3                    | 3                  | 3                 | 3                   |

## Streamflow

The 50% exceedance forecasts for June through September are slightly below average for this basin. The Snake near Moran yield is 76% of average. Snake River above Reservoir near

Alpine will yield about 100%. Pacific Creek near Moran Yield will be around 93%. Buffalo Fork above Lava near Moran yield will be around 100% of average. Greys River above Palisades Reservoir yield about 100%. Salt River near Etna yield will be about 98%.

*See the following table for further information.*

**Streamflow Forecast Summary: June 1, 2020 (averages based on 1981-2010 reference period)**

| Forecast Exceedance Probabilities for Risk Assessment<br>Chance that actual volume will exceed forecast |           |           |           |       |           |           |                |  |
|---|-----------|-----------|-----------|-------|-----------|-----------|----------------|--|
| Forecast Period   | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |  |
| Snake R nr Moran <sup>2</sup>   |           |           |           |       |           |           |                |  |
| JUN-JUL   | 235       | 285       | 320       | 75%   | 350       | 400       | 425            |  |
| JUN-SEP   | 295       | 350       | 385       | 76%   | 425       | 475       | 505            |  |
| Snake R ab Reservoir nr Alpine <sup>2</sup>   |           |           |           |       |           |           |                |  |
| JUN-JUL   | 1110      | 1220      | 1290      | 101%  | 1360      | 1470      | 1280           |  |
| JUN-SEP   | 1400      | 1520      | 1610      | 100%  | 1700      | 1830      | 1610           |  |
| Snake R nr Irwin <sup>2</sup>   |           |           |           |       |           |           |                |  |
| JUN-JUL   | 1450      | 1590      | 1690      | 99%   | 1790      | 1930      | 1700           |  |
| JUN-SEP   | 1880      | 2050      | 2170      | 99%   | 2290      | 2460      | 2190           |  |
| Snake R nr Heise <sup>2</sup>   |           |           |           |       |           |           |                |  |
| JUN-JUL   | 1540      | 1690      | 1790      | 99%   | 1890      | 2040      | 1800           |  |
| JUN-SEP   | 2020      | 2200      | 2330      | 99%   | 2450      | 2630      | 2350           |  |
| Pacific Ck at Moran   |           |           |           |       |           |           |                |  |
| JUN-JUL   | 46        | 66        | 80        | 93%   | 93        | 113       | 86             |  |
| JUN-SEP   | 54        | 75        | 89        | 93%   | 103       | 124       | 96             |  |
| Buffalo Fk ab Lava Ck nr Moran  |           |           |           |       |           |           |                |  |
| JUN-JUL   | 165       | 187       | 200       | 98%   | 215       | 240       | 205            |  |
| JUN-SEP   | 195       | 220       | 240       | 100%  | 260       | 285       | 240            |  |
| Greys R ab Reservoir nr Alpine  |           |           |           |       |           |           |                |  |
| JUN-JUL   | 139       | 154       | 164       | 100%  | 175       | 190       | 164            |  |
| JUN-SEP   | 183       | 200       | 215       | 100%  | 230       | 245       | 215            |  |
| Salt R ab Reservoir nr Etna   |           |           |           |       |           |           |                |  |
| JUN-JUL   | 84        | 116       | 138       | 97%   | 159       | 191       | 143            |  |
| JUN-SEP   | 138       | 178       | 205       | 98%   | 230       | 270       | 210            |  |

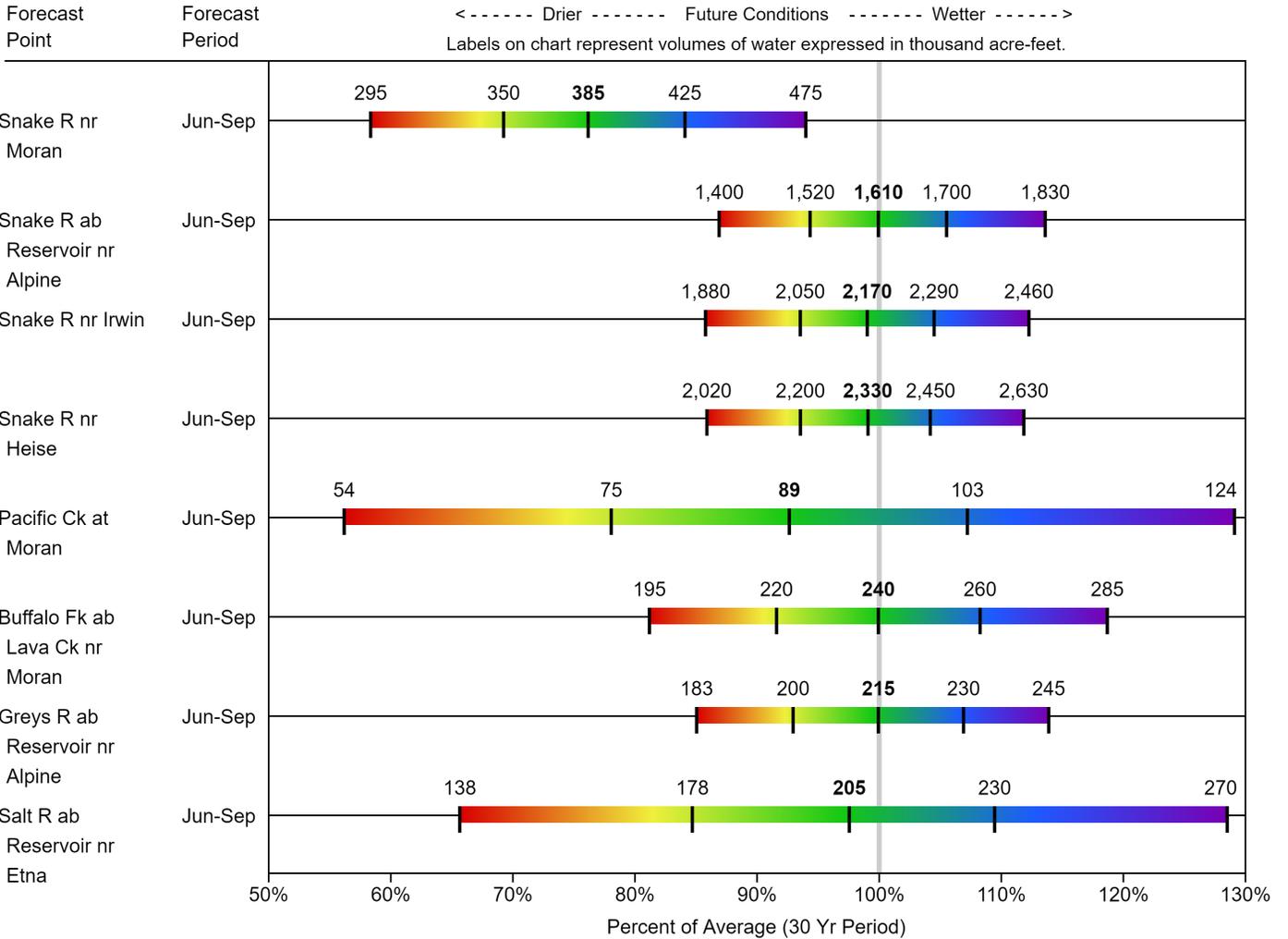
1) 90% and 10% exceedance probabilities are actually 95% and 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

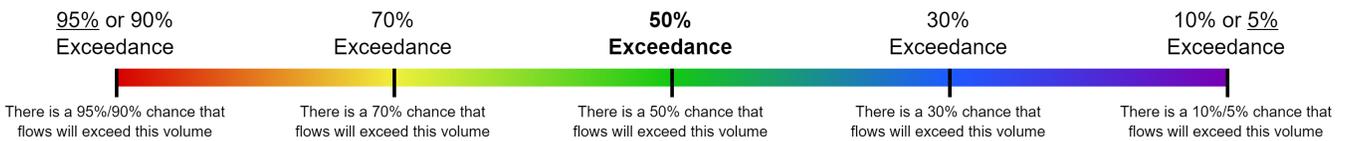
3) Median value used in place of average

**SNAKE RIVER BASIN**  
**Water Supply Forecasts**  
 June 1, 2020

Forecast Exceedance Probabilities



**Legend**

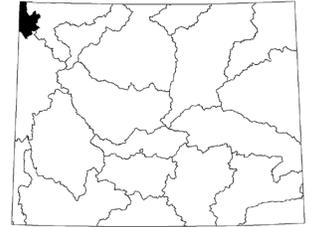


When selected, the following historic streamflow values and statistics will be shown.

|   |  |                                |   |
|---|--|--------------------------------|---|
|   |  |                                |   |
| <i>Period of Record Minimum Streamflow KAF (Year)</i> | <i>1981-2010 Normal Streamflow KAF</i> | <i>Observed Streamflow KAF</i> | <i>Period of Record Maximum Streamflow KAF (Year)</i> |

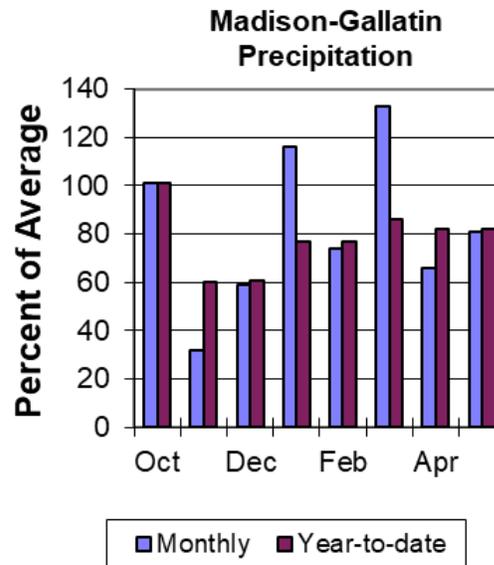
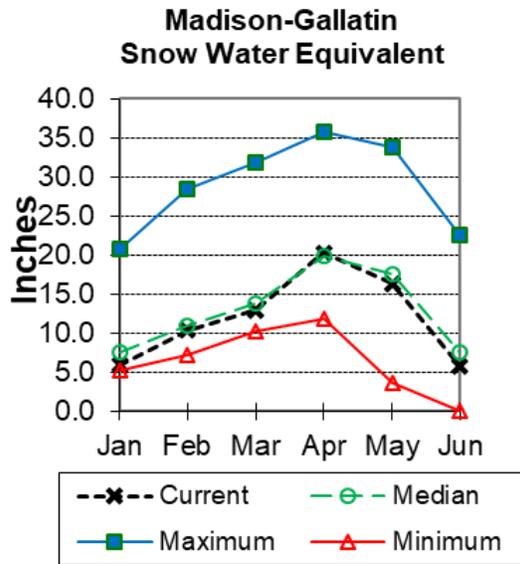
Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

# Madison-Gallatin Rivers Basin



## Snow

SWE is 76% of median in the Madison-Gallatin drainage. *See Appendix at the end of this report for a detailed listing of snow course information.*



## Precipitation

Last month precipitation in the Madison-Gallatin drainage was 81% of average. Water-year-to-date precipitation is at 82% of average.

## Reservoirs

Current reservoir storage is 104% of average for the two storage reservoirs in the basin.

|                  | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Ennis Lake       | 35.8          | 35.8            | 35.6          | 41.0           | 87%                | 87%                  | 87%                | 101%              | 101%                |
| Hebgen Lake      | 352.0         | 315.9           | 336.2         | 378.8          | 93%                | 83%                  | 89%                | 105%              | 94%                 |
| Basin-wide Total | 387.8         | 351.7           | 371.8         | 419.8          | 92%                | 84%                  | 89%                | 104%              | 95%                 |
| # of reservoirs  | 2             | 2               | 2             | 2              | 2                  | 2                    | 2                  | 2                 | 2                   |

## Streamflow

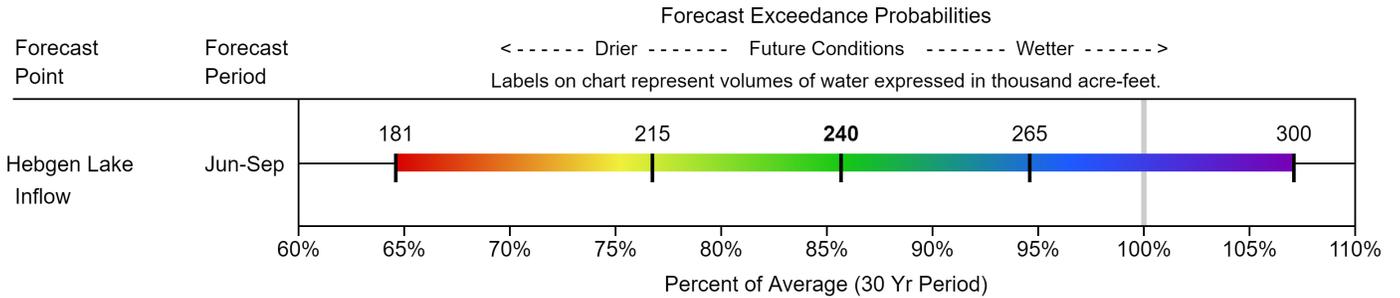
The 50% exceedance forecast for June through September is below average for the basin. Hebgen Reservoir inflow is 86% of average. *See below for detailed runoff volumes.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

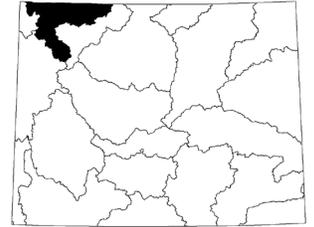
| <b>MADISON-GALLATIN RIVER BASINS</b> | Forecast Period | 90%<br>(KAF) | 70%<br>(KAF) | 50%<br>(KAF) | % Avg | 30%<br>(KAF) | 10%<br>(KAF) | 30yr Avg<br>(KAF) |
|--------------------------------------|-----------------|--------------|--------------|--------------|-------|--------------|--------------|-------------------|
| Hebgen Reservoir Inflow              |                 |              |              |              |       |              |              |                   |
|                                      | JUN-JUL         | 108          | 132          | 149          | 84%   | 165          | 189          | 178               |
|                                      | JUN-SEP         | 181          | 215          | 240          | 86%   | 265          | 300          | 280               |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**MADISON-GALLATIN RIVER BASINS**  
**Water Supply Forecasts**  
**June 1, 2020**

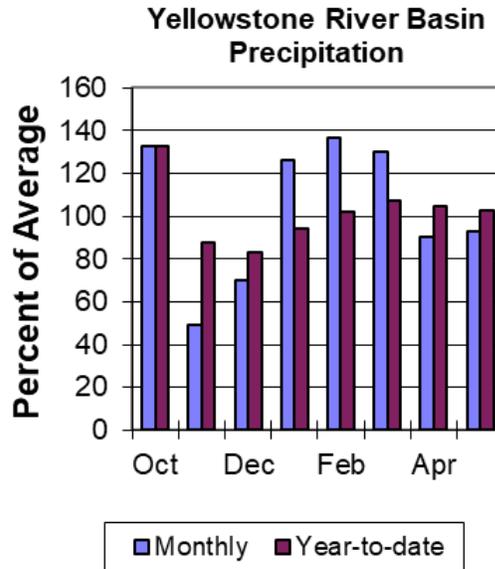
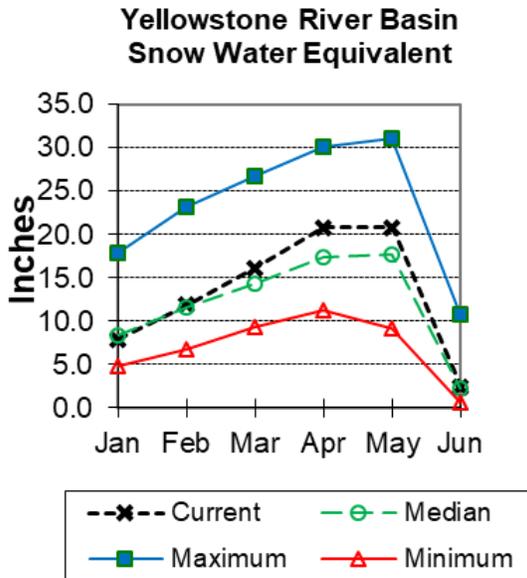


# Yellowstone River Basin



## Snow

SWE in the Yellowstone River Basin is 106% of median. SWE in the Clarks Fork Drainage of the Yellowstone River Basin in Wyoming is 112% 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 93% of average. Water-year-to-date precipitation is 103% of average.

## Reservoirs

No reservoir data.

## Streamflow

The 50% exceedance forecasts for June through September are near average for the basin. Yellowstone at Lake Outlet will yield around 98% of average. Yellowstone at Corwin Springs will yield around 102%. Clarks Fork of the Yellowstone near Belfry will yield around 110%.

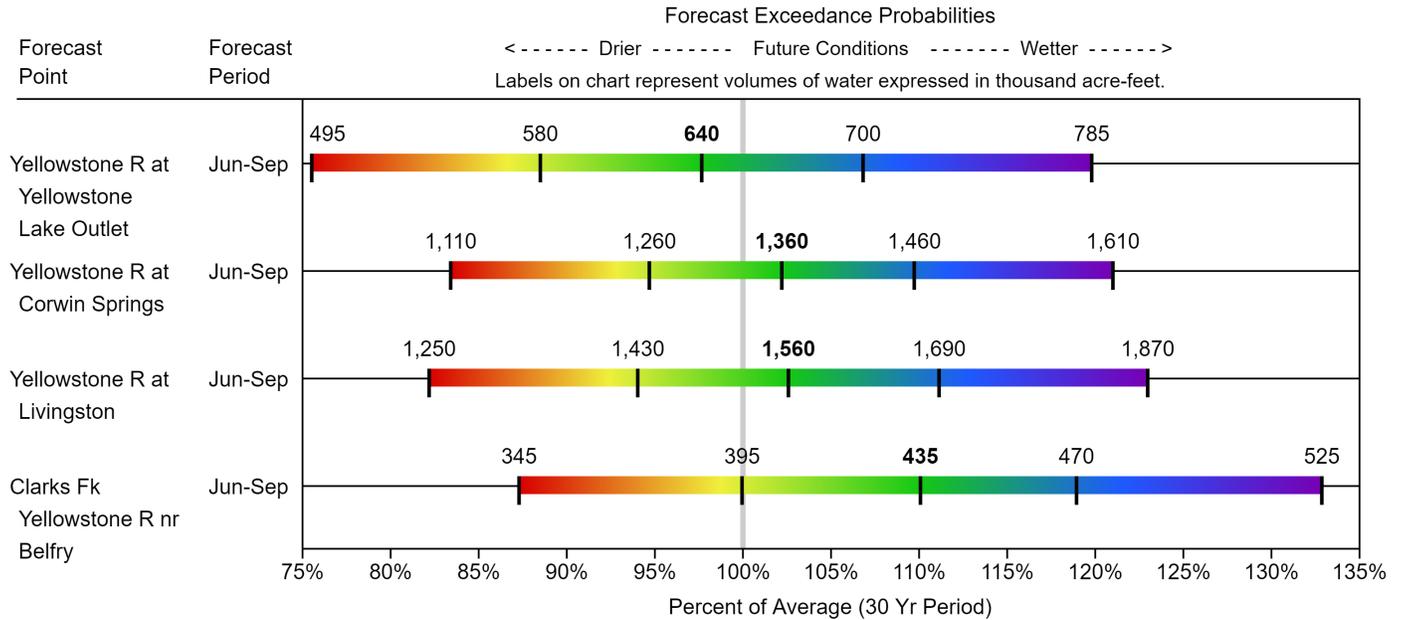
*See the following for further information.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

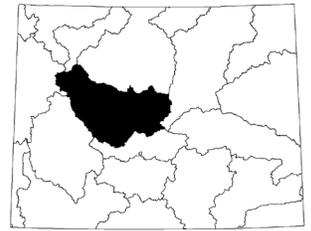
| <b>YELLOWSTONE RIVER BASIN</b>                 | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|--|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| Yellowstone R at Yellowstone Lake Outlet       |                 |           |           |           |       |           |           |                |
|  | JUN-JUL         | 335       | 405       | 455       | 98%   | 505       | 575       | 465            |
|  | JUN-SEP         | 495       | 580       | 640       | 98%   | 700       | 785       | 655            |
| Yellowstone R at Corwin Springs                |                 |           |           |           |       |           |           |                |
|  | JUN-JUL         | 865       | 985       | 1070      | 103%  | 1150      | 1280      | 1040           |
|  | JUN-SEP         | 1110      | 1260      | 1360      | 102%  | 1460      | 1610      | 1330           |
| Yellowstone R at Livingston                    |                 |           |           |           |       |           |           |                |
|  | JUN-JUL         | 970       | 1120      | 1230      | 104%  | 1330      | 1480      | 1180           |
|  | JUN-SEP         | 1250      | 1430      | 1560      | 103%  | 1690      | 1870      | 1520           |
| Clarks Fk Yellowstone R nr Belfry <sup>2</sup> |                 |           |           |           |       |           |           |                |
|  | JUN-JUL         | 310       | 360       | 390       | 111%  | 420       | 465       | 350            |
|  | JUN-SEP         | 345       | 395       | 435       | 110%  | 470       | 525       | 395            |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**YELLOWSTONE RIVER BASIN**  
**Water Supply Forecasts**  
**June 1, 2020**

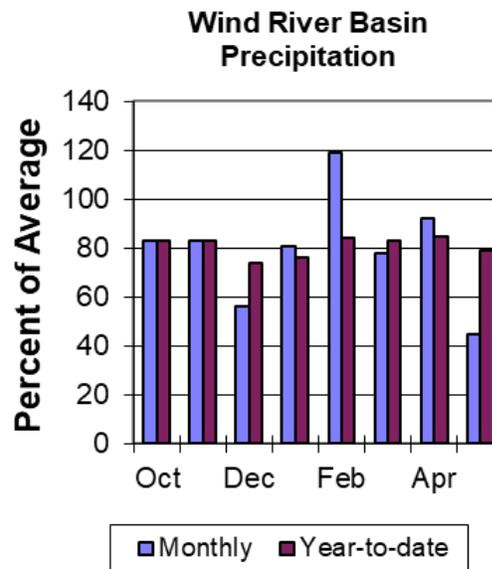
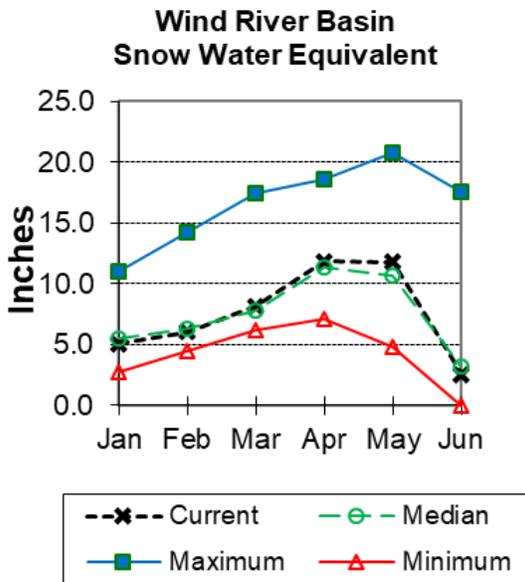


# Wind River Basin



## Snow

Wind River Basin SWE (above Boysen Reservoir) is 79% of median. SWE in the Wind River above Dubois is 108% of median. Little Wind SWE is 0% of median, and Popo Agie drainage SWE is 0% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



## Precipitation

February precipitation for the basin was 45% of average. Water year-to-date precipitation is 79% of average.

## Reservoirs

Current storage is 102% of average in the basin.

|                         | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|-------------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Bull Lake               | 114.9         | 99.5            | 88.3          | 151.8          | 76%                | 66%                  | 58%                | 130%              | 113%                |
| Boysen                  | 490.3         | 565.0           | 498.4         | 596.0          | 82%                | 95%                  | 84%                | 98%               | 113%                |
| Pilot Butte             | 16.1          | 26.1            | 22.3          | 31.6           | 51%                | 83%                  | 71%                | 72%               | 117%                |
| <b>Basin-wide Total</b> | <b>621.3</b>  | <b>690.6</b>    | <b>609.0</b>  | <b>779.4</b>   | <b>80%</b>         | <b>89%</b>           | <b>78%</b>         | <b>102%</b>       | <b>113%</b>         |
| # of reservoirs         | 3             | 3               | 3             | 3              | 3                  | 3                    | 3                  | 3                 | 3                   |

## Streamflow

The 50% exceedance forecasts for the June through September runoff period are well below average for the Wind River. The Wind River above Bull Lake Creek will yield about 66% of average. Little Popo Agie River near Lander should yield around 49% of average. Little Wind River near Riverton will yield around 34% of average. Boysen Reservoir inflow will yield about 41% of average. *See the following table for detailed runoff volumes.*

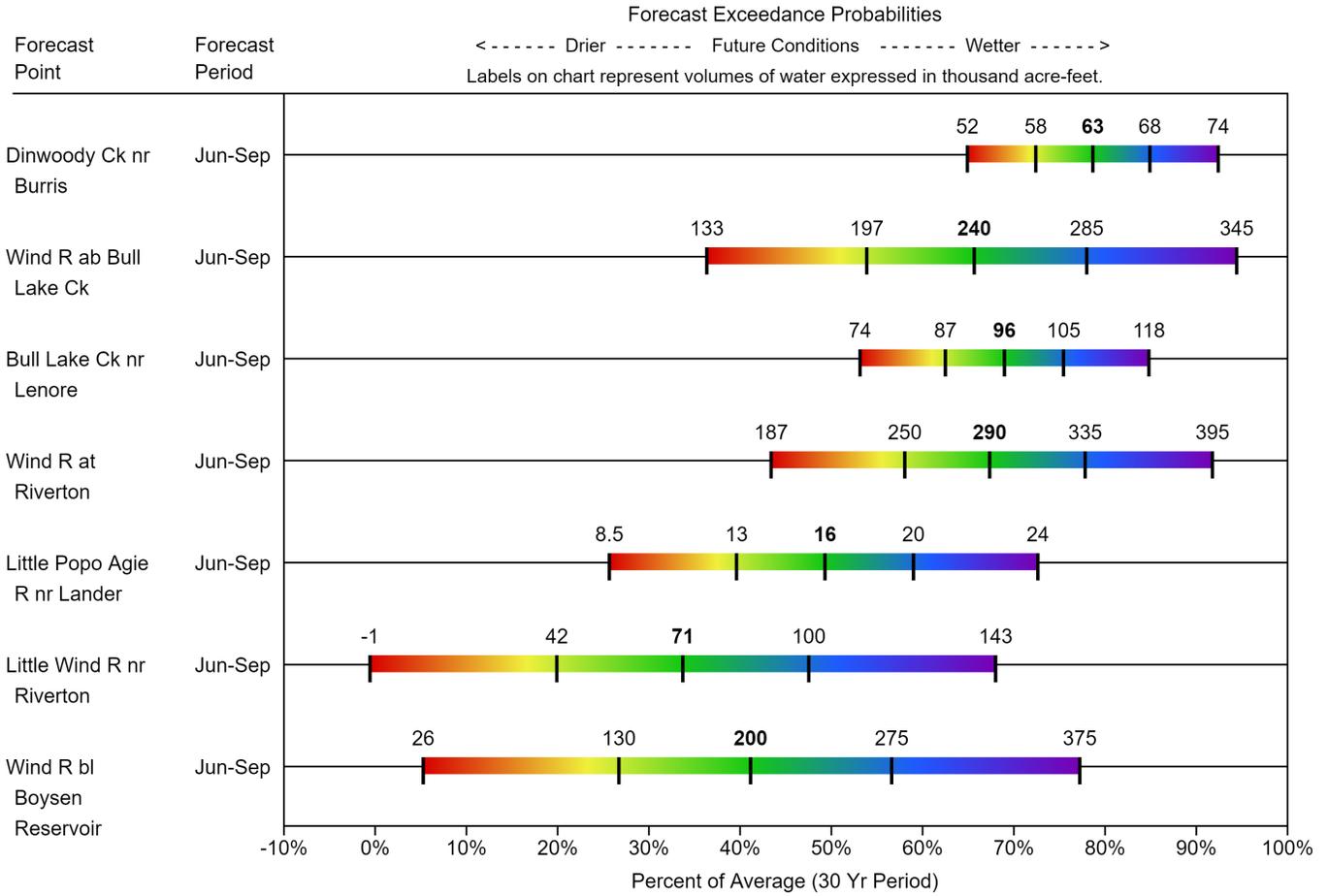
| WIND RIVER BASIN             | Forecast Period | Forecast Exceedance Probabilities for Risk Assessment<br>Chance that actual volume will exceed forecast |           |           |       |           |           | 30yr Avg (KAF) |
|------------------------------|-----------------|---|-----------|-----------|-------|-----------|-----------|----------------|
|                              |                 | 90% (KAF)   | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) |                |
| Dinwoody Ck nr Burris        | JUN-JUL         | 31  | 36        | 39        | 74%   | 42        | 47        | 53             |
|                              | JUN-SEP         | 52  | 58        | 63        | 79%   | 68        | 74        | 80             |
| Wind R Ab Bull Lake Ck       | JUN-JUL         | 141   | 191       | 225       | 68%   | 260       | 310       | 330            |
|                              | JUN-SEP         | 133   | 197       | 240       | 66%   | 285       | 345       | 365            |
| Bull Lake Ck nr Lenore       | JUN-JUL         | 56  | 66        | 73        | 68%   | 80        | 90        | 108            |
|                              | JUN-SEP         | 74  | 87        | 96        | 69%   | 105       | 118       | 139            |
| Wind R at Riverton           | JUN-JUL         | 156   | 205       | 235       | 67%   | 270       | 315       | 350            |
|                              | JUN-SEP         | 187   | 250       | 290       | 67%   | 335       | 395       | 430            |
| Little Popo Agie R nr Lander | JUN-JUL         | 4.6   | 8.7       | 11.5      | 43%   | 14.3      | 18.4      | 27             |
|                              | JUN-SEP         | 8.5   | 13.1      | 16.3      | 49%   | 19.5      | 24        | 33             |
| Little Wind R nr Riverton    | JUN-JUL         | 1.83  | 30        | 55        | 30%   | 80        | 117       | 183            |
|                              | JUN-SEP         | -1  | 42        | 71        | 34%   | 100       | 143       | 210            |
| Boysen Reservoir Inflow      | JUN-JUL         | 44  | 128       | 184       | 43%   | 240       | 325       | 425            |
|                              | JUN-SEP         | 26  | 130       | 200       | 41%   | 275       | 375       | 485            |

1) 90% and 10% exceedance probabilities are actually 95% and 5%

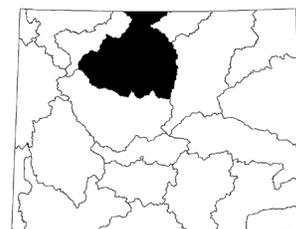
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

**WIND RIVER BASIN**  
**Water Supply Forecasts**  
**June 1, 2020**

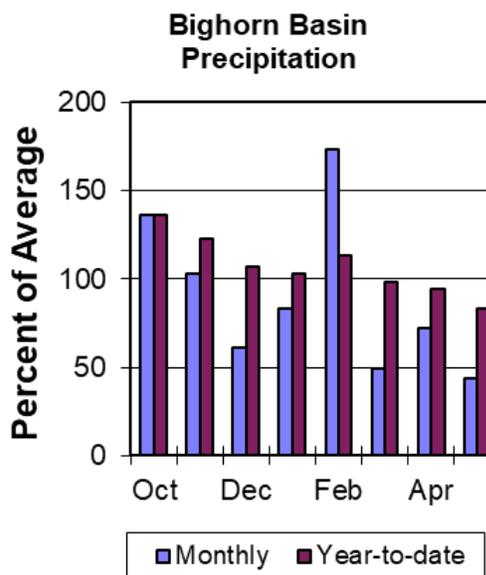
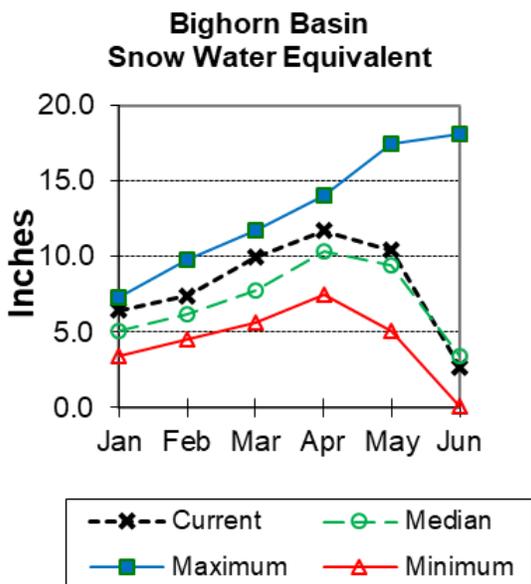


# Bighorn River Basin



## Snow

The Bighorn River Basin SWE (above Bighorn Reservoir) is 78% of median. The Greybull River SWE is at 0% of median. Shell Creek SWE is at 83% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



## Precipitation

Last month's precipitation was 44% of average. Year-to-date precipitation is 83% of average.

## Reservoirs

Current reservoir storage in the basin is 97% of average.

|                         | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|-------------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Boysen                  | 490.3         | 565.0           | 498.4         | 596.0          | 82%                | 95%                  | 84%                | 98%               | 113%                |
| Bighorn Lake            | 816.9         | 891.9           | 848.0         | 1356.0         | 60%                | 66%                  | 63%                | 96%               | 105%                |
| <b>Basin-wide Total</b> | <b>1307.2</b> | <b>1456.9</b>   | <b>1346.4</b> | <b>1952.0</b>  | <b>67%</b>         | <b>75%</b>           | <b>69%</b>         | <b>97%</b>        | <b>108%</b>         |
| # of reservoirs         | 2             | 2               | 2             | 2              | 2                  | 2                    | 2                  | 2                 | 2                   |

## Streamflow

The 50% exceedance forecasts for the June through September runoffs are well below average. Boysen Reservoir inflow has a forecasted yield 41% of average; the Greybull River near Meeteetse yielding around 73% of average; Shell Creek near Shell yielding around 78% of average and the Bighorn River at Kane to yield around 37% of average.

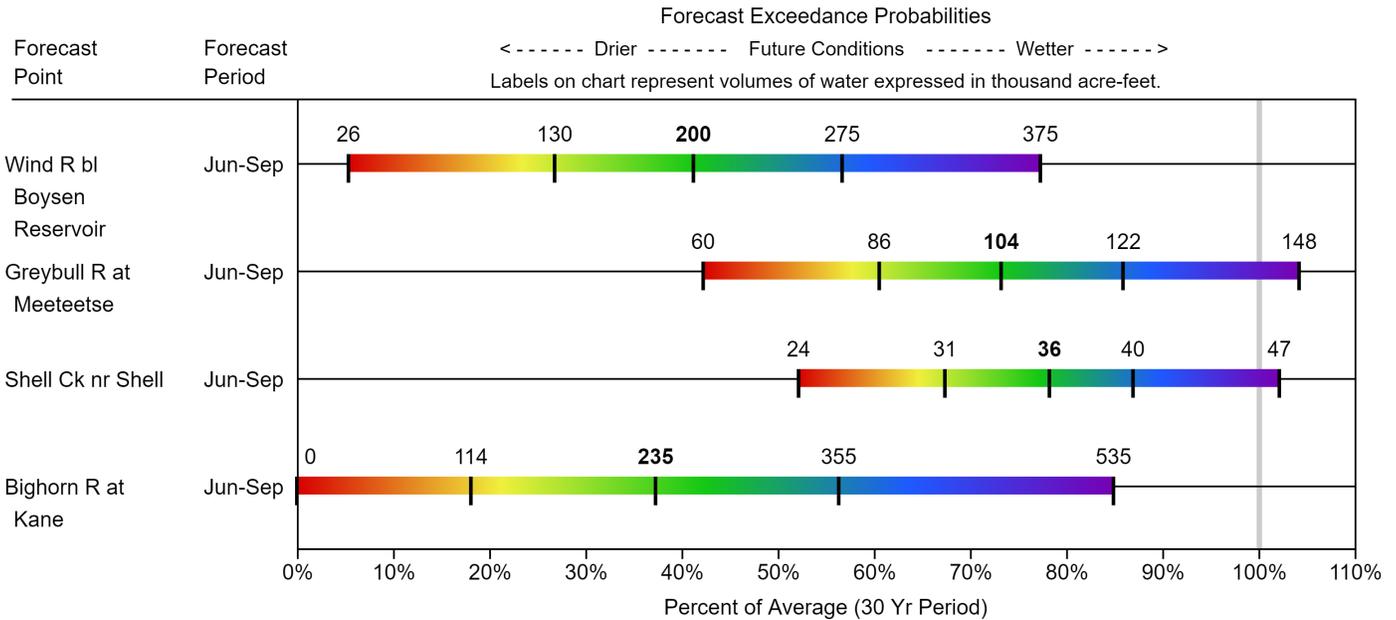
*See the following for detailed runoff volumes.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

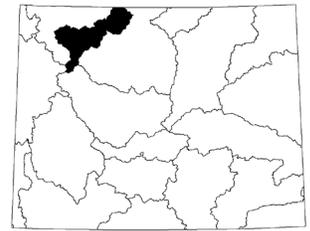
| <b>BIGHORN RIVER BASIN</b>     | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|--------------------------------|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| <b>Boysen Reservoir Inflow</b> |                 |           |           |           |       |           |           |                |
|                                | JUN-JUL         | 44        | 128       | 184       | 43%   | 240       | 325       | 425            |
|                                | JUN-SEP         | 26        | 130       | 200       | 41%   | 275       | 375       | 485            |
| <b>Greybull R nr Meeteetse</b> |                 |           |           |           |       |           |           |                |
|                                | JUN-JUL         | 32        | 53        | 68        | 71%   | 82        | 103       | 96             |
|                                | JUN-SEP         | 60        | 86        | 104       | 73%   | 122       | 148       | 142            |
| <b>Shell Ck nr Shell</b>       |                 |           |           |           |       |           |           |                |
|                                | JUN-JUL         | 15.3      | 21        | 25        | 71%   | 29        | 35        | 35             |
|                                | JUN-SEP         | 24        | 31        | 36        | 78%   | 40        | 47        | 46             |
| <b>Bighorn R at Kane</b>       |                 |           |           |           |       |           |           |                |
|                                | JUN-JUL         | 0         | 132       | 230       | 40%   | 335       | 480       | 570            |
|                                | JUN-SEP         | 0         | 114       | 235       | 37%   | 355       | 535       | 630            |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**BIGHORN RIVER BASIN**  
**Water Supply Forecasts**  
**June 1, 2020**

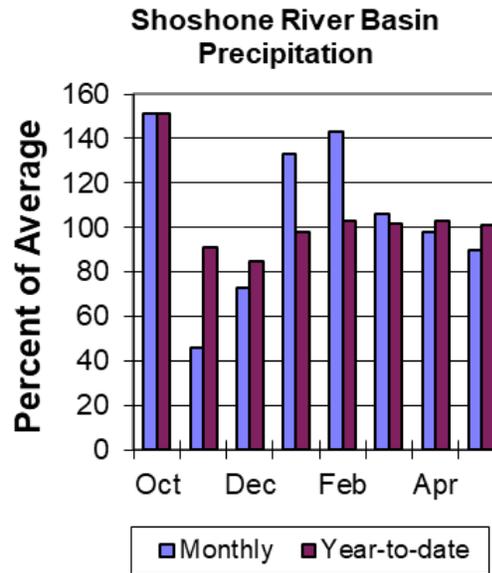
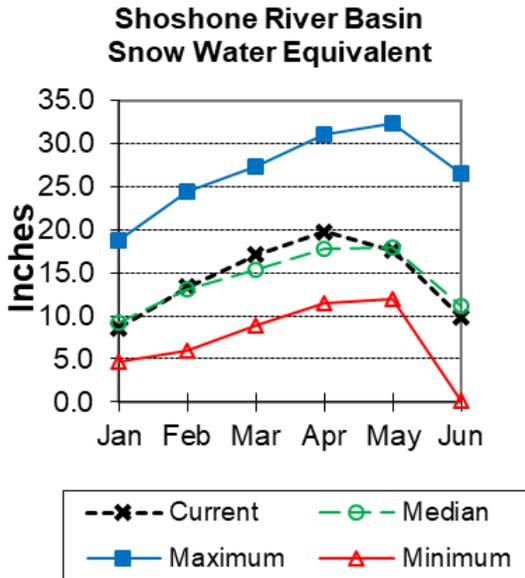


# Shoshone River Basin



## Snow

Snow Water Equivalent (SWE) is 88% 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 90% of average. The basin year-to-date precipitation is now 101% of average.

## Reservoirs

Current storage in Buffalo Bill Reservoir is about 126% of average.

|                  | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Buffalo Bill     | 486.0         | 401.6           | 385.4         | 646.6          | 75%                | 62%                  | 60%                | 126%              | 104%                |
| Basin-wide Total | 486.0         | 401.6           | 385.4         | 646.6          | 75%                | 62%                  | 60%                | 126%              | 104%                |
| # of reservoirs  | 1             | 1               | 1             | 1              | 1                  | 1                    | 1                  | 1                 | 1                   |

## Streamflow

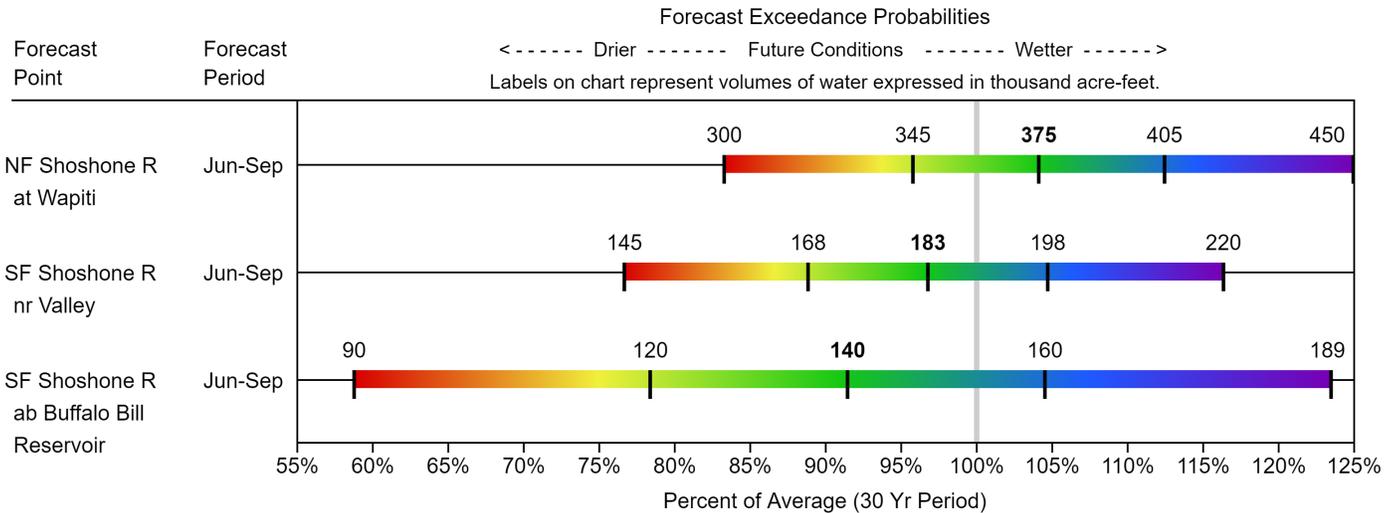
The 50% exceedance forecasts for the June through September period are near average for the basin. The North Fork Shoshone River at Wapiti will yield 104% of average. The South Fork of the Shoshone River near Valley would yield 97% of average. The Buffalo Bill Reservoir inflow to yield 92%. *See the following for detailed runoff volumes.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

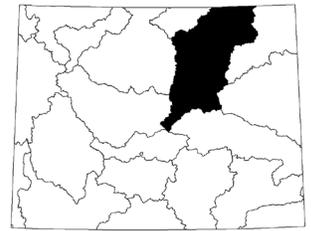
| SHOSHONE RIVER<br>BASIN                 | Forecast<br>Period | Forecast Exceedance Probabilities for Risk Assessment |              |              |          |              |              |                   |
|---|--------------------|---|--------------|--------------|----------|--------------|--------------|-------------------|
|   |                    | 90%<br>(KAF)  | 70%<br>(KAF) | 50%<br>(KAF) | %<br>Avg | 30%<br>(KAF) | 10%<br>(KAF) | 30yr Avg<br>(KAF) |
| NF Shoshone R at Wapiti                 |                    |   |              |              |          |              |              |                   |
|   | JUN-JUL            | 255   | 295          | 320          | 105%     | 345          | 385          | 305               |
|   | JUN-SEP            | 300   | 345          | 375          | 104%     | 405          | 450          | 360               |
| SF Shoshone R nr Valley                 |                    |   |              |              |          |              |              |                   |
|   | JUN-JUL            | 121   | 139          | 152          | 97%      | 165          | 183          | 157               |
|   | JUN-SEP            | 145   | 168          | 183          | 97%      | 198          | 220          | 189               |
| SF Shoshone R ab Buffalo Bill Reservoir |                    |   |              |              |          |              |              |                   |
|   | JUN-JUL            | 89  | 115          | 132          | 91%      | 150          | 176          | 145               |
|   | JUN-SEP            | 90  | 120          | 140          | 92%      | 160          | 189          | 153               |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**SHOSHONE RIVER BASIN**  
**Water Supply Forecasts**  
**June 1, 2020**

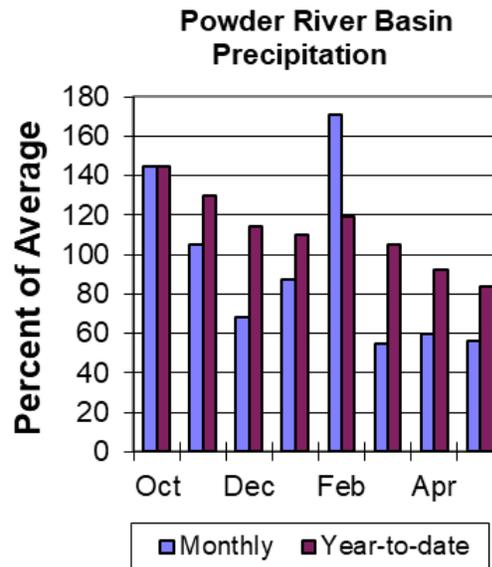
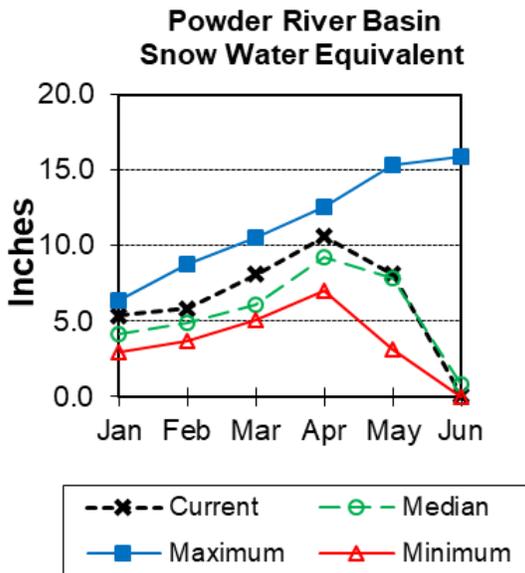


# Powder River Basin



## Snow

Powder River Basin SWE is at 4% of median. SWE in the Clear Creek drainage is 4% of median. *See appendix at the end of this report for a detailed listing of snow course information.*



## Precipitation

Last month's precipitation was 56% of average in the basin. Year-to-date precipitation is 84% of average.

## Reservoirs

No reservoir data for this basin.

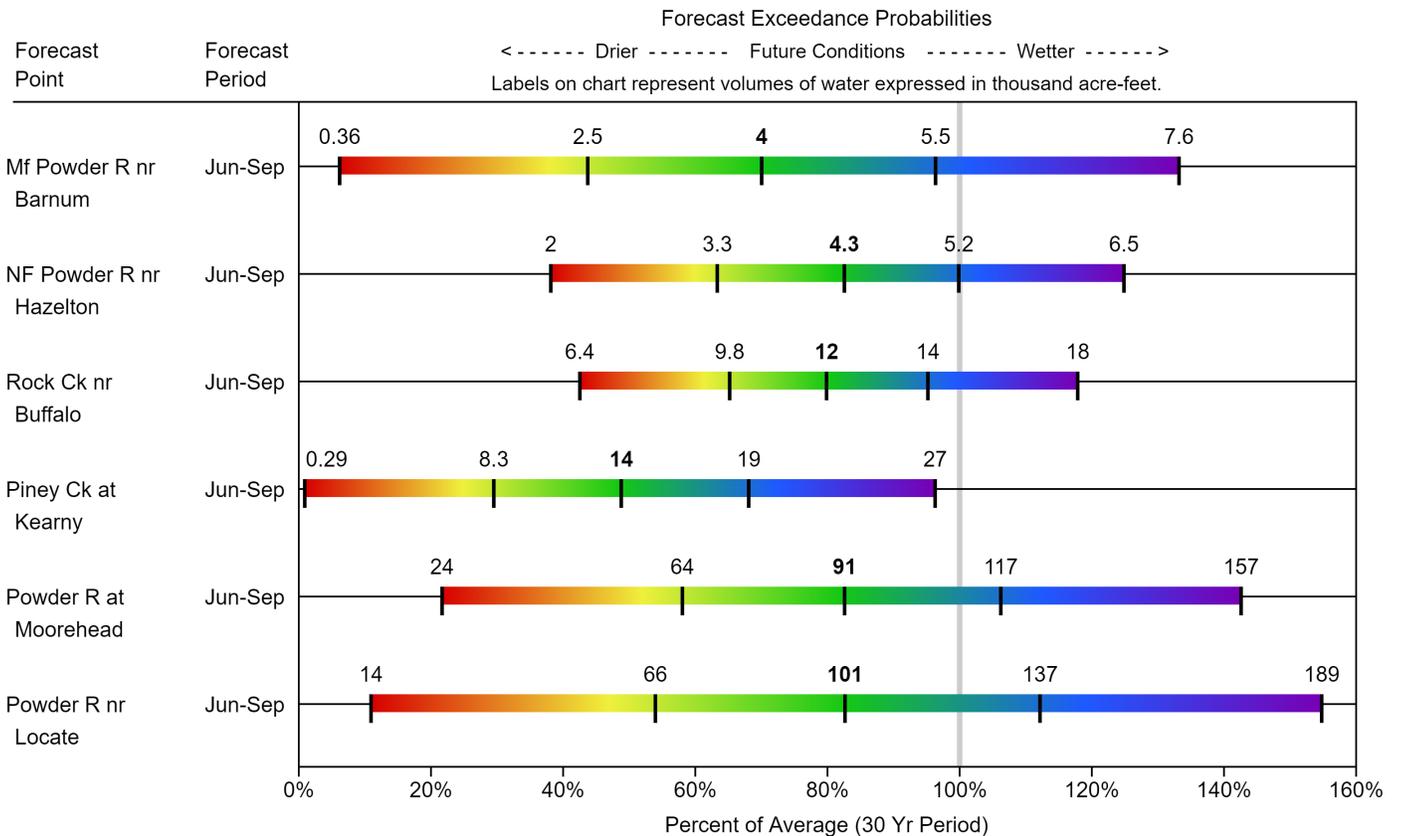
## Streamflow

The 50% exceedance forecasts for the June through September period are well below average for the basin. The Middle Fork of the Powder River near Barnum should yield around 70% of average. The North Fork of the Powder River near Hazelton to yield around 83%. The Powder River near Morehead to yield around 83% of average. *See the following for detailed runoff volumes.*

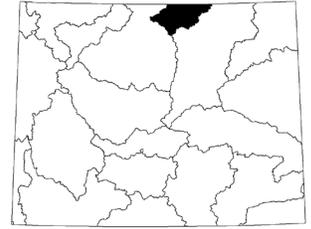
| POWDER RIVER BASIN      | Forecast Period | Forecast Exceedance Probabilities for Risk Assessment<br>Chance that actual volume will exceed forecast |           |           |       |           |           |                |
|-------------------------|-----------------|---|-----------|-----------|-------|-----------|-----------|----------------|
|                         |                 | 90% (KAF)   | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
| MF Powder R nr Barnum   | JUN-JUL         | 0.05  | 1.8       | 3.2       | 67%   | 4.6       | 6.7       | 4.8            |
|                         | JUN-SEP         | 0.36  | 2.5       | 4         | 70%   | 5.5       | 7.6       | 5.7            |
| NF Powder R nr Hazelton | JUN-JUL         | 1.51  | 2.7       | 3.6       | 80%   | 4.4       | 5.6       | 4.5            |
|                         | JUN-SEP         | 1.99  | 3.3       | 4.3       | 83%   | 5.2       | 6.5       | 5.2            |
| Rock Ck nr Buffalo      | JUN-JUL         | 3.8   | 6.7       | 8.6       | 76%   | 10.6      | 13.5      | 11.3           |
|                         | JUN-SEP         | 6.4   | 9.8       | 12        | 80%   | 14.3      | 17.7      | 15             |
| Piney Ck at Kearny      | JUN-JUL         | 0.25  | 6.1       | 10.8      | 43%   | 15.5      | 22        | 25             |
|                         | JUN-SEP         | 0.29  | 8.3       | 13.7      | 49%   | 19.1      | 27        | 28             |
| Powder R at Moorehead   | JUN-JUL         | 15.1  | 49        | 73        | 79%   | 96        | 130       | 92             |
|                         | JUN-SEP         | 24  | 64        | 91        | 83%   | 117       | 157       | 110            |
| Powder R nr Locate      | JUN-JUL         | 7.3   | 52        | 82        | 81%   | 113       | 157       | 101            |
|                         | JUN-SEP         | 13.5  | 66        | 101       | 83%   | 137       | 189       | 122            |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**POWDER RIVER BASIN**  
Water Supply Forecasts  
June 1, 2020

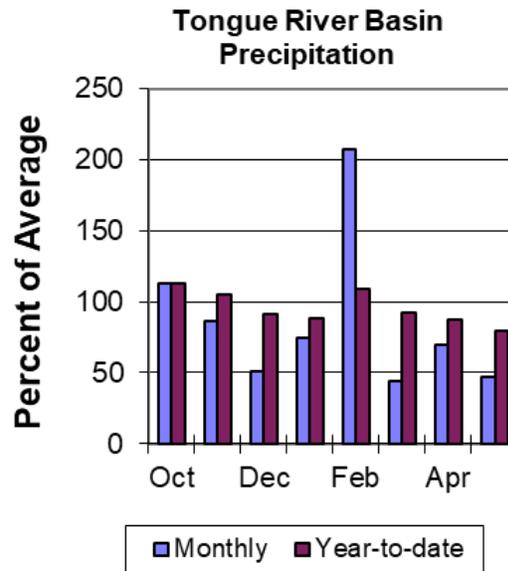
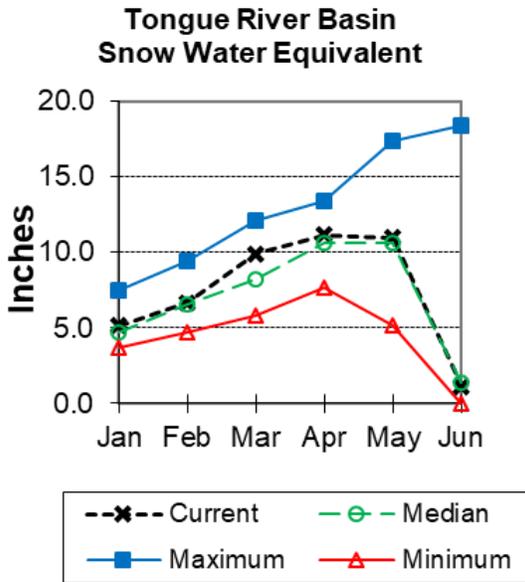


# Tongue River Basin



## Snow

Upper Tongue River drainage SWE is at 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 47% of average. Year-to-date precipitation is 79% of average in the basin.

## Reservoirs

The Tongue River Reservoir is at 154% of average.

|                  | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Tongue River Res | 80.7          | 82.8            | 52.6          | 79.1           | 102%               | 105%                 | 66%                | 154%              | 157%                |
| Basin-wide Total | 80.7          | 82.8            | 52.6          | 79.1           | 102%               | 105%                 | 66%                | 154%              | 157%                |
| # of reservoirs  | 1             | 1               | 1             | 1              | 1                  | 1                    | 1                  | 1                 | 1                   |

## Streamflow

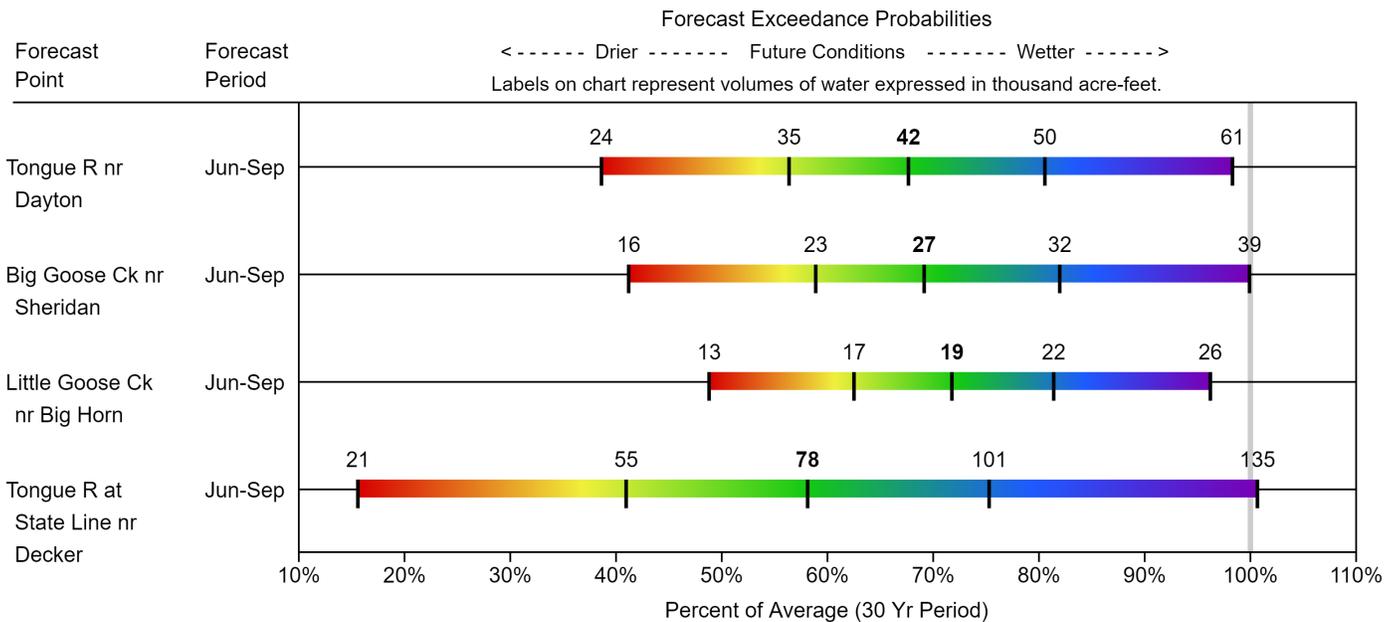
The 50% exceedance forecasts for the June through September period are well below average for the basin. The yield for Tongue River near Dayton is forecasted to be 68% of average. Big Goose Creek near Sheridan to yield around 69%. Little Goose Creek near Bighorn yielding 72% of average. The Tongue River Reservoir Inflow will be about 58% of average. *See below for detailed runoff volumes.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

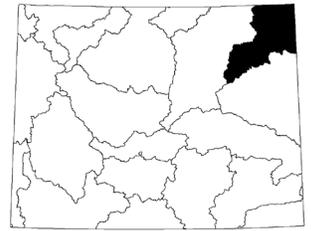
| TONGUE RIVER BASIN            | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|-------------------------------|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| Tongue R nr Dayton            |                 |           |           |           |       |           |           |                |
|                               | JUN-JUL         | 15.8      | 25        | 32        | 65%   | 38        | 47        | 49             |
|                               | JUN-SEP         | 24        | 35        | 42        | 68%   | 50        | 61        | 62             |
| Big Goose Ck nr Sheridan      |                 |           |           |           |       |           |           |                |
|                               | JUN-JUL         | 8.7       | 15.2      | 19.6      | 63%   | 24        | 30        | 31             |
|                               | JUN-SEP         | 16.1      | 23        | 27        | 69%   | 32        | 39        | 39             |
| Little Goose Ck nr Bighorn    |                 |           |           |           |       |           |           |                |
|                               | JUN-JUL         | 7.3       | 10.1      | 12        | 63%   | 13.9      | 16.7      | 19.1           |
|                               | JUN-SEP         | 13.2      | 16.9      | 19.4      | 72%   | 22        | 26        | 27             |
| Tongue River Reservoir Inflow |                 |           |           |           |       |           |           |                |
|                               | JUN-JUL         | 11.9      | 40        | 59        | 54%   | 79        | 107       | 110            |
|                               | JUN-SEP         | 21        | 55        | 78        | 58%   | 101       | 135       | 134            |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**TONGUE RIVER BASIN**  
**Water Supply Forecasts**  
June 1, 2020

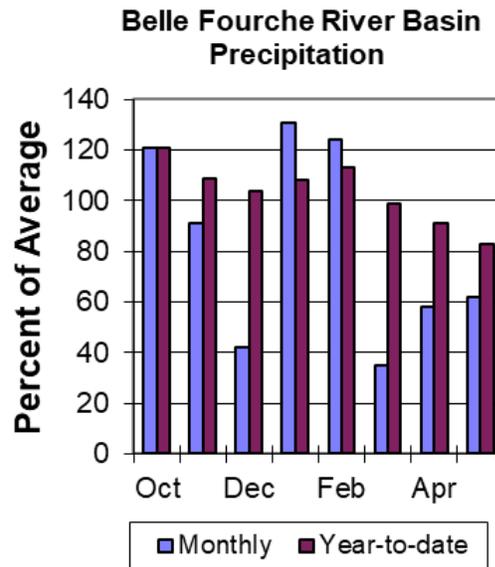
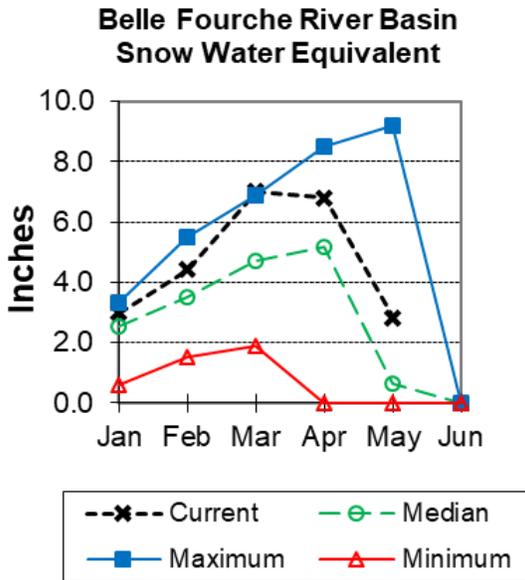


# Belle Fourche River Basin



## Snow

Currently there is no SWE in the Belle Fourche River Basin. *See Appendix at the end of this report for a detailed listing of snow course information.*



## Precipitation

Precipitation for last month was 62% of average in the Belle Fourche basin. Year-to-date precipitation is 83% of average.

## Reservoirs

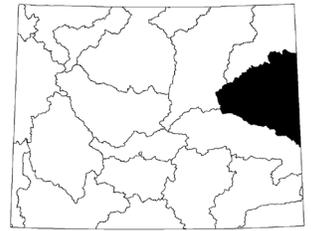
Combined storage for the 3 reservoirs in the basin is at 129% of average.

|                         | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|-------------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Belle Fourche           | 161.1         | 160.4           | 155.1         | 178.4          | 90%                | 90%                  | 87%                | 104%              | 103%                |
| Keyhole                 | 175.7         | 192.0           | 100.9         | 193.8          | 91%                | 99%                  | 52%                | 174%              | 190%                |
| Shadehill               | 73.8          | 83.1            | 61.4          | 81.4           | 91%                | 102%                 | 75%                | 120%              | 135%                |
| <b>Basin-wide Total</b> | <b>410.5</b>  | <b>435.5</b>    | <b>317.4</b>  | <b>453.6</b>   | <b>91%</b>         | <b>96%</b>           | <b>70%</b>         | <b>129%</b>       | <b>137%</b>         |
| # of reservoirs         | 3             | 3               | 3             | 3              | 3                  | 3                    | 3                  | 3                 | 3                   |

## Streamflow

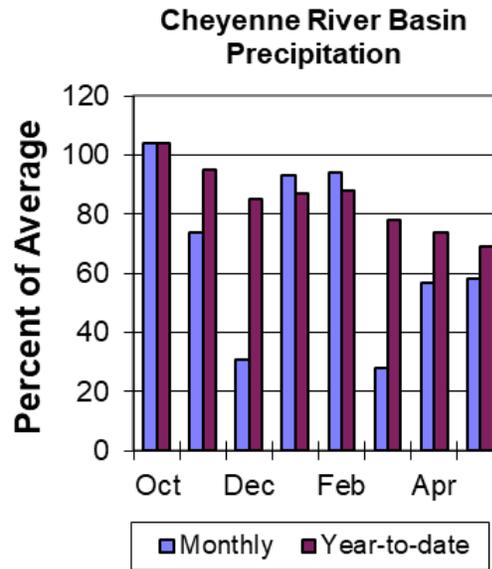
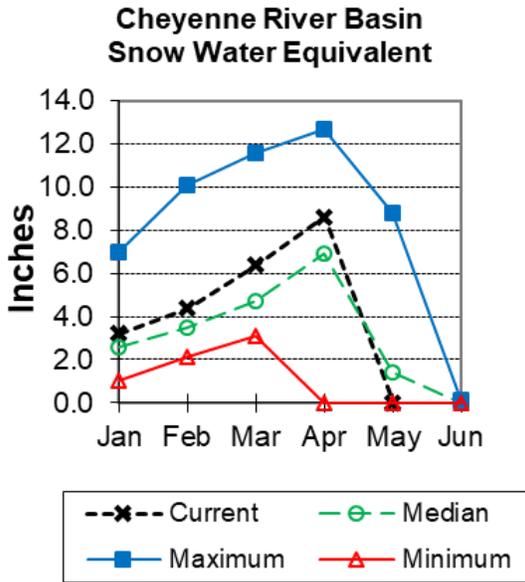
There are no streamflow forecast points for the basin.

# Cheyenne River Basin



## Snow

Currently there is no SWE recorded for sites in the Cheyenne River Basin. *See Appendix at the end of this report for a detailed listing.*



## Precipitation

Precipitation for last month was 58% of average. Year-to-date precipitation is 69%.

## Reservoirs

Combined storage for the 3 reservoirs in the basin is at 109% of average.

|                  | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Angostura        | 109.8         | 111.5           | 101.3         | 122.1          | 90%                | 91%                  | 83%                | 108%              | 110%                |
| Deerfield        | 15.3          | 15.6            | 14.3          | 15.2           | 100%               | 102%                 | 94%                | 107%              | 109%                |
| Pactola          | 54.0          | 61.3            | 48.9          | 55.0           | 98%                | 111%                 | 89%                | 110%              | 125%                |
| Basin-wide Total | 179.1         | 188.3           | 164.5         | 192.3          | 93%                | 98%                  | 86%                | 109%              | 114%                |
| # of reservoirs  | 3             | 3               | 3             | 3              | 3                  | 3                    | 3                  | 3                 | 3                   |

## Streamflow

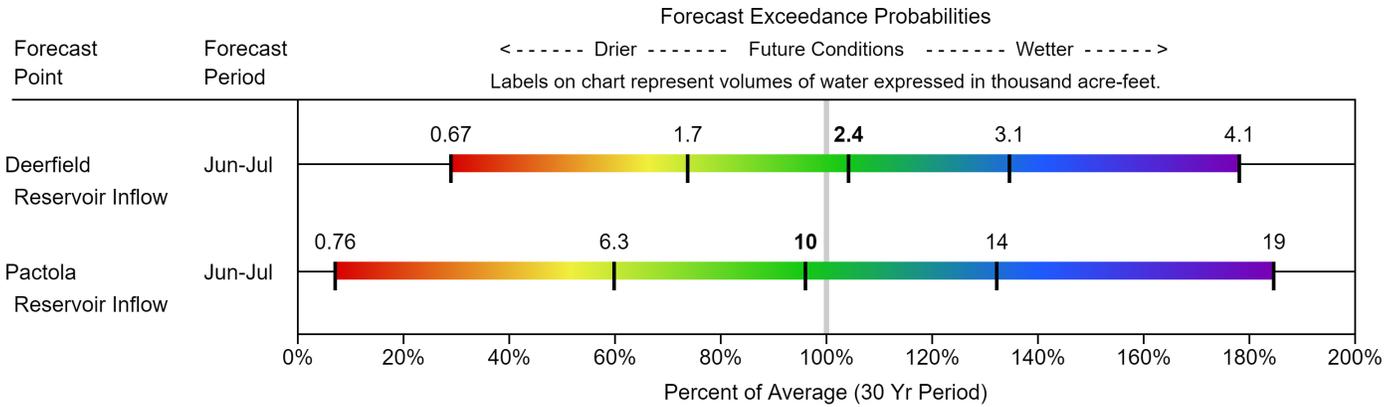
The Deerfield Reservoir Inflow yield is forecasted at 104% of average. Pactola Reservoir Inflow yield is 96% of average. *See the following for detailed runoff volumes.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

| <b>CHEYENNE RIVER BASIN</b> | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|-----------------------------|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| Deerfield Reservoir Inflow  | JUN-JUL         | 0.67      | 1.7       | 2.4       | 104%  | 3.1       | 4.1       | 2.3            |
| Pactola Reservoir Inflow    | JUN-JUL         | 0.76      | 6.3       | 10.1      | 96%   | 13.9      | 19.4      | 10.5           |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**CHEYENNE RIVER BASIN**  
**Water Supply Forecasts**  
**June 1, 2020**



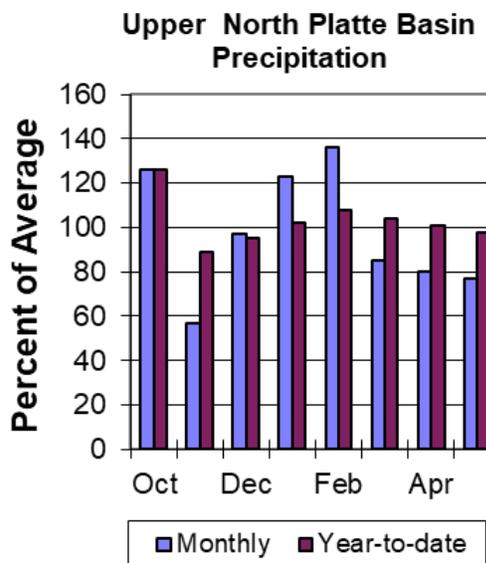
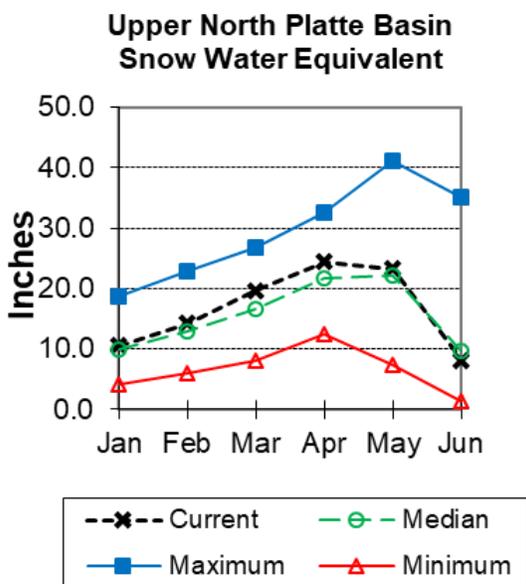
# Upper North Platte River Basin



## Snow

The Upper North Platte River Basin SWE above Seminoe Reservoir is 83% of median. North Platte above Northgate SWE is 76% of median. Encampment River SWE is 76% of median. Brush Creek SWE is 93% of median. Medicine Bow and Rock Creek SWE are 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 77% of average. Total water-year-to-date precipitation is 98% of average.

## Reservoirs

Seminoe Reservoir storage is at 129% of average.

|                  | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Seminoe          | 782.8         | 721.8           | 607.1         | 1016.7         | 77%                | 71%                  | 60%                | 129%              | 119%                |
| Basin-wide Total | 782.8         | 721.8           | 607.1         | 1016.7         | 77%                | 71%                  | 60%                | 129%              | 119%                |
| # of reservoirs  | 1             | 1               | 1             | 1              | 1                  | 1                    | 1                  | 1                 | 1                   |

## Streamflow

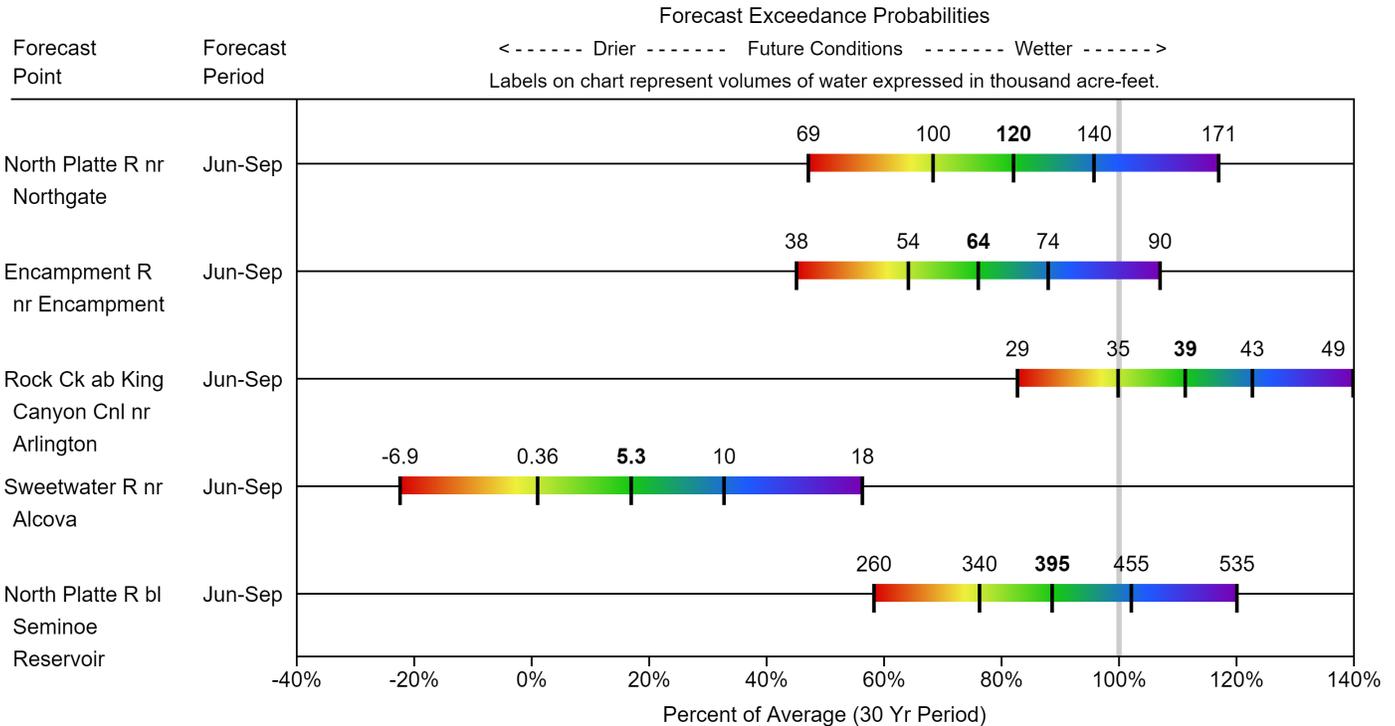
The 50% exceedance forecasts for the June through September period are below average for the Upper North Platte River Basin. The yield for the North Platte River near Northgate will be around 82% of average. The Encampment River near Encampment yield will be about 76%. Rock Creek near Arlington yield will be around 111%. Seminoe Reservoir inflow should be about 89%. *See the following page for more detailed information on projected runoff.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

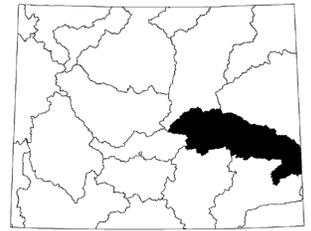
| <b>UPPER NORTH PLATTE RIVER BASIN</b>         | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|---|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| <b>North Platte R nr Northgate</b>            |                 |           |           |           |       |           |           |                |
|   | JUN-JUL         | 56        | 82        | 100       | 81%   | 118       | 144       | 123            |
|   | JUN-SEP         | 69        | 100       | 120       | 82%   | 140       | 171       | 146            |
| <b>Encampment R nr Encampment<sup>2</sup></b> |                 |           |           |           |       |           |           |                |
|   | JUN-JUL         | 32        | 47        | 57        | 76%   | 67        | 82        | 75             |
|   | JUN-SEP         | 38        | 54        | 64        | 76%   | 74        | 90        | 84             |
| <b>Rock Ck nr Arlington</b>                   |                 |           |           |           |       |           |           |                |
|   | JUN-JUL         | 27        | 32        | 36        | 113%  | 40        | 46        | 32             |
|   | JUN-SEP         | 29        | 35        | 39        | 111%  | 43        | 49        | 35             |
| <b>Sweetwater R nr Alcova</b>                 |                 |           |           |           |       |           |           |                |
|   | JUN-JUL         | -7.5      | -1.49     | 2.6       | 10%   | 6.7       | 12.7      | 26             |
|   | JUN-SEP         | -6.9      | 0.36      | 5.3       | 17%   | 10.2      | 17.5      | 31             |
| <b>Seminole Reservoir Inflow</b>              |                 |           |           |           |       |           |           |                |
|   | JUN-JUL         | 215       | 290       | 345       | 88%   | 400       | 475       | 390            |
|   | JUN-SEP         | 260       | 340       | 395       | 89%   | 455       | 535       | 445            |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**UPPER NORTH PLATTE RIVER BASIN**  
**Water Supply Forecasts**  
**June 1, 2020**

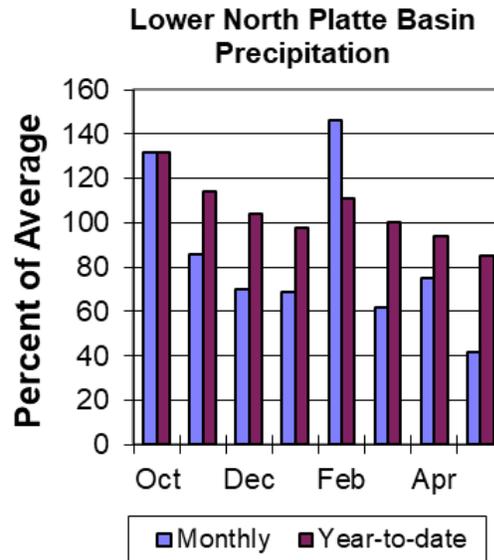
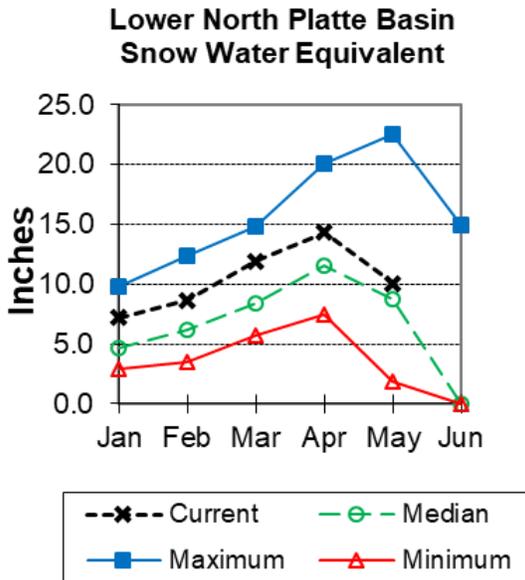


# Lower North Platte River Basin



## Snow

Currently there is no SWE recorded at sites in the Lower North Platte River Basin. *See Appendix at the end of this report for a detailed listing of snow course information.*



## Precipitation

Last month's precipitation was 42% of average. The water year-to-date precipitation for the basin is currently 85% of average.

## Reservoirs

Combined storage for the 4 reservoirs in the basin is at 119% of average.

|                  | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Alcova           | 179.8         | 180.8           | 179.7         | 184.3          | 98%                | 98%                  | 98%                | 100%              | 101%                |
| Glendo           | 397.9         | 515.6           | 475.0         | 506.4          | 79%                | 102%                 | 94%                | 84%               | 109%                |
| Guernsey         | 28.0          | 32.3            | 34.3          | 45.6           | 61%                | 71%                  | 75%                | 82%               | 94%                 |
| Pathfinder       | 971.6         | 833.1           | 633.8         | 1016.5         | 96%                | 82%                  | 62%                | 153%              | 131%                |
| Basin-wide Total | 1577.3        | 1561.9          | 1322.8        | 1752.8         | 90%                | 89%                  | 75%                | 119%              | 118%                |
| # of reservoirs  | 4             | 4               | 4             | 4              | 4                  | 4                    | 4                  | 4                 | 4                   |

## Streamflow

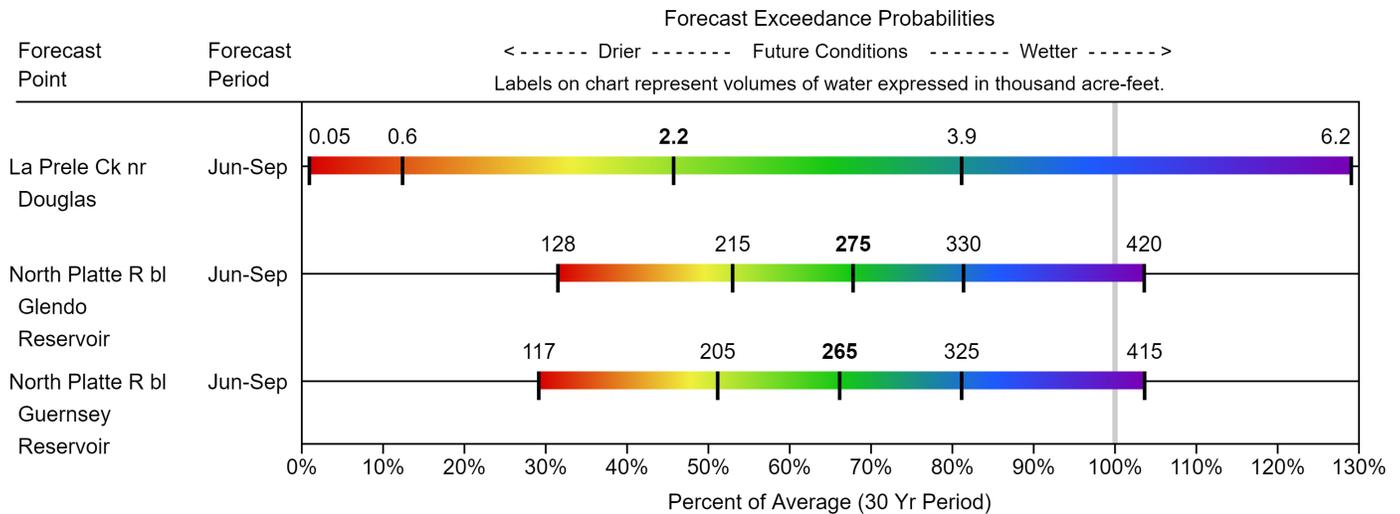
The 50% exceedance forecasts for the June through September period will be well below average. LaPrele Creek above LaPrele Reservoir is forecasted to yield 46% of average. North Platte River below Guernsey Reservoir to yield around 66% of average. *See the following for more detailed information on projected runoff.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

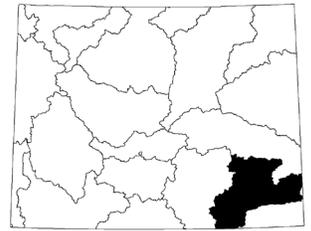
| <b>LOWER NORTH PLATTE RIVER BASIN</b> | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|---------------------------------------|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| La Prele Ck ab La Prele Reservoir     |                 |           |           |           |       |           |           |                |
|                                       | JUN-JUL         | 0.04      | 0.33      | 1.89      | 42%   | 3.5       | 5.8       | 4.5            |
|                                       | JUN-SEP         | 0.05      | 0.6       | 2.2       | 46%   | 3.9       | 6.2       | 4.8            |
| North Platte R bl Glendo Reservoir    |                 |           |           |           |       |           |           |                |
|                                       | JUN-JUL         | 115       | 195       | 250       | 67%   | 300       | 380       | 375            |
|                                       | JUN-SEP         | 128       | 215       | 275       | 68%   | 330       | 420       | 405            |
| North Platte R bl Guernsey Reservoir  |                 |           |           |           |       |           |           |                |
|                                       | JUN-JUL         | 103       | 184       | 240       | 65%   | 295       | 375       | 370            |
|                                       | JUN-SEP         | 117       | 205       | 265       | 66%   | 325       | 415       | 400            |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**LOWER NORTH PLATTE RIVER BASIN**  
**Water Supply Forecasts**  
**June 1, 2020**

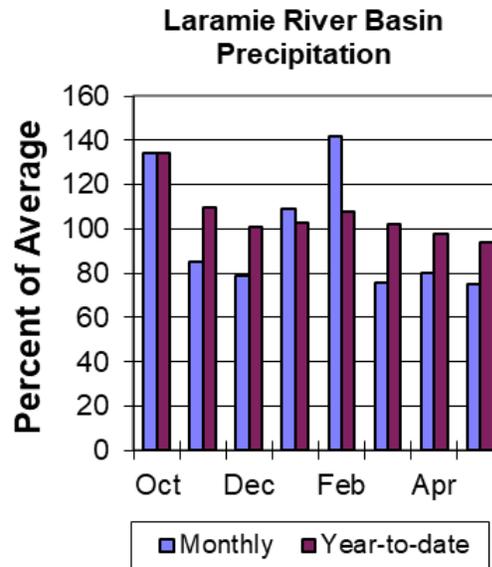
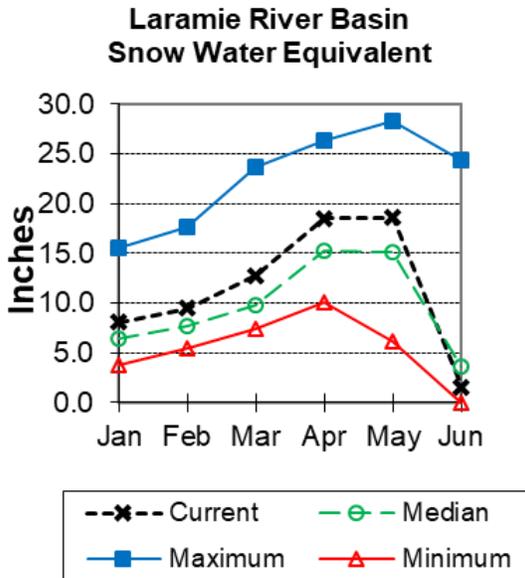


# Laramie River Basin



## Snow

SWE for the entire Laramie River Basin (above mouth entering North Platte) is 43% of median. SWE for the Laramie River above Laramie is 3% of median. SWE for the Little Laramie River is 105% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



## Precipitation

Last month's precipitation was 75% of average. The water year-to-date precipitation for the basin is currently 94% of average.

## Reservoirs

No reservoir data for this basin.

## Streamflow

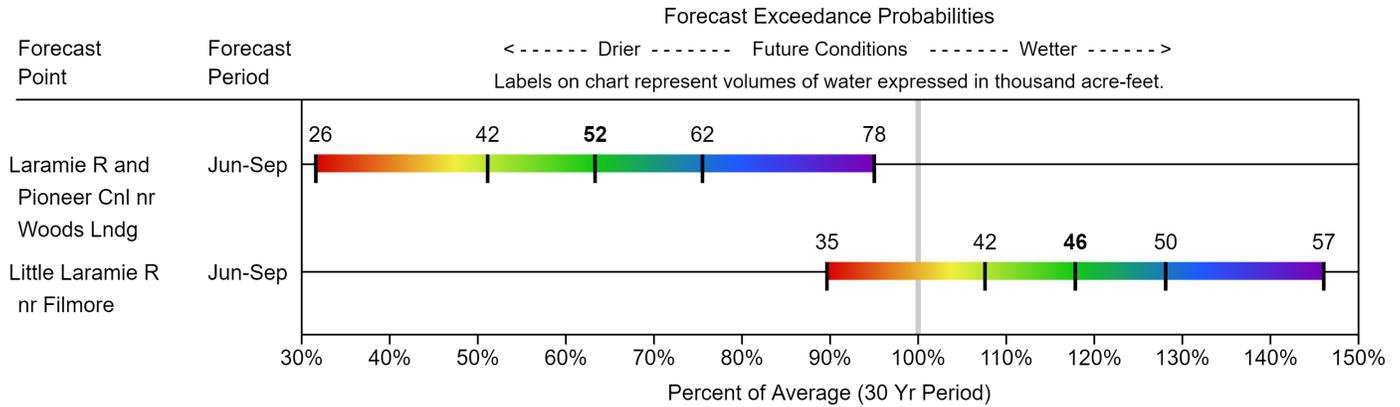
The 50% exceedance forecasts for the June through September period at Laramie River near Woods Landing should yield around 63% of average. The Little Laramie near Filmore should produce about 118% of average.

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

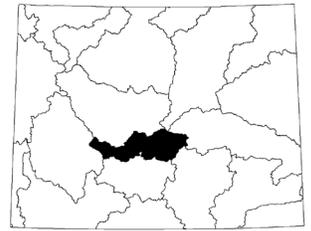
| <b>LARAMIE RIVER BASIN</b>         | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|------------------------------------|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| <b>Laramie R nr Woods</b>          |                 |           |           |           |       |           |           |                |
|                                    | JUN-JUL         | 20        | 34        | 44        | 62%   | 53        | 67        | 71             |
|                                    | JUN-SEP         | 26        | 42        | 52        | 63%   | 62        | 78        | 82             |
| <b>Little Laramie R nr Filmore</b> |                 |           |           |           |       |           |           |                |
|                                    | JUN-JUL         | 31        | 37        | 41        | 117%  | 45        | 51        | 35             |
|                                    | JUN-SEP         | 35        | 42        | 46        | 118%  | 50        | 57        | 39             |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**LARAMIE RIVER BASIN**  
**Water Supply Forecasts**  
**June 1, 2020**

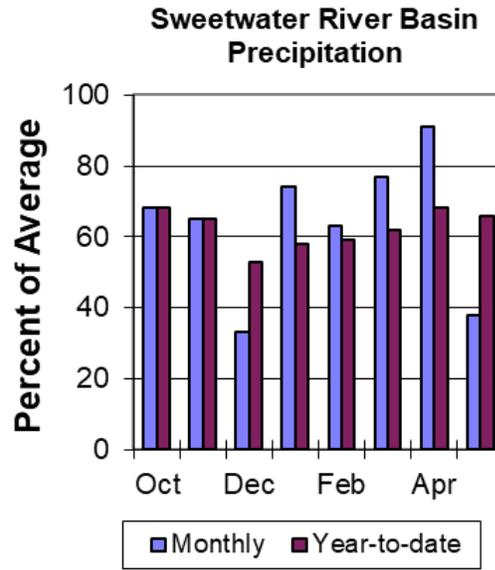
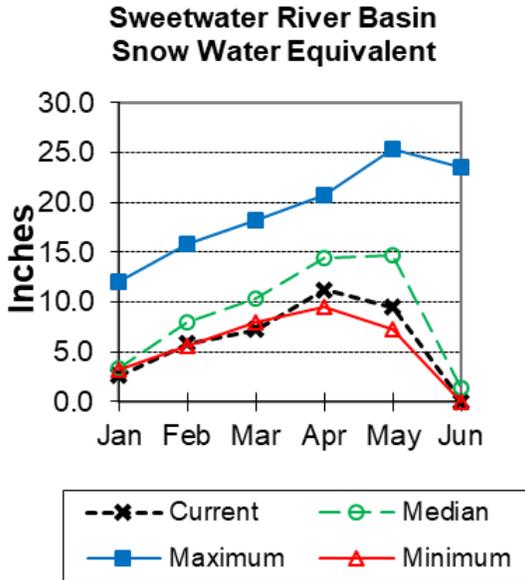


# Sweetwater River Basin



## 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 38% of average. The water year-to-date precipitation for the basin is currently 66% of average.

## Reservoirs

Pathfinder is storing at 153% of average for this time of year.

|                  | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Pathfinder       | 971.6         | 833.1           | 633.8         | 1016.5         | 96%                | 82%                  | 62%                | 153%              | 131%                |
| Basin-wide Total | 971.6         | 833.1           | 633.8         | 1016.5         | 96%                | 82%                  | 62%                | 153%              | 131%                |
| # of reservoirs  | 1             | 1               | 1             | 1              | 1                  | 1                    | 1                  | 1                 | 1                   |

## Streamflow

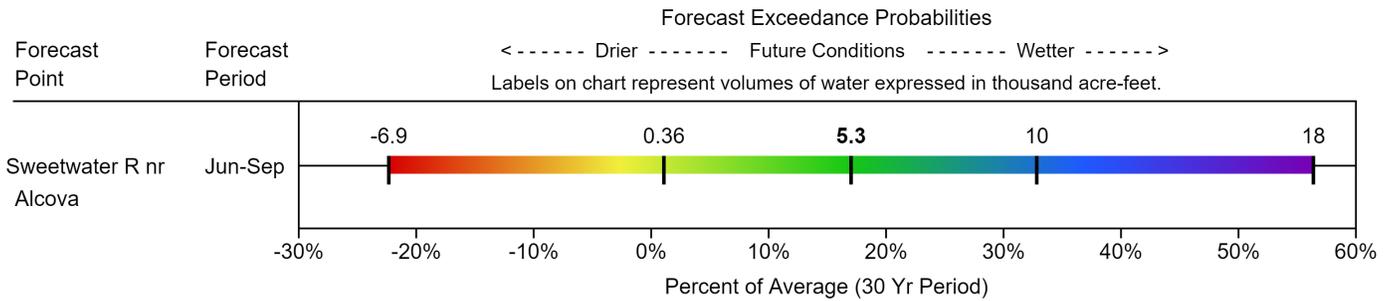
The following is the streamflow forecast for the June through September period. The Sweetwater River near Alcova will yield about 17% of average. *See below for detailed information on projected runoff.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

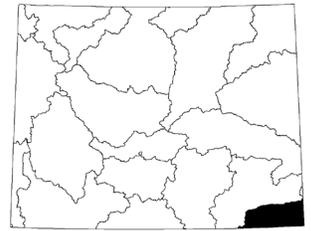
| <b>SWEETWATER RIVER BASIN</b> | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|-------------------------------|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| Sweetwater R nr Alcova        |                 |           |           |           |       |           |           |                |
|                               | JUN-JUL         | -7.5      | -1.49     | 2.6       | 10%   | 6.7       | 12.7      | 26             |
|                               | JUN-SEP         | -6.9      | 0.36      | 5.3       | 17%   | 10.2      | 17.5      | 31             |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**SWEETWATER RIVER BASIN**  
Water Supply Forecasts  
June 1, 2020

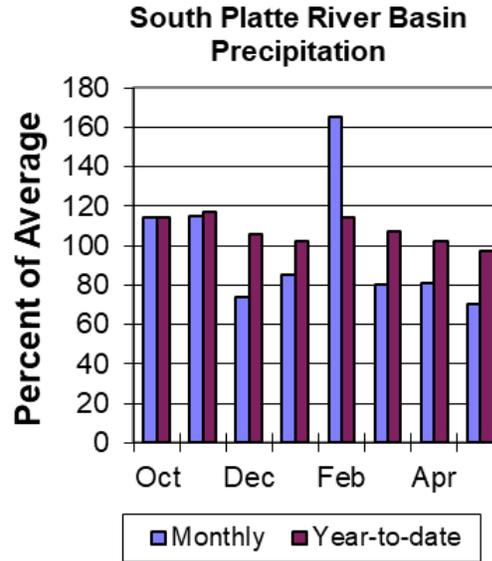
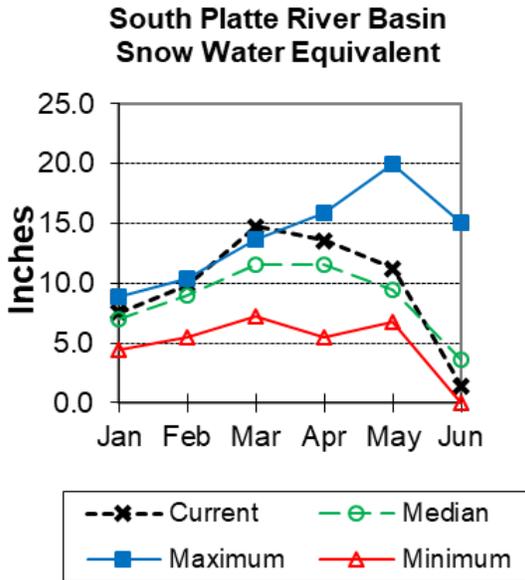


# South Platte River Basin (WY)



## Snow

South Platte River Basin SWE in WY is 38% of median. *See Appendix at the end of this report for a detailed listing of snow course information.*



## Precipitation

Last month's precipitation was 70% of average. The water year-to-date precipitation for the basin is currently 97%.

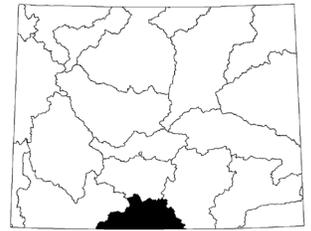
## Reservoirs

No reservoir data for the basin.

## Streamflow

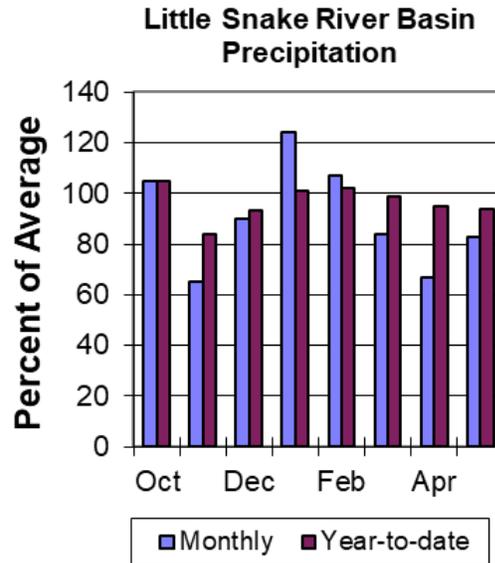
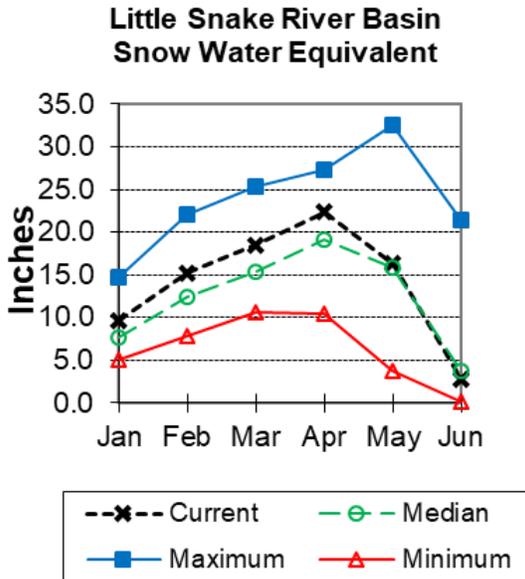
There are no streamflow forecast points for the basin.

# Little Snake River Basin



## Snow

Little Snake River drainage SWE is 72% of median. See *Appendix at the end of this report for a detailed listing of snow course information.*



## Precipitation

Precipitation across the basin was 83% of average. The Little Snake River Basin water-year-to-date precipitation is currently 94% of average.

## Reservoirs

No reservoir data for the basin.

## Streamflow

The 50% exceedance forecasts for the June through July period will be well below average. The Little Snake River near Slater is forecasted to yield around 64% of average. *See below for detailed information on projected runoff.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

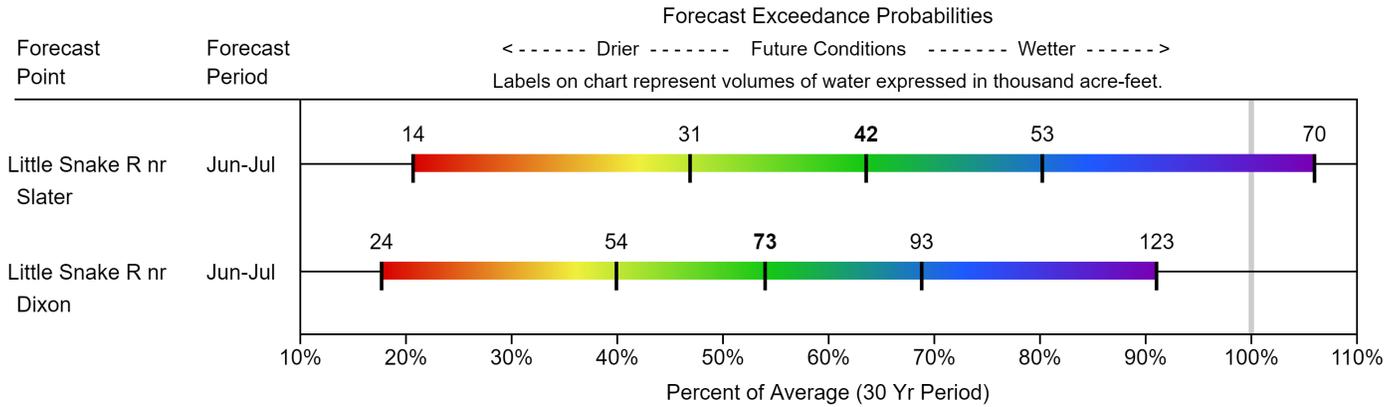
| <b>LITTLE SNAKE RIVER BASIN</b>       | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|---------------------------------------|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| Little Snake R nr Slater <sup>2</sup> | APR-JUL         | 117       | 134       | 145       | 93%   | 156       | 173       | 156            |
|                                       | JUN-JUL         | 13.7      | 31        | 42        | 64%   | 53        | 70        | 66             |
| Little Snake R nr Dixon <sup>2</sup>  | APR-JUL         | 225       | 255       | 270       | 78%   | 290       | 320       | 345            |
|                                       | JUN-JUL         | 24        | 54        | 73        | 54%   | 93        | 123       | 135            |

1) 90% and 10% exceedance probabilities are actually 95% and 5%

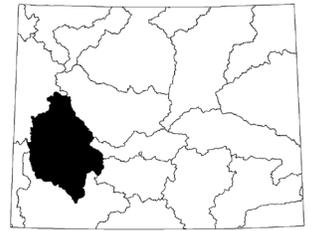
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

**LITTLE SNAKE RIVER BASIN**  
**Water Supply Forecasts**  
**June 1, 2020**

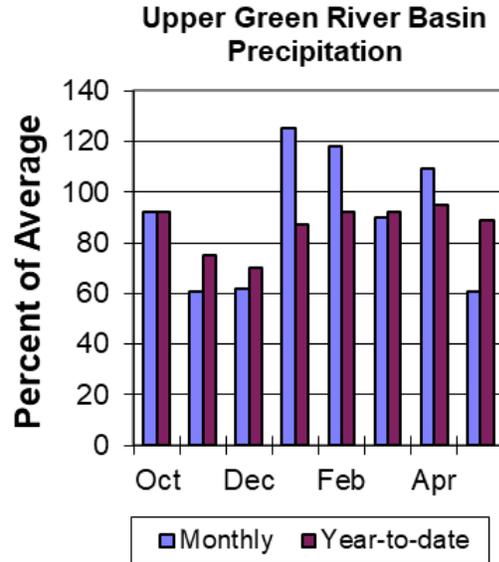
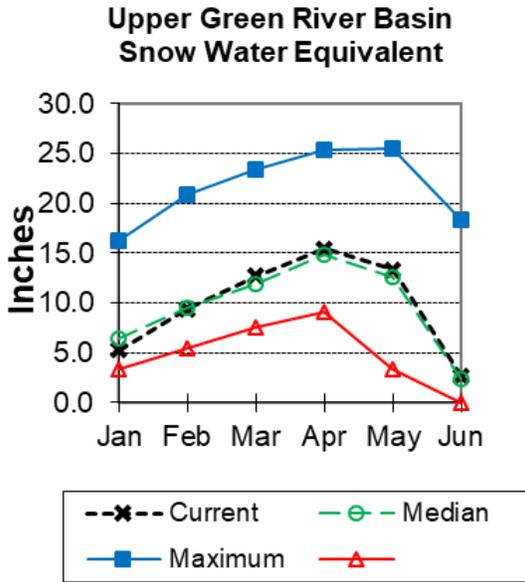


# Upper Green River Basin



## Snow

The Upper Green River Basin SWE (above Fontenelle Reservoir) is 114% of median. Green River Basin above Warren Bridge SWE is 154% of median. West Side of Upper Green River Basin SWE is 149% 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 61% of average last month. Water year-to-date precipitation is 89% of average.

## Reservoir

Combined water storage in the basin was at 122% of average for the 2 reservoirs.

|                         | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|-------------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Big Sandy               | 31.4          | 29.2            | 29.1          | 38.3           | 82%                | 76%                  | 76%                | 108%              | 100%                |
| Fontenelle              | 203.5         | 204.1           | 164.0         | 344.8          | 59%                | 59%                  | 48%                | 124%              | 124%                |
| <b>Basin-wide Total</b> | <b>234.9</b>  | <b>233.3</b>    | <b>193.1</b>  | <b>383.1</b>   | <b>61%</b>         | <b>61%</b>           | <b>50%</b>         | <b>122%</b>       | <b>121%</b>         |
| # of reservoirs         | 2             | 2               | 2             | 2              | 2                  | 2                    | 2                  | 2                 | 2                   |

## Streamflow

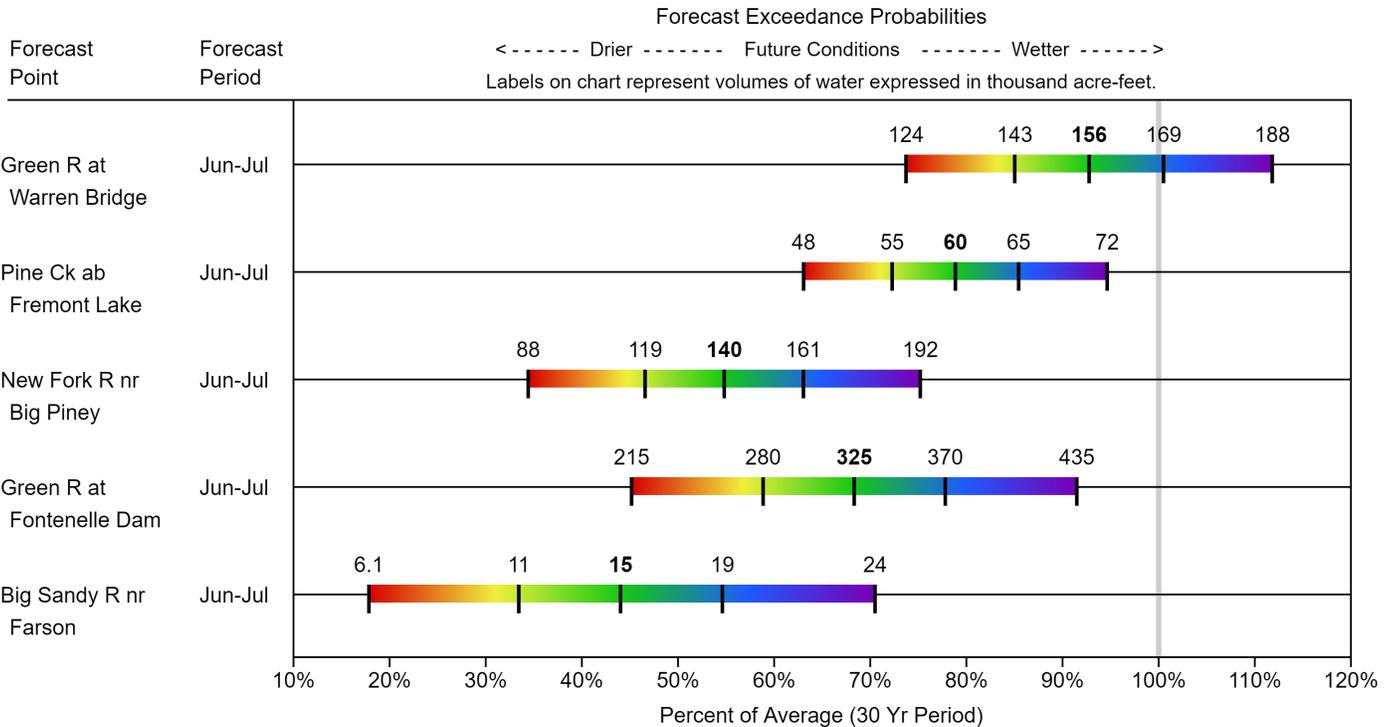
The 50% exceedance forecasts for the June through July period will be well below average. The yield on the Green River at Warren Bridge is about 93% of average. New Fork River near Big Piney yield will be around 55% of average. Fontenelle Reservoir Inflow is estimated to be about 68% of average. *See the following for a more detailed forecast.*

Forecast Exceedance Probabilities for Risk Assessment  
Chance that actual volume will exceed forecast

| UPPER GREEN RIVER BASIN     | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
|-----------------------------|-----------------|-----------|-----------|-----------|-------|-----------|-----------|----------------|
| Green R at Warren Bridge    |                 |           |           |           |       |           |           |                |
|                             | APR-JUL         | 191       | 210       | 225       | 92%   | 235       | 255       | 245            |
|                             | JUN-JUL         | 124       | 143       | 156       | 93%   | 169       | 188       | 168            |
| Pine Creek ab Fremont Lake  |                 |           |           |           |       |           |           |                |
|                             | APR-JUL         | 65        | 72        | 77        | 79%   | 82        | 89        | 98             |
|                             | JUN-JUL         | 48        | 55        | 60        | 79%   | 65        | 72        | 76             |
| New Fork R nr Big Piney     |                 |           |           |           |       |           |           |                |
|                             | APR-JUL         | 169       | 200       | 220       | 62%   | 240       | 275       | 355            |
|                             | JUN-JUL         | 88        | 119       | 140       | 55%   | 161       | 192       | 255            |
| Fontenelle Reservoir Inflow |                 |           |           |           |       |           |           |                |
|                             | APR-JUL         | 460       | 525       | 570       | 79%   | 615       | 680       | 725            |
|                             | JUN-JUL         | 215       | 280       | 325       | 68%   | 370       | 435       | 475            |
| Big Sandy R nr Farson       |                 |           |           |           |       |           |           |                |
|                             | APR-JUL         | 16.4      | 22        | 25        | 48%   | 29        | 34        | 52             |
|                             | JUN-JUL         | 6.1       | 11.4      | 15        | 44%   | 18.6      | 24        | 34             |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**UPPER GREEN RIVER BASIN**  
Water Supply Forecasts  
June 1, 2020



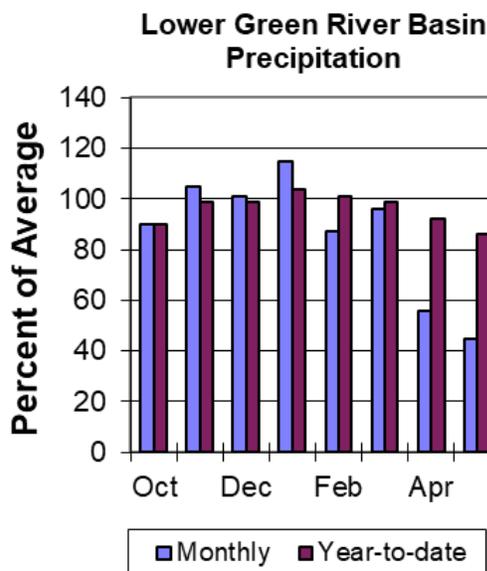
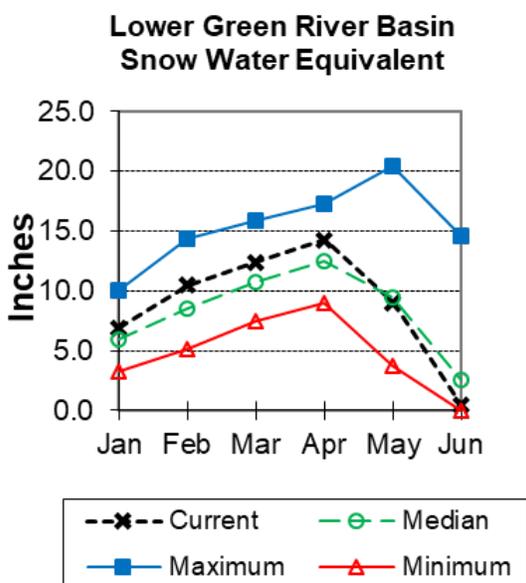
## Lower Green River Basin



### Snow

Lower Green River Basin SWE is at 16% of median. Hams Fork drainage SWE is 24% of median. Blacks Fork drainage SWE is 6% of median. SWE for the entire Green River Basin (above Flaming Gorge) is at 91% 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 45% of average. The basin year-to-date precipitation is currently 86% of average.

### Reservoirs

Combined storage for the 3 reservoirs in the basin was at 106% of average at the end of last month.

|                         | Current (KAF) | Last Year (KAF) | Average (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|-------------------------|---------------|-----------------|---------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Fontenelle              | 203.5         | 204.1           | 164.0         | 344.8          | 59%                | 59%                  | 48%                | 124%              | 124%                |
| Flaming Gorge Reservoir | 3227.6        | 3376.5          | 3070.0        | 3749.0         | 86%                | 90%                  | 82%                | 105%              | 110%                |
| Viva Naughton Res       | 39.9          | 40.8            | 41.5          | 42.4           | 94%                | 96%                  | 98%                | 96%               | 98%                 |
| <b>Basin-wide Total</b> | <b>3471.0</b> | <b>3621.3</b>   | <b>3275.5</b> | <b>4136.2</b>  | <b>84%</b>         | <b>88%</b>           | <b>79%</b>         | <b>106%</b>       | <b>111%</b>         |
| # of reservoirs         | 3             | 3               | 3             | 3              | 3                  | 3                    | 3                  | 3                 | 3                   |

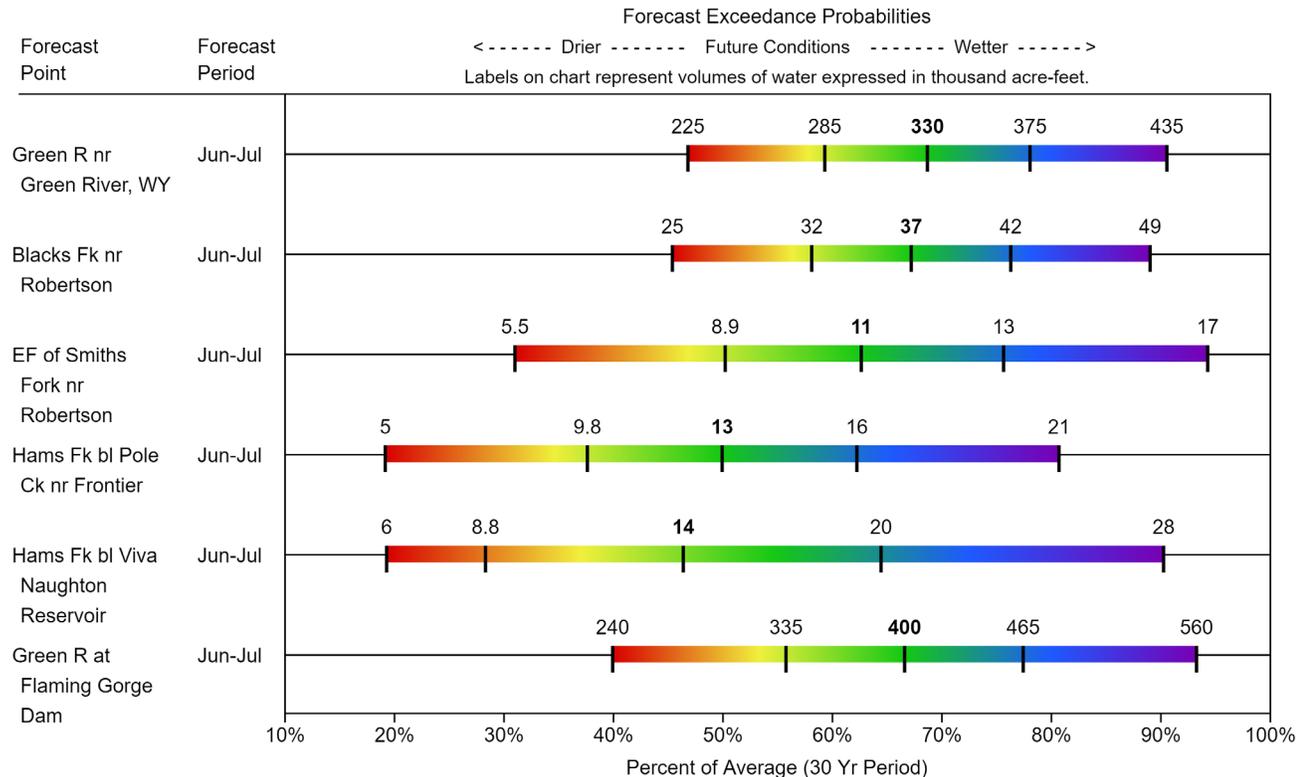
### Streamflow

The following are the 50% exceedance forecasts for the June through July period. The Green River near Green River will yield about 69% of average. The Flaming Gorge Reservoir inflow will be about 67% of average. *See the following page for more detailed information on projected runoff.*

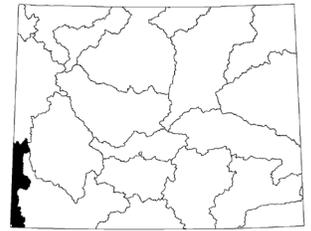
|                                  |                 | Forecast Exceedance Probabilities for Risk Assessment<br>Chance that actual volume will exceed forecast |           |           |       |           |           |                |
|----------------------------------|-----------------|---|-----------|-----------|-------|-----------|-----------|----------------|
| <b>LOWER GREEN RIVER BASIN</b>   | Forecast Period | 90% (KAF)   | 70% (KAF) | 50% (KAF) | % Avg | 30% (KAF) | 10% (KAF) | 30yr Avg (KAF) |
| Green R nr Green River, WY       |                 |   |           |           |       |           |           |                |
|                                  | APR-JUL         | 480   | 540       | 585       | 80%   | 630       | 690       | 730            |
|                                  | JUN-JUL         | 225   | 285       | 330       | 69%   | 375       | 435       | 480            |
| Blacks Fk nr Robertson           |                 |   |           |           |       |           |           |                |
|                                  | APR-JUL         | 68  | 75        | 80        | 93%   | 85        | 92        | 86             |
|                                  | JUN-JUL         | 25  | 32        | 37        | 67%   | 42        | 49        | 55             |
| EF of Smiths Fork nr Robertson 2 |                 |   |           |           |       |           |           |                |
|                                  | APR-JUL         | 21  | 24        | 26        | 96%   | 29        | 32        | 27             |
|                                  | JUN-JUL         | 5.5   | 8.9       | 11.1      | 63%   | 13.4      | 16.7      | 17.7           |
| Hams Fk bl Pole Ck nr Frontier   |                 |   |           |           |       |           |           |                |
|                                  | APR-JUL         | 28  | 33        | 36        | 67%   | 39        | 44        | 54             |
|                                  | JUN-JUL         | 5   | 9.8       | 13        | 50%   | 16.2      | 21        | 26             |
| Viva Naughton Reservoir Inflow   |                 |   |           |           |       |           |           |                |
|                                  | APR-JUL         | 42  | 44        | 50        | 68%   | 56        | 64        | 74             |
|                                  | JUN-JUL         | 6   | 8.8       | 14.4      | 46%   | 20        | 28        | 31             |
| Flaming Gorge Reservoir Inflow 2 |                 |   |           |           |       |           |           |                |
|                                  | APR-JUL         | 570   | 665       | 730       | 74%   | 795       | 890       | 980            |
|                                  | JUN-JUL         | 240   | 335       | 400       | 67%   | 465       | 560       | 600            |

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

**LOWER GREEN RIVER BASIN**  
Water Supply Forecasts  
June 1, 2020



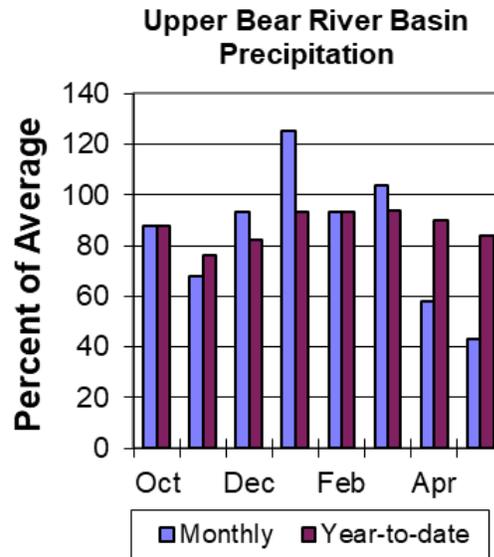
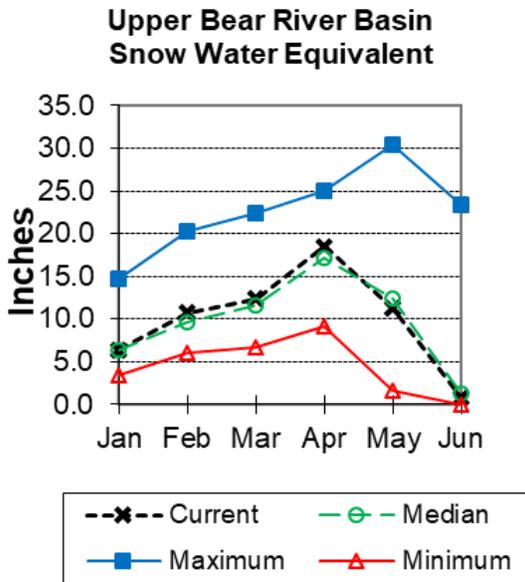
# Upper Bear River Basin



## Snow

SWE in the Upper Bear River Basin of Utah is 57% of median. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is 108% of median.

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



## Precipitation

Precipitation for last month was 43% of average in the basin. The year-to-date precipitation for the basin is 84% of average.

## Reservoirs

Storage in Woodruff Narrows Reservoir was at 128% of average for the end of last month.

|                            | Current (KAF) | Last Year (KAF) | Average Capacity (KAF) | Capacity (KAF) | Current % Capacity | Last Year % Capacity | Average % Capacity | Current % Average | Last Year % Average |
|----------------------------|---------------|-----------------|------------------------|----------------|--------------------|----------------------|--------------------|-------------------|---------------------|
| Woodruff Narrows Reservoir | 58.3          | 58.0            | 45.5                   | 57.3           | 102%               | 101%                 | 79%                | 128%              | 127%                |
| Basin-wide Total           | 58.3          | 58.0            | 45.5                   | 57.3           | 102%               | 101%                 | 79%                | 128%              | 127%                |
| # of reservoirs            | 1             | 1               | 1                      | 1              | 1                  | 1                    | 1                  | 1                 | 1                   |

## Streamflow

The 50% exceedance forecasts for the June through September period will be well below average. The Bear River above Reservoir near Woodruff to yield around 28% of average. The Smiths Fork River near Border Jct. will yield around 89%. *See the following page for more detailed information on projected runoff.*

|   |
|---|
| Forecast Exceedance Probabilities for Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>UPPER BEAR RIVER<br/>BASIN</b> | Forecast<br>Period | 90%<br>(KAF) | 70%<br>(KAF) | 50%<br>(KAF) | % Avg | 30%<br>(KAF) | 10%<br>(KAF) | 30yr Avg<br>(KAF) |
|-----------------------------------|--------------------|--------------|--------------|--------------|-------|--------------|--------------|-------------------|
| Bear R nr UT-WY State Line        |                    |              |              |              |       |              |              |                   |
|                                   | JUN-JUL            | 11.4         | 25           | 35           | 53%   | 44           | 58           | 66                |
|                                   | JUN-SEP            | 16.1         | 32           | 43           | 55%   | 54           | 70           | 78                |
| Bear R ab Resv nr Woodruff        |                    |              |              |              |       |              |              |                   |
|                                   | JUN-JUL            | 0.57         | 4            | 15.6         | 27%   | 31           | 54           | 57                |
|                                   | JUN-SEP            | 0.64         | 5.8          | 18.1         | 28%   | 31           | 59           | 64                |
| Smiths Fk nr Border               |                    |              |              |              |       |              |              |                   |
|                                   | JUN-JUL            | 34           | 40           | 44           | 88%   | 48           | 54           | 50                |
|                                   | JUN-SEP            | 46           | 53           | 58           | 89%   | 63           | 70           | 65                |

1) 90% and 10% exceedance probabilities are actually 95% and 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

## Appendix - Snowpack Data

**In Word double click the object below to view entire document**



BSnow\_6\_2020.pdf

## Appendix - Precipitation Data

**In Word double click the object below to view entire document**



BPrecip\_6\_2020.pdf

**Issued by:**

**Matthew Lohr (Chief)**  
U.S.D.A.  
Natural Resources Conservation Service  
Washington D.C.

**Released by:**

**Astrid Martinez**  
State Con.  
N R C S  
Casper, Wyoming

**The Following Agencies and Organizations Cooperate with the Natural Resources Conservation Service on the Snow Survey Work.**

**FEDERAL:**

United States Department of the Interior (National Park Service) United States Department of Agriculture  
(Forest Service)

United States Department of the Interior (Bureau of Reclamation)

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

The City of Rawlins