

Wyoming Basin Outlook Report

February 1, 2012



Snake River Station SNOTEL (near Yellowstone south entrance)

Basin Outlook Reports

And Federal - State - Private Cooperative Snow Surveys

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How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. 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 either above or below, the predicted 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 is. 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 their operational decisions. 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.

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Wyoming Water Supply Outlook Report

General

The snow water equivalent (SWE) across Wyoming is below average for February 1st at 93%. Monthly precipitation for the basins varied from 58-150% of average. Year-to-date precipitation for Wyoming basins varied from 75-117% of average. Forecasted runoff varies from 52-123% of average across the Wyoming basins for an overall average of 83%. Basin reservoir levels for Wyoming vary from 90-240% of average for an overall average of 116%.

Snowpack

Snow water equivalent (SWE), across Wyoming is below average for this time of year at 93%. SWE in the NW portion of Wyoming is now about 92% of average (82% of last year). NE Wyoming SWE is currently about 110% of average (98% of last year). The SE Wyoming SWE is currently about 72% of average (55% of last year). The SW Wyoming SWE is about 79% of average (66% of last year).

Precipitation

Last month's precipitation was well below average across Wyoming. The **Belle Fourche & Cheyenne** Basins had the highest precipitation for the month at 150% of average. The Bighorn River Basin had the lowest precipitation amount at 58% of average. The following table displays the major river basins and their departure from average for this month.

| Basin | Departure from average | Basin | Departure from average |
|--------------------------|---------------------------|--------------------------|---------------------------|
| Snake River | +12% | Upper North Platte River | -19% |
| Yellowstone & Madison | -03% | Lower North Platte | +09% |
| Wind River | -10% | Little Snake River | -35% |
| Bighorn | -42% | Upper Green River | +38% |
| Shoshone & Clarks Fork | +13% | Lower Green River | +05% |
| Powder & Tongue River | -31% | Upper Bear River | +01% |
| Belle Fourche & Cheyenne | +50% | | |

Streams

Stream flow yield for April to September is expected to be well below average across Wyoming. Most probable yield for the entire State of Wyoming is forecast to be about 83% (varying from 52-116% of average). The Snake River and Upper Yellowstone & Madison River Basins are expected to yield about 88% and 94% of average, respectively; 81-105% of average for the various forecast points in the basins. Yields from the Wind and Bighorn River Basins are expected to be about 75% and 87% of average, respectively; varying from 75-103% of average in the basins. Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 99% and 100% of average, respectively; varying from 98-103% of average. Yields from the Tongue & Powder River Basins are expected to be about 116% and 108% of average, respectively; varying from 96-123% of average. Yields for the Belle Fourche & Cheyenne River Basins are expected to be about 98% and 87% of average, respectively. Yields for the Upper and Lower North Platte River of Wyoming are expected to be

about 56% and 52% of average, respectively; varying from 52-122% of average. Yields for the Little Snake, Green River, and Little Bear of Wyoming are expected to be 70%, 74%, and 64% of average respectively; yield estimates vary from 64-82% of average.

Reservoirs

Reservoir storage varies widely across the state however reservoir storage is at 116% of average for the entire state. Reservoirs on the North Platte River are above average at 125%. Reservoirs in the northeast are above average in storage at 120%. Reservoirs in the Wind River Basin are above average at 106%. Reservoirs on the Big Horn are above average at 105%. The Buffalo Bill Reservoir on the Shoshone is above average at 108%. Reservoirs on the Green River are above average at 111%. See the following table for further information about reservoir storage.

Major Reservoirs in Wyoming Feb 1, 2012

| BASIN AREA RESERVOIR | CURRENT AS % CAPACITY | LAST YR AS % CAPACITY | AVERAGE AS % CAPACITY | CURRENT AS % AVERAGE | CURRENT AS % LAST YR |
|---|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| WYOMING AND SURROUNDING STATES | | | | | |
| ALCOVA | 85 | 85 | 84 | 101 | 100 |
| ANGOSTURA | 78 | 79 | 80 | 97 | 98 |
| BELLE FOURCHE | 71 | 84 | 57 | 125 | 84 |
| BIG SANDY | 60 | 46 | 49 | 123 | 130 |
| BIGHORN LAKE | 66 | 64 | 63 | 104 | 103 |
| BOYSEN | 05 | 95 | 99 | 105 | 110 |
| BUFFALO BILL | 70 | 69 | 64 | 108 | 101 |
| BULL LAKE | 62 | 47 | 57 | 109 | 132 |
| DEERFIELD | 99 | 97 | 84 | 117 | 102 |
| ENNIS LAKE | 70 | 68 | 76 | 92 | 104 |
| FLAMING GORGE | 89 | 83 | 79 | 113 | 107 |
| FONTENELLE | 48 | 53 | 53 | 90 | 90 |
| GLENDO | 73 | 77 | 66 | 110 | 95 |
| GRASSY LAKE | 80 | 86 | 78 | 103 | 93 |
| GUERNSEY | 29 | 32 | 20 | 145 | 90 |
| HEBGEN LAKE | 82 | 80 | 71 | 116 | 102 |
| JACKSON LAKE | 75 | 78 | 58 | 130 | 97 |
| KEYHOLE | 86 | 57 | 53 | 162 | 151 |
| PACTOLA | 95 | 96 | 83 | 114 | 99 |
| PALISADES | 88 | 62 | 74 | 119 | 143 |
| PATHFINDER | 75 | 77 | 67 | 113 | 98 |
| PILOT BUTTE | 80 | 79 | 63 | 126 | 101 |
| SEMINOE | 86 | 83 | 56 | 152 | 103 |
| SHADEHILL | 45 | 60 | 60 | 75 | 76 |
| TONGUE RIVER | 69 | 65 | 29 | 240 | 105 |
| VIVA NAUGHTON RES | 67 | 73 | 71 | 94 | 92 |
| WHEATLAND #2 | 73 | 58 | 46 | 160 | 127 |
| WOODRUFF NARROWS | 79 | 73 | 44 | 179 | 107 |
| TOTAL 28 RESERVOIRS | 81 | 75 | 70 | 116 | 107 |
| Raw KAF Total Current=10712 Last Year=10012 Average=9262 Capacity=13288 | | | | | |

**BASIN SUMMARY OF
SNOTEL and SNOW COURSE DATA
February 2012**

| SNOW COURSE | ELEVATION | DATE | SNOW DEPTH | WATER CONTENT | LAST YEAR | AVERAGE 71-00 |
|----------------------|-----------|---------|---------------|------------------|--------------|------------------|
| ALBANY | 9400 | 1/30/12 | 36 | 9.2 | 13.2 | 9.5 |
| ASTER CREEK | 7750 | 1/31/12 | 70 | 20.3 | 21.6 | 19.6 |
| BALD MOUNTAIN SNOTEL | 9380 | 2/01/12 | 48 | 11.9 | 16.0 | 13.5 |
| BASE CAMP | 7030 | 1/30/12 | 62 | 16.1 | 15.7 | 14.0 |
| BASE CAMP SNOTEL | 7030 | 2/01/12 | --- | 14.4 | 14.1 | 12.7 |
| BATTLE MTN. SNOTEL | 7440 | 2/01/12 | 24 | 6.2 | 6.7 | 7.8 |
| BEARLODGE DIVIDE | 4680 | 1/30/12 | 4 | .7 | 4.6 | 1.8 |
| BEARTOOTH LK. SNOTEL | 9280 | 2/01/12 | 69 | 16.5 | 17.3 | 16.2 |
| BEAR TRAP SNOTEL | 8200 | 2/01/12 | 23 | 4.4 | 5.5 | 3.5 |
| BIG GOOSE SNOTEL | 7760 | 2/01/12 | 29 | 7.1 | 5.2 | 6.0 |
| BIG PARK | 8620 | 1/31/12 | 43 | 10.1 | 17.4 | 12.3 |
| BIG SANDY SNOTEL | 9080 | 2/01/12 | 38 | 8.8 | 9.8 | 9.5 |
| BLACKWATER SNOTEL | 9780 | 2/01/12 | 61 | 17.0 | 17.9 | 16.6 |
| BLIND BULL SNOTEL | 8900 | 2/01/12 | 63 | 15.1 | 20.3 | 18.4 |
| BLUE RIDGE | 9620 | 1/26/12 | 25 | 6.2 | 8.0 | 7.7 |
| BONE SPGS. SNOTEL | 9350 | 2/01/12 | 49 | 12.9 | 12.9 | 10.6 |
| BROOKLYN LK. SNOTEL | 10220 | 2/01/12 | --- | 10.0 | 20.5 | 15.3 |
| BURGESS JCT. SNOTEL | 7880 | 2/01/12 | 34 | 8.5 | 6.7 | 7.4 |
| BURROUGHS CRK SNOTEL | 8750 | 2/01/12 | 43 | 9.8 | 10.1 | 10.1 |
| CANYON SNOTEL | 8090 | 2/01/12 | 40 | 8.1 | 11.0 | 8.9 |
| CASPER MTN. SNOTEL | 7850 | 2/01/12 | 46 | 12.9 | 7.6 | 9.0 |
| CASTLE CREEK SNOTEL | 8400 | 2/01/12 | 25 | 5.3 | 4.3 | -- |
| CASTLE CREEK | 8400 | 1/31/12 | 21 | 4.4 | 3.3 | 3.3 |
| CCC CAMP | 7000 | 1/30/12 | 31 | 6.7 | 10.8 | 8.4 |
| CHALK CK #1 SNOTEL | 9100 | 2/01/12 | 39 | 9.3 | 20.9 | 15.3 |
| CHALK CK #2 SNOTEL | 8200 | 2/01/12 | 33 | 6.3 | 14.0 | 9.9 |
| CINNABAR PARK SNOTEL | 9690 | 2/01/12 | 42 | 9.8 | 18.0 | 13.2 |
| CLOUD PEAK SNOTEL | 9850 | 2/01/12 | 45 | 11.6 | 10.2 | 8.1 |
| COLE CANYON SNOTEL | 5910 | 2/01/12 | 16 | 3.9 | 5.5 | 4.5 |
| COLD SPRINGS SNOTEL | 9630 | 2/01/12 | 24 | 5.3 | 5.8 | 6.0 |
| COTTONWOOD CR SNOTEL | 7700 | 2/01/12 | --- | 12.1 | 18.4 | 14.2 |
| CROW CREEK SNOTEL | 8830 | 2/01/12 | 19 | 5.2 | 7.8 | 5.1 |
| DARBY CANYON | 8250 | 1/31/12 | 51 | 13.4 | 17.9 | 15.9 |
| DEER PARK SNOTEL | 9700 | 2/01/12 | 30 | 7.5 | 14.1 | 11.7 |
| DIVIDE PEAK SNOTEL | 8860 | 2/01/12 | 32 | 8.7 | 14.3 | 13.0 |
| DOMELAKE SNOTEL | 8880 | 2/01/12 | 43 | 10.4 | 7.4 | 7.9 |
| DU NOIR | 8760 | 1/31/12 | 16 | 3.1 | 5.4 | 5.8 |
| EAST RIM DIV SNOTEL | 7930 | 2/01/12 | 38 | 8.1 | 9.8 | 8.5 |
| ELKHART PARK SNOTEL | 9400 | 2/01/12 | --- | 8.6 | 8.7 | 8.8 |
| EVENING STAR SNOTEL | 9200 | 2/01/12 | 75 | 19.2 | 22.5 | 19.7 |
| FOUR MILE MEADOWS | 7860 | 1/30/12 | 34 | 6.9 | 9.6 | 8.7 |
| FOXPARK | 9060 | 1/30/12 | 16 | 3.1 | 7.0 | 4.9 |
| GEYSER CREEK | 8500 | 1/31/12 | 17 | 3.4 | 3.5 | 4.8 |
| GLADE CREEK | 7040 | 2/01/12 | 60 | 16.3 | 18.2 | 16.1 |
| GRAND TARGHEE SNOTEL | 9260 | 2/01/12 | 72 | 22.3 | 33.6 | -- |
| GRANITE CRK SNOTEL | 6770 | 2/01/12 | --- | 10.8 | 13.7 | 12.4 |
| GRANNIER MEADOWS | 8860 | 1/26/12 | 28 | 6.2 | 9.3 | 9.1 |
| GRASSY LAKE | 7270 | 2/01/12 | 76 | 22.3 | 25.3 | 23.5 |
| GRASSY LAKE SNOTEL | 7270 | 2/01/12 | 77 | 20.5 | 24.5 | 23.0 |
| GRAVE SPRINGS SNOTEL | 8550 | 2/01/12 | 25 | 5.7 | 5.1 | 5.7 |

| SNOW COURSE | ELEVATION | DATE | SNOW DEPTH | WATER CONTENT | LAST YEAR | AVERAGE 71-00 |
|----------------------|-----------|---------|------------|---------------|-----------|---------------|
| GROS VENTRE SNOTEL | 8750 | 2/01/12 | 34 | 7.1 | 10.2 | 9.5 |
| GROVER PARK DIVIDE | 7000 | 1/30/12 | 32 | 6.7 | 7.6 | 7.5 |
| HAIRPIN TURN | 9480 | 1/31/12 | 34 | 8.3 | 16.2 | 11.1 |
| HANSEN S.M. SNOTEL | 8360 | 2/01/12 | 18 | 3.9 | 4.7 | 4.2 |
| HAMS FORK SNOTEL | 7840 | 2/01/12 | 30 | 6.8 | 11.2 | 8.4 |
| HASKINS CREEK | 8980 | 1/27/12 | 55 | 12.8 | 25.8 | 19.6 |
| HOBACK GS | 6640 | 1/26/12 | 38 | 7.1 | 6.6 | -- |
| HOBBS PARK SNOTEL | 10100 | 2/01/12 | 39 | 10.0 | 9.5 | 9.8 |
| HUCKLEBERRY DIVIDE | 7300 | 1/31/12 | 56 | 14.2 | 15.9 | 14.2 |
| INDIAN CREEK SNOTEL | 9430 | 2/01/12 | --- | 13.7 | 22.1 | 17.6 |
| JACKPINE CREEK | 7350 | 1/31/12 | 52 | 14.2 | 14.2 | 14.7 |
| KELLEY R.S. SNOTEL | 8180 | 2/01/12 | 40 | 9.5 | 14.5 | 10.7 |
| KENDALL R.S. SNOTEL | 7740 | 2/01/12 | 47 | 10.6 | 8.8 | 9.8 |
| KIRWIN SNOTEL | 9550 | 2/01/12 | 37 | 8.8 | 7.8 | 7.7 |
| LAKE CAMP | 7780 | 1/27/12 | 36 | 7.4 | 7.5 | 6.5 |
| LA PRELE SNOTEL | 8380 | 2/01/12 | 30 | 6.2 | 8.0 | 7.3 |
| LARSEN CREEK | 9020 | 1/25/12 | 31 | 6.5 | 7.5 | 8.4 |
| LARSEN CREEK SNOTEL | 9020 | 2/01/12 | 31 | 7.4 | 9.4 | -- |
| LEWIS LAKE SNOTEL | 7850 | 2/01/12 | 72 | 19.4 | 23.8 | 23.1 |
| LIBBY LODGE | 8750 | 1/31/12 | 28 | 6.5 | 11.9 | 7.8 |
| LITTLE BEAR RUN | 6240 | 1/25/12 | 12 | 2.4 | 4.1 | 2.6 |
| LITTLE GOOSE SNOTEL | 8870 | 2/01/12 | 31 | 7.8 | 5.9 | -- |
| LITTLE WARM SNOTEL | 9370 | 2/01/12 | 26 | 5.2 | 8.1 | 7.8 |
| LOOMIS PARK SNOTEL | 8240 | 2/01/12 | --- | 9.7 | 12.8 | 11.2 |
| LUPINE CREEK | 7380 | 1/30/12 | 18 | 4.5 | 6.4 | 6.0 |
| MALLO | 6420 | 1/27/12 | 28 | 4.5 | 6.9 | 5.2 |
| MARQUETTE SNOTEL | 8760 | 2/01/12 | 22 | 5.7 | 2.0 | 5.9 |
| MEDICINE LODGE LAKES | 9340 | 1/31/12 | 31 | 6.6 | 11.0 | 7.5 |
| MIDDLE FORK | 7420 | 1/26/12 | 17 | 3.8 | 2.7 | 3.8 |
| MIDDLE POWDER SNOTEL | 7760 | 2/01/12 | 29 | 7.0 | 6.4 | 7.2 |
| MORAN | 6750 | 2/01/12 | 42 | 9.8 | 10.0 | 9.3 |
| MOSS LAKE | 9800 | 1/30/12 | 36 | 9.2 | 23.6 | 15.3 |
| NEW FORK SNOTEL | 8340 | 2/01/12 | 32 | 8.2 | 8.3 | 7.7 |
| NORRIS BASIN | 7500 | 1/31/12 | 29 | 6.8 | 8.4 | 7.6 |
| NORTH BARRETT CREEK | 9400 | 1/30/12 | 43 | 8.2 | 21.6 | 12.8 |
| NORTH FRENCH SNOTEL | 10130 | 2/01/12 | 52 | 12.1 | 29.5 | 18.4 |
| NORTH TONGUE | 8450 | 1/31/12 | 40 | 9.8 | 8.9 | 8.4 |
| OLD BATTLE SNOTEL | 9920 | 2/01/12 | 54 | 14.2 | 28.9 | 20.0 |
| ONION GULCH | 8780 | 1/26/12 | 23 | 4.8 | 6.1 | 5.2 |
| OWL CREEK SNOTEL | 8980 | 2/01/12 | 15 | 3.2 | 3.2 | 3.4 |
| PARKERS PEAK SNOTEL | 9400 | 2/01/12 | 58 | 15.0 | 19.6 | 14.8 |
| PHILLIPS BNCH SNOTEL | 8200 | 2/01/12 | 63 | 16.2 | 20.9 | 18.5 |
| POCKET CREEK | 9350 | 1/25/12 | 33 | 7.0 | 8.4 | 8.6 |
| POCKET CREEK SNOTEL | 9350 | 2/01/12 | 42 | 6.7 | 7.7 | -- |
| POLE MOUNTAIN | 8700 | 1/27/12 | 32 | 6.1 | 8.5 | 6.1 |
| POWDER RVR.PASS SNTL | 9480 | 2/01/12 | 28 | 6.5 | 10.0 | 7.2 |
| PURGATORY GULCH | 8970 | 1/27/12 | 34 | 8.0 | 10.4 | 7.1 |
| RANGER CREEK | 8120 | 1/31/12 | 24 | 5.1 | 7.8 | 6.2 |
| RENO HILL SNOTEL | 8500 | 2/01/12 | 46 | 11.1 | 9.2 | 8.4 |
| REUTER CANYON | 6280 | 1/27/12 | 26 | 5.1 | 8.8 | 6.5 |
| ROWDY CREEK | 8300 | 1/26/12 | 47 | 10.7 | 14.9 | 14.6 |
| RYAN PARK | 8400 | 1/30/12 | 26 | 4.6 | 11.0 | 7.4 |
| SAGE CK BASIN SNTL | 7850 | 2/01/12 | 38 | 8.7 | 12.4 | 7.5 |
| SALT RIVER SNOTEL | 7600 | 2/01/12 | 34 | 7.4 | 11.5 | 9.2 |

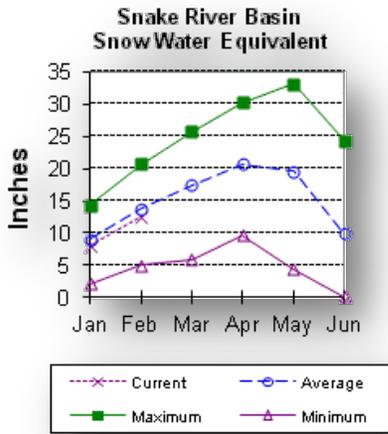
| SNOW COURSE | ELEVATION | DATE | SNOW DEPTH | WATER CONTENT | LAST YEAR | AVERAGE 71-00 |
|----------------------|-----------|---------|------------|---------------|-----------|---------------|
| SAND LAKE SNOTEL | 10050 | 2/01/12 | 57 | 14.7 | 26.8 | 19.9 |
| SANDSTONE RS SNOTEL | 8150 | 2/01/12 | 28 | 5.6 | 9.5 | 9.7 |
| SAWMILL DIVIDE | 9260 | 1/25/12 | 45 | 11.4 | 8.4 | 8.8 |
| SHELL CREEK SNOTEL | 9580 | 2/01/12 | 44 | 10.6 | 11.7 | 9.9 |
| SHERIDAN R.S. | 7750 | 2/01/12 | 12 | 2.0 | 2.8 | 4.1 |
| SNAKE RIVER STATION | 6920 | 1/31/12 | 54 | 13.7 | 15.0 | 14.1 |
| SNAKE RV STA SNOTEL | 6920 | 2/01/12 | 52 | 12.6 | 13.2 | 12.6 |
| SNIDER BASIN SNOTEL | 8060 | 2/01/12 | 37 | 8.3 | 14.1 | 9.8 |
| SOLDIER PARK SNOTEL | 8780 | 2/01/12 | 31 | 9.2 | 4.5 | -- |
| SOLDIER PARK | 8780 | 1/30/12 | --- | 4.5 | 2.6 | 3.5 |
| SOUR DOUGH | 8460 | 1/26/12 | 21 | 3.5 | 4.1 | 4.2 |
| SOUTH BRUSH SNOTEL | 8440 | 2/01/12 | 24 | 4.3 | 11.6 | 7.4 |
| SOUTH PASS SNOTEL | 9040 | 2/01/12 | 42 | 9.2 | 11.6 | 11.4 |
| SPRING CRK. SNOTEL | 9000 | 2/01/12 | 62 | 14.6 | 24.1 | 17.4 |
| ST LAWRENCE ALT SNTL | 8620 | 2/01/12 | 18 | 3.6 | 3.7 | 4.8 |
| SUCKER CREEK SNOTEL | 8880 | 2/01/12 | 39 | 10.3 | 8.6 | 7.2 |
| SYLVAN LAKE SNOTEL | 8420 | 2/01/12 | 46 | 11.5 | 16.1 | 15.2 |
| SYLVAN ROAD SNOTEL | 7120 | 2/01/12 | 37 | 8.9 | 10.8 | 8.8 |
| T CROSS RANCH | 7900 | 1/30/12 | 25 | 5.7 | 4.5 | 5.3 |
| THUMB DIVIDE | 7980 | 1/31/12 | 39 | 9.8 | 12.9 | 12.2 |
| THUMB DIVIDE SNOTEL | 7980 | 2/01/12 | 44 | 10.4 | 13.7 | 11.8 |
| TIE CREEK SNOTEL | 6870 | 2/01/12 | 20 | 5.2 | 4.3 | 4.0 |
| TIMBER CREEK SNOTEL | 7950 | 2/01/12 | 17 | 3.6 | 2.7 | 3.6 |
| TOGWOTEE PASS SNOTEL | 9580 | 2/01/12 | 58 | 14.1 | 20.0 | 16.9 |
| TOWNSEND CRK SNOTEL | 8700 | 2/01/12 | 25 | 5.5 | 5.6 | 5.6 |
| TRIPLE PEAK SNOTEL | 8500 | 2/01/12 | 61 | 15.0 | 21.4 | 16.6 |
| TURPIN MEADOWS | 6900 | 1/30/12 | 34 | 7.1 | 10.9 | 7.6 |
| TWO OCEAN SNOTEL | 9240 | 2/01/12 | 85 | 23.3 | 23.0 | 19.0 |
| TYRELL RANGER STA. | 8300 | 1/26/12 | 21 | 4.1 | 7.0 | 5.2 |
| WEBBER SPRING SNOTEL | 9250 | 2/01/12 | 43 | 11.0 | 20.1 | 16.1 |
| WHISKEY PARK SNOTEL | 8950 | 2/01/12 | 47 | 11.3 | 22.8 | 18.5 |
| WILLOW CREEK SNOTEL | 8450 | 2/01/12 | 64 | 16.2 | 22.9 | 20.2 |
| WINDY PEAK SNOTEL | 7900 | 2/01/12 | 21 | 4.7 | 6.4 | 4.5 |
| WOLVERINE SNOTEL | 7650 | 2/01/12 | 28 | 8.9 | 11.4 | 8.6 |
| WOOD ROCK G.S. | 8440 | 1/25/12 | 34 | 7.5 | 6.1 | 6.5 |
| YOUNTS PEAK SNOTEL | 8350 | 2/01/12 | 47 | 11.6 | 11.8 | 12.0 |

NOTE: Missing snow depth entries indicate the site has no snow depth sensor or the sensor is malfunctioning. Missing data under Average 71-00 indicates the site is relatively new.

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) is 91% of average. SWE in the Snake River Basin above Jackson Lake is 99% of average. Pacific Creek Basin SWE is 116% of average. Gros Ventre River Basin SWE is 83% of average. SWE in the Hoback River drainage is 85% of average. SWE in the Greys River drainage is 83% of average. In the Salt River area SWE is 83% of average. SWE in the Snake River Basin above Palisades is 91% of average. See the "Basin Summary of Snow Course Data" at the beginning of this report for a detailed listing of snow course information.



Precipitation

Precipitation across the basin was above average last month. Monthly precipitation for the basin was 112% of average (130% of last year). Last month's percentages range from 72-151% of average for the 16 reporting stations. Water-year-to-date precipitation is 94% of average for the Snake River Basin (82% of last year). Year-to-date percentages range from 66-113% of average.

Reservoir

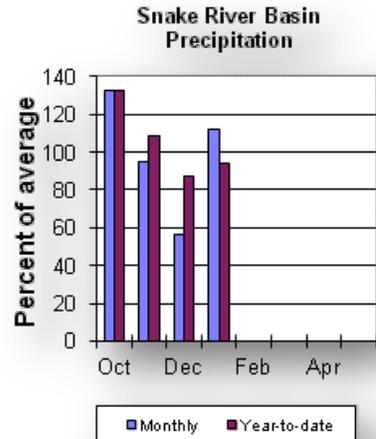
Current reservoir storage is 122% of average for the 3 storage reservoirs in the basin. Grassy Lake storage is about 103% of average (12,100 ac-ft compared to 13,000

last year). Jackson Lake storage is 130% of average (638,800 ac-ft compared to 661,000 ac-ft last year).

Palisades Reservoir storage is about 119% of average (1,236,500 ac-ft compared to 867,500 ac-ft last year). Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for April through September are below average for the basin. The Snake near Moran is 860,000 ac-ft (95% of average). Snake River above reservoir near Alpine is 2,470,000 ac-ft (91% of average). The Snake near Irwin is 3,390,000 ac-ft (88% of average). The Snake near Heise is 3,640,000 ac-ft (88% of average). Pacific Creek near Moran is 187,000 ac-ft (105% of average). Buffalo Fork above Lava near Moran is 345,000 ac-ft (100% of average). Gros Ventre River at Kelly is 245,000 ac-ft (100% of average). Greys River above Palisades Reservoir is 335,000 ac-ft (85% of average). Salt River near Etna is 340,000 ac-ft (81% of average). See the following page for detailed runoff volumes.



Snake River Basin
Streamflow Forecasts - February 1, 2012

| Forecast Pt | <=== Drier === Future Conditions === Wetter ===> | | | | | | 30 Yr Avg |
|-------------------------------|--|----------|----------|----------|----------|----------|-----------|
| | Chance of Exceeding * ===== | | | | | | |
| Forecast Period | 90% | 70% | 50% | 30% | 10% | | |
| | (1000AF) | (1000AF) | (1000AF) | (% AVG.) | (1000AF) | (1000AF) | (1000AF) |
| Snake R nr Moran (1,2) | | | | | | | |
| APR-JUL | 595 | 720 | 780 | 96 | 840 | 965 | 815 |
| APR-SEP | 650 | 795 | 860 | 95 | 925 | 1070 | 905 |
| Snake R nr Alpine (1,2) | | | | | | | |
| APR-JUL | 1610 | 1980 | 2150 | 91 | 2320 | 2690 | 2370 |
| APR-SEP | 1850 | 2280 | 2470 | 91 | 2660 | 3090 | 2730 |
| Snake R nr Irwin (1,2) | | | | | | | |
| APR-JUL | 2160 | 2690 | 2930 | 88 | 3170 | 3700 | 3330 |
| APR-SEP | 2520 | 3120 | 3390 | 88 | 3660 | 4260 | 3870 |
| Snake R nr Heise (2) | | | | | | | |
| APR-JUL | 2470 | 2860 | 3130 | 88 | 3400 | 3790 | 3560 |
| APR-SEP | 2890 | 3340 | 3640 | 88 | 3940 | 4390 | 4160 |
| Pacific Ck At Moran | | | | | | | |
| APR-JUL | 138 | 163 | 180 | 105 | 197 | 220 | 171 |
| APR-SEP | 143 | 169 | 187 | 105 | 205 | 230 | 178 |
| Buffalo Fork ab Lava nr Moran | | | | | | | |
| APR-JUL | 240 | 275 | 300 | 100 | 325 | 360 | 301 |
| APR-SEP | 280 | 320 | 345 | 100 | 370 | 410 | 344 |
| Gros Ventre R at Kelly | | | | | | | |
| APR-JUL | 138 | 175 | 200 | 100 | 225 | 260 | 200 |
| APR-SEP | 176 | 215 | 245 | 100 | 275 | 315 | 244 |
| Greys R Nr Alpine | | | | | | | |
| APR-JUL | 200 | 255 | 290 | 85 | 325 | 380 | 340 |
| APR-SEP | 230 | 295 | 335 | 85 | 375 | 440 | 395 |
| Salt R Nr Etna | | | | | | | |
| APR-JUL | 134 | 220 | 275 | 81 | 330 | 415 | 340 |
| APR-SEP | 174 | 275 | 340 | 81 | 405 | 505 | 420 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

SNAKE RIVER BASIN
Reservoir Storage (1000AF) End of January

| Reservoir | Usable | ***** Usable Storage ***** | | |
|--------------|----------|----------------------------|-----------|---------|
| | Capacity | This Year | Last Year | Average |
| GRASSY LAKE | 15.2 | 12.1 | 13.0 | 11.8 |
| JACKSON LAKE | 847.0 | 638.8 | 661.0 | 490.1 |
| PALISADES | 1400.0 | 1236.5 | 867.5 | 1040.3 |

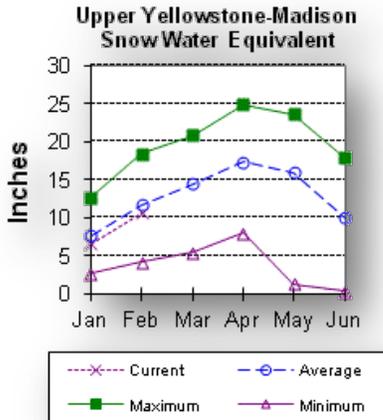
SNAKE RIVER BASIN
Watershed Snowpack Analysis - February 1, 2012

| Watershed | Number of Data Sites | This Year as Percent of | |
|--------------------------|----------------------|-------------------------|---------|
| | | Last Year | Average |
| SNAKE above Jackson Lake | 9 | 90 | 99 |
| PACIFIC CREEK | 3 | 101 | 116 |
| GROS VENTRE RIVER | 4 | 71 | 84 |
| HOBACK RIVER | 5 | 76 | 85 |
| GREYS RIVER | 4 | 68 | 83 |
| SALT RIVER | 5 | 69 | 83 |
| SNAKE above Palisades | 28 | 79 | 91 |

Upper Yellowstone & Madison River Basins

Snow

Snow water equivalent (SWE) is at 86% of average in the Madison drainage. SWE in the Yellowstone drainage is at 96% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Last month precipitation in the Madison and Yellowstone drainage was about 97% of average (106% of last year). The 5 reporting stations percentages range from 72-121% of average. Water-year-to-date precipitation is about 108% of average (88% of last year's amount). Year to date percentage ranges from 89-141%.

Reservoir

Ennis Lake is storing about 28,900 ac-ft of water (70% of capacity, 92% of average or 104% of last year's volume).

Hebgen Lake is

storing about 309,000 ac-ft of water (82% of capacity, 116% of average or 102% of last year's volume). Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

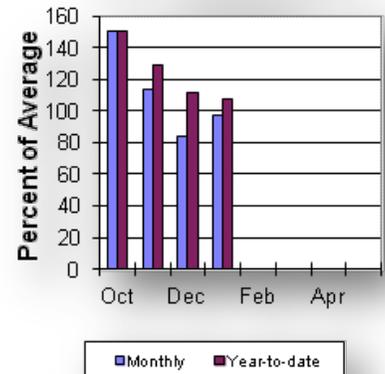
Streamflow

The 50% exceedance forecasts for April through September are below average for the basins.

Yellowstone at Lake Outlet is 755,000 ac-ft (94% of average). Yellowstone at Corwin Springs will yield around 1,850,000 ac-ft (94% of average).

Yellowstone near Livingston will yield around 2,110,000 ac-ft (93% of average). Hebgen Reservoir inflow is 435,000 ac-ft (86% of average). See the following page for detailed runoff volumes.

Upper Yellowstone-Madison Precipitation



Upper Yellowstone & Madison River Basins
Streamflow Forecasts - February 1, 2012

| Forecast Pt Forecast Period | <=== Drier === Future Conditions === Wetter ===> | | | | | | 30 Yr Avg (1000AF) |
|-----------------------------------|--|-----------------|--------------------------|-----------------|-----------------|------|-----------------------|
| | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) (% AVG.) | 30% (1000AF) | 10% (1000AF) | | |
| Yellowstone R at Yellowstone Lake | | | | | | | |
| APR-JUL | 470 | 535 | 575 | 98 | 615 | 680 | 590 |
| APR-SEP | 620 | 700 | 755 | 94 | 810 | 890 | 805 |
| Yellowstone R at Corwin Springs | | | | | | | |
| APR-JUL | 1320 | 1470 | 1580 | 96 | 1690 | 1840 | 1650 |
| APR-SEP | 1540 | 1720 | 1850 | 94 | 1980 | 2160 | 1970 |
| Yellowstone R at Livingston | | | | | | | |
| APR-JUL | 1480 | 1670 | 1800 | 95 | 1930 | 2120 | 1900 |
| APR-SEP | 1730 | 1960 | 2110 | 93 | 2260 | 2490 | 2280 |
| Hebgen Reservoir Inflow (2) | | | | | | | |
| APR-JUL | 270 | 310 | 340 | 86 | 370 | 410 | 395 |
| APR-SEP | 350 | 400 | 435 | 86 | 470 | 520 | 505 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

UPPER YELLOWSTONE & MADISON RIVER BASINS
Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** This Year | ***** Usable Storage Last Year | ***** Average |
|-------------|-----------------|-----------------|--------------------------------|---------------|
| ENNIS LAKE | 41.0 | 28.9 | 27.8 | 31.3 |
| HEBGEN LAKE | 377.5 | 309.0 | 301.9 | 266.5 |

UPPER YELLOWSTONE & MADISON RIVER BASINS
Watershed Snowpack Analysis - February 1, 2012

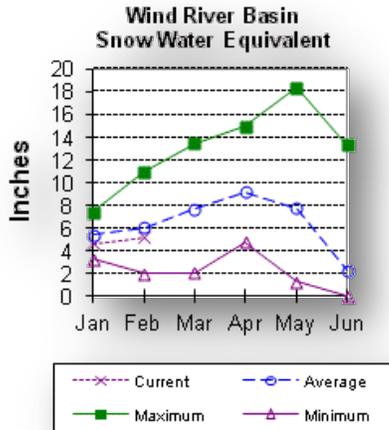
| Watershed | Number of Data Sites | This Year as Percent of Last Year | Average |
|-------------------------|----------------------|-----------------------------------|---------|
| MADISON RIVER in WY | 7 | 76 | 86 |
| YELLOWSTONE RIVER in WY | 10 | 82 | 95 |

Wind River Basin

Snow

The Wind River Basin above Boysen Reservoir is 86% of average for snow water equivalent at this time of the year. SWE in the Wind River above Dubois is 85% of average. The Little Wind SWE is 93% of average, and the

Popo Agie drainage SWE is about 82% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

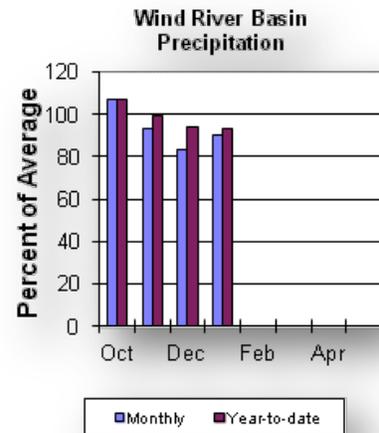
Last month's precipitation in the basin varied from 46-118% of average. Precipitation, for the basin, was about 90% of average from the 8 reporting stations; that is about 128% of last year's amount. Water year-to-date precipitation is 93% of average and about 94% of last year at this time. Year-to-date percentages range from 76-118% of average.

Reservoirs

Current storage varies from 105-126% of average. Current storage in Bull Lake is about 93,400 ac-ft (109% of average) - the reservoir is at 132% of last year. Boysen Reservoir is storing about 105% of average (624,300 ac-ft) - the reservoir is about 110% of last year. Pilot Butte is at 126% of average (25,200 ac-ft) - the reservoir is at 101% of last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for the April through September runoff period for the basin are below average. Dinwoody Creek near Burris is 88,000 ac-ft (94% of average). The Wind River above Bull Lake Creek is 450,000 ac-ft (84% of average). Bull Lake Creek near Lenore is 174,000 ac-ft (96% of average). Wind River at Riverton will yield around 500,000 ac-ft (78% of average). Little Popo Agie River near Lander is around 45,000 ac-ft (85% of average). South Fork of Little Wind near Fort Washakie will yield around 80,000 ac-ft (95% of average). Little Wind River near Riverton will yield around 270,000 ac-ft (86% of average). Boysen Reservoir inflow will yield around 605,000 ac-ft (75% of average). See the following page for detailed runoff volumes.



Wind River Basin

Streamflow Forecasts - February 1, 2012

| Forecast Pt Forecast Period | <=== Drier === Future Conditions === Wetter ===> | | | | | | 30 Yr Avg (1000AF) |
|-----------------------------------|--|-----------------|--|----|-----------------|-----------------|-----------------------|
| | 90% (1000AF) | 70% (1000AF) | Chance of Exceeding * (1000AF) (% AVG.) | | 30% (1000AF) | 10% (1000AF) | |
| Dinwoody Ck nr Burris | | | | | | | |
| APR-JUL | 50 | 58 | 64 | 96 | 70 | 78 | 67 |
| APR-SEP | 71 | 81 | 88 | 94 | 95 | 105 | 94 |
| Wind R ab Bull Lake Ck (2) | | | | | | | |
| APR-JUL | 230 | 310 | 365 | 84 | 420 | 500 | 435 |
| APR-SEP | 310 | 395 | 450 | 84 | 505 | 590 | 535 |
| Bull Lake Ck nr Lenore | | | | | | | |
| APR-JUL | 111 | 130 | 143 | 97 | 156 | 175 | 148 |
| APR-SEP | 133 | 158 | 174 | 96 | 190 | 215 | 182 |
| Wind R at Riverton (2) | | | | | | | |
| APR-JUL | 250 | 355 | 425 | 78 | 495 | 600 | 545 |
| APR-SEP | 305 | 420 | 500 | 78 | 580 | 695 | 640 |
| Little Popo Agie R nr Lander | | | | | | | |
| APR-JUL | 17.2 | 30 | 39 | 85 | 48 | 61 | 46 |
| APR-SEP | 22 | 36 | 45 | 85 | 54 | 68 | 53 |
| SF Little Wind R nr Fort Washakie | | | | | | | |
| APR-JUL | 48 | 62 | 71 | 97 | 80 | 94 | 73 |
| APR-SEP | 54 | 69 | 80 | 95 | 91 | 106 | 84 |
| Little Wind R nr Riverton | | | | | | | |
| APR-JUL | 84 | 177 | 240 | 86 | 305 | 395 | 280 |
| APR-SEP | 101 | 200 | 270 | 86 | 340 | 440 | 315 |
| Boysen Reservoir Inflow (2) | | | | | | | |
| APR-JUL | 145 | 385 | 550 | 77 | 715 | 955 | 717 |
| APR-SEP | 168 | 430 | 605 | 75 | 780 | 1040 | 809 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

WIND RIVER BASIN

Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** Usable Storage ***** | | |
|-------------|--------------------|----------------------------|-----------|---------|
| | | This Year | Last Year | Average |
| BULL LAKE | 151.8 | 93.4 | 70.6 | 85.9 |
| BOYSEN | 596.0 | 624.3 | 568.8 | 592.0 |
| PILOT BUTTE | 31.6 | 25.2 | 24.9 | 20.0 |

WIND RIVER BASIN

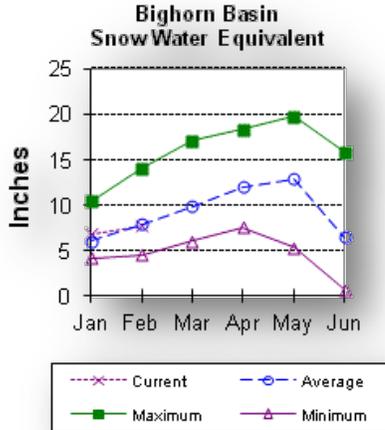
Watershed Snowpack Analysis - February 1, 2012

| Watershed | Number of Data Sites | This Year as Percent of | |
|-------------------------|-------------------------|-------------------------|---------|
| | | Last Year | Average |
| WIND RIVER above Dubios | 8 | 84 | 85 |
| LITTLE WIND | 2 | 103 | 93 |
| POPO AGIE | 7 | 80 | 82 |
| WIND above Boysen Resv | 15 | 86 | 86 |

Bighorn River Basin

Snow

The Bighorn River Basin SWE above Bighorn Reservoir is at 98% of average. The Nowood River is at 90% of average. The Greybull River SWE is at 110% of average. Shell Creek SWE is 101% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Last month's precipitation was 58% of average (42% of last year). Sites ranged from 33-124% of average for the month. Year-to-date precipitation is 109% of average; that is 100% of last year at this time. Year-to-date percentages, from the 10 reporting stations, range from 78-169%.

Reservoir

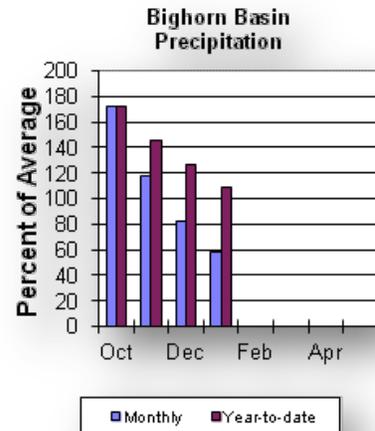
Boysen Reservoir is currently storing 624,300 ac-ft (105% of average). Bighorn Lake is now at 894,000 ac-ft (104% of average).

Boysen is currently storing 110% of last year volume at this time and Big Horn Lake is storing 103% of last year's volume.

Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for the April through September runoffs are anticipated to be below average. Boysen Reservoir inflow should yield 605,000 ac-ft (75% of average); the Greybull River near Meeteetse should yield around 205,000 ac-ft (103% of average); Shell Creek near Shell should yield around 74,000 ac-ft (103% of average) and the Bighorn River at Kane should yield around 965,000 ac-ft (87% of average). See the following page for detailed runoff volumes.



Bighorn River Basin
Streamflow Forecasts - February 1, 2012

| Forecast Pt Forecast Period | <=== Drier === Future Conditions === Wetter ===> | | | | | | 30 Yr Avg (1000AF) |
|-----------------------------------|--|-----------------|--------------------------|-----------------|-----------------|------|-----------------------|
| | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) (% AVG.) | 30% (1000AF) | 10% (1000AF) | | |
| Boysen Reservoir Inflow (2) | | | | | | | |
| APR-JUL | 145 | 385 | 550 | 77 | 715 | 955 | 717 |
| APR-SEP | 168 | 430 | 605 | 75 | 780 | 1040 | 809 |
| Greybull R nr Meeteetse | | | | | | | |
| APR-JUL | 117 | 138 | 152 | 103 | 166 | 187 | 148 |
| APR-SEP | 162 | 188 | 205 | 103 | 220 | 250 | 200 |
| Shell Ck nr Shell | | | | | | | |
| APR-JUL | 47 | 56 | 62 | 103 | 68 | 77 | 60 |
| APR-SEP | 58 | 67 | 74 | 103 | 81 | 90 | 72 |
| Bighorn R at Kane (2) | | | | | | | |
| APR-JUL | 370 | 680 | 890 | 89 | 1100 | 1410 | 1000 |
| APR-SEP | 410 | 740 | 965 | 87 | 1190 | 1520 | 1110 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

BIGHORN RIVER BASIN
Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** This Year | Usable Storage Last Year | ***** Average |
|--------------|-----------------|-----------------|--------------------------|---------------|
| BOYSEN | 596.0 | 624.3 | 568.8 | 592.0 |
| BIGHORN LAKE | 1356.0 | 894.0 | 870.5 | 859.5 |

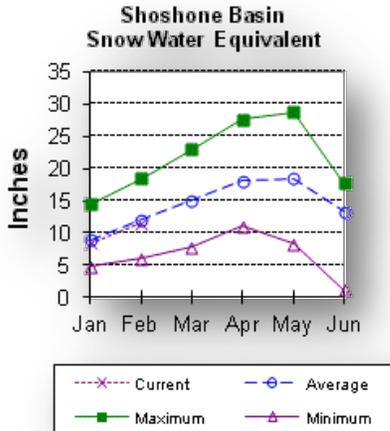
BIGHORN RIVER BASIN
Watershed Snowpack Analysis - February 1, 2012

| Watershed | Number of Data Sites | This Year as Percent of Last Year | Average |
|--------------------------|----------------------|-----------------------------------|---------|
| NOWOOD RIVER | 5 | 72 | 90 |
| GREYBULL RIVER | 2 | 118 | 110 |
| SHELL CREEK | 4 | 84 | 101 |
| BIGHORN (Boysen-Bighorn) | 11 | 82 | 98 |

Shoshone and Clarks Fork River Basin

Snow

Snowpack in these basins is near average for this time of year. Snow Water Equivalent (SWE) is 95% of average in the Shoshone River Basin. The Clarks Fork River Basin SWE is 96% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Precipitation for last month was 113% of average (94% of last year). Monthly percentages range from 78-121% of average. The basin year-to-date precipitation is now 116% of average (96% of last year). Year-to-date percentages range from 93-141% of average for the 8 reporting stations.

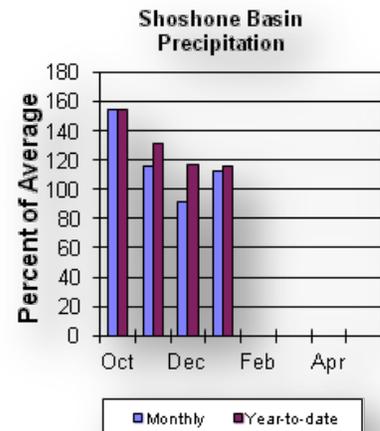
Reservoir

Current storage in Buffalo Bill Reservoir is about 108% of average (101% of last year's storage) - the reservoir is at

about 70% of capacity. Currently, about 449,400 ac-ft are stored in the reservoir compared to 446,100 ac-ft last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for the April through September period are expected to be near average for the basin. The North Fork Shoshone River at Wapiti is 535,000 ac-ft (103% of average). The South Fork of the Shoshone River near Valley is 260,000 ac-ft (98% of average), and the South Fork above Buffalo Bill Reservoir runoff is 225,000 ac-ft (100% of average). The Buffalo Bill Reservoir inflow is expected to yield around 795,000 ac-ft (99% of average). The yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be around 595,000 ac-ft (100% of average). See the following page for detailed runoff volumes.



Shoshone & Clarks Fork River Basins

Streamflow Forecasts - February 1, 2012

| Forecast Pt Forecast Period | <=== Drier === Future Conditions === Wetter ===> | | | | | | 30 Yr Avg (1000AF) |
|-----------------------------------|--|-----------------|-----------------|-----------------|-----------------|-----|-----------------------|
| | Chance of Exceeding * % AVG. | | | | | | |
| | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | 30% (1000AF) | 10% (1000AF) | | |
| NF Shoshone R at Wapiti | | | | | | | |
| APR-JUL | 390 | 440 | 475 | 103 | 510 | 560 | 460 |
| APR-SEP | 445 | 500 | 535 | 103 | 570 | 625 | 520 |
| SF Shoshone R nr Valley | | | | | | | |
| APR-JUL | 183 | 210 | 225 | 100 | 240 | 265 | 225 |
| APR-SEP | 215 | 240 | 260 | 98 | 280 | 305 | 265 |
| SF Shoshone R ab Buffalo Bill Res | | | | | | | |
| APR-JUL | 147 | 187 | 215 | 100 | 245 | 285 | 215 |
| APR-SEP | 153 | 196 | 225 | 100 | 255 | 295 | 225 |
| Buffalo Bill Reservoir Inflow (2) | | | | | | | |
| APR-JUL | 575 | 660 | 715 | 99 | 770 | 855 | 720 |
| APR-SEP | 645 | 735 | 795 | 99 | 855 | 945 | 805 |
| Clarks Fk Yellowstone R nr Belfry | | | | | | | |
| APR-JUL | 455 | 510 | 545 | 101 | 580 | 635 | 540 |
| APR-SEP | 500 | 555 | 595 | 100 | 635 | 690 | 595 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

SHOSHONE & CLARKS FORK RIVER BASINS Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** This Year | Usable Storage Last Year | ***** Average |
|--------------|--------------------|--------------------|-----------------------------|------------------|
| BUFFALO BILL | 646.6 | 449.4 | 446.1 | 414.3 |

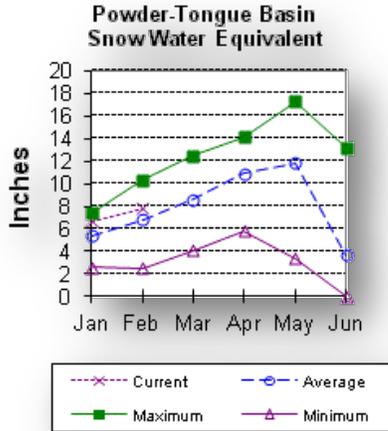
SHOSHONE & CLARKS FORK RIVER BASINS Watershed Snowpack Analysis - February 1, 2012

| Watershed | Number of Data Sites | This Year as Percent of Last Year | Percent of Average |
|-------------------|-------------------------|---|-----------------------|
| SHOSHONE RIVER | 6 | 91 | 95 |
| CLARKS FORK in WY | 7 | 82 | 96 |

Powder and Tongue River Basins

Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 122% of average. The Goose Creek drainage is 127% of average. SWE in the Clear Creek drainage is 118% of average. Crazy Woman Creek drainage is 89% of average. Upper Powder River drainage SWE is 98% of average. Powder River Basin SWE in Wyoming is 107% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

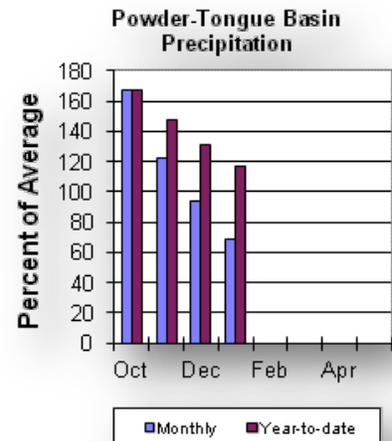
Last month's precipitation was 69% of average for the 9 reporting stations (43% of last year). Monthly percentages range from 52-106% of average. Year-to-date precipitation is 117% of average in the basin; this is 106% of last year at this time. Precipitation for the year ranges from 98-138% of average.

Reservoir

The Tongue River Reservoir currently is storing 240% of average (54,400 ac-ft) compared to 105% of average at this time last year.

Streamflow

The 50% exceedance forecasts for the April through September period are expected to be above average for the basins. The yield for Tongue River near Dayton is 121,000 ac-ft (111% of average). Big Goose Creek near Sheridan is 70,000 ac-ft (117% of average). Little Goose Creek near Bighorn is 49,000 ac-ft (117% of average). The Tongue River Reservoir Inflow is 290,000 ac-ft (116% of average). The Middle Fork of the Powder River near Barnum is 17,900 ac-ft (96% of average). The North Fork of the Powder River near Hazelton should yield around 10,000 ac-ft (96% of average). Rock Creek near Buffalo will yield about 28,000 ac-ft (117% of average), and Piney Creek at Kearny should yield about 64,000 ac-ft (123% of average). The Powder River at Moorehead is 245,000 ac-ft (107% of average). The Powder River near Locate is 280,000 ac-ft (108% of average). See the following page for detailed runoff volumes.



Powder & Tongue River Basins

Streamflow Forecasts - February 1, 2012

| Forecast Pt | <=== Drier === Future Conditions === Wetter ===> | | | | | | 30 Yr Avg |
|-----------------------------------|--|----------|-------------------|----------|----------|----------|-----------|
| Forecast | Chance of Exceeding * ===== | | | | | | (1000AF) |
| Period | 90% | 70% | 50% | 30% | 10% | (1000AF) | (1000AF) |
| Period | (1000AF) | (1000AF) | (1000AF) (% AVG.) | (1000AF) | (1000AF) | (1000AF) | (1000AF) |
| Tongue R nr Dayton (2) | | | | | | | |
| APR-JUL | 75 | 93 | 106 | 110 | 119 | 137 | 96 |
| APR-SEP | 88 | 108 | 121 | 111 | 134 | 154 | 109 |
| Big Goose Ck nr Sheridan | | | | | | | |
| APR-JUL | 42 | 53 | 61 | 117 | 69 | 80 | 52 |
| APR-SEP | 50 | 62 | 70 | 117 | 78 | 90 | 60 |
| Little Goose Ck nr Bighorn | | | | | | | |
| APR-JUL | 28 | 35 | 40 | 118 | 45 | 52 | 34 |
| APR-SEP | 36 | 44 | 49 | 117 | 54 | 62 | 42 |
| Tongue River Reservoir Inflow (2) | | | | | | | |
| APR-JUL | 153 | 215 | 260 | 118 | 305 | 365 | 220 |
| APR-SEP | 178 | 245 | 290 | 116 | 335 | 400 | 250 |
| MF Powder R nr Barnum | | | | | | | |
| APR-JUL | 11.3 | 14.7 | 17.0 | 96 | 19.3 | 23 | 17.8 |
| APR-SEP | 12.0 | 15.5 | 17.9 | 96 | 20 | 24 | 18.7 |
| NF Powder R nr Hazelton | | | | | | | |
| APR-JUL | 6.7 | 8.2 | 9.2 | 96 | 10.2 | 11.7 | 9.6 |
| APR-SEP | 7.4 | 9.0 | 10.0 | 96 | 11.0 | 12.6 | 10.4 |
| Rock Ck nr Buffalo | | | | | | | |
| APR-JUL | 18.0 | 22 | 24 | 121 | 26 | 30 | 19.9 |
| APR-SEP | 22 | 25 | 28 | 117 | 31 | 34 | 24 |
| Piney Ck at Kearny | | | | | | | |
| APR-JUL | 37 | 50 | 59 | 120 | 68 | 81 | 49 |
| APR-SEP | 42 | 55 | 64 | 123 | 73 | 86 | 52 |
| Powder R at Moorhead | | | | | | | |
| APR-JUL | 115 | 174 | 215 | 105 | 255 | 315 | 205 |
| APR-SEP | 142 | 205 | 245 | 107 | 285 | 350 | 230 |
| Powder R nr Locate | | | | | | | |
| APR-JUL | 121 | 195 | 245 | 104 | 295 | 370 | 235 |
| APR-SEP | 147 | 225 | 280 | 108 | 335 | 415 | 260 |

- * 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.
The average is computed for the 1971-2000 base period.
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 - (2) - The value is natural volume - actual volume may be affected by upstream water management.
 - (3) - Median value used in place of average.

POWDER & TONGUE RIVER BASINS
Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** This Year | ***** Usable Storage Last Year | ***** Average |
|--------------|-----------------|-----------------|--------------------------------|---------------|
| TONGUE RIVER | 79.1 | 54.4 | 51.7 | 22.7 |

POWDER & TONGUE RIVER BASINS
Watershed Snowpack Analysis - February 1, 2012

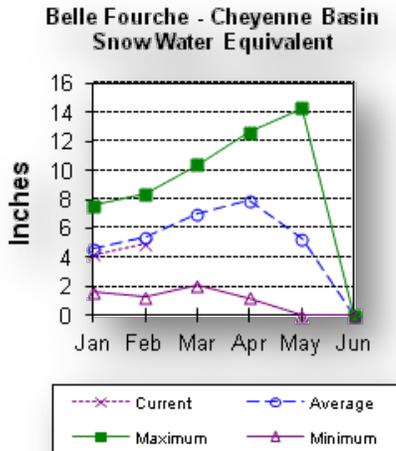
| Watershed | Number of Data Sites | This Year as Percent of Last Year | Average |
|--------------------|----------------------|-----------------------------------|---------|
| UPPER TONGUE RIVER | 10 | 116 | 122 |
| GOOSE CREEK | 3 | 136 | 127 |
| CLEAR CREEK | 4 | 125 | 118 |
| CRAZY WOMAN CREEK | 3 | 73 | 89 |
| UPPER POWDER RIVER | 4 | 81 | 98 |
| POWDER RIVER in WY | 8 | 102 | 107 |

Belle Fourche and Cheyenne River Basins

Snow

The Belle Fourche River Basin SWE is 91% of average at this time of year.

For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Precipitation for last month was 150% of average or 60% of last year in the Black Hills. There were 3 reporting stations. Monthly percentages range from 146-154%. Year-to-date precipitation is 86% of average and 50% of last year's amount. Yearly percentages range from 77-98% of average.

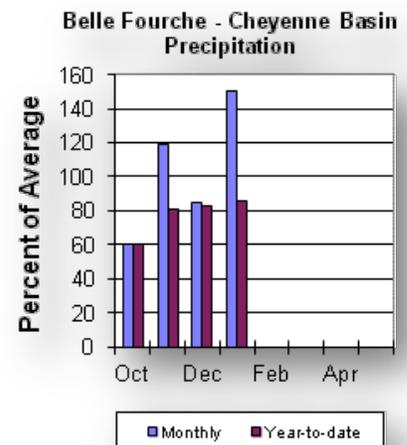
Reservoir

Current reservoir storage is about 120% of average in the basin. Angostura is currently storing 97% of average (94,800 ac-ft), about 78% of capacity. Belle

Fourche reservoir is storing 125% of average (126,600 ac-ft), about 71% of capacity. Deerfield reservoir is storing 117% of average (15,000 ac-ft), about 99% of capacity. Keyhole reservoir is storing 162% of average (166,000 ac-ft), about 86% of capacity. Pactola reservoir is storing 114% of average (52,200 ac-ft), about 95% of capacity. Shadehill reservoir is storing 75% of average (36,700 ac-ft), about 45% of capacity. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The following runoff values are the 50% exceedance forecasts for the Apr through July period. The Deerfield Reservoir Inflow is expected to be 5,000 ac-ft (98% of average). Pactola Reservoir Inflow is expected to yield around 20,000 ac-ft (87% of average). See the following page for detailed runoff volumes.



Belle Fourche & Cheyenne River Basins
Streamflow Forecasts - February 1, 2012

| Forecast Pt Forecast Period | <=== Drier === Future Conditions === Wetter ===> | | | | | | 30 Yr Avg (1000AF) |
|-----------------------------------|--|-----------------|--|----|-----------------|-----------------|-----------------------|
| | 90% (1000AF) | 70% (1000AF) | Chance of Exceeding * (1000AF) (% AVG.) | | 30% (1000AF) | 10% (1000AF) | |
| Deerfield Reservoir Inflow (2) | | | | | | | |
| MAR-JUL | 1.9 | 4.3 | 6.0 | 98 | 7.7 | 10.1 | 6.1 |
| APR-JUL | 2.4 | 3.8 | 5.0 | 98 | 6.3 | 8.5 | 5.1 |
| Pactola Reservoir Inflow (2) | | | | | | | |
| MAR-JUL | 4.2 | 15.4 | 23 | 89 | 31 | 42 | 26 |
| APR-JUL | 7.2 | 14.0 | 20 | 87 | 27 | 39 | 23 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

BELLE FOURCHE & CHEYENNE RIVER BASINS
 Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** This Year | Usable Storage Last Year | ***** Average |
|---------------|-----------------|-----------------|--------------------------|---------------|
| ANGOSTURA | 122.1 | 94.8 | 96.4 | 98.1 |
| BELLE FOURCHE | 178.4 | 126.6 | 150.3 | 101.4 |
| DEERFIELD | 15.2 | 15.0 | 14.7 | 12.8 |
| KEYHOLE | 193.8 | 166.0 | 109.7 | 102.3 |
| PACTOLA | 55.0 | 52.2 | 52.9 | 45.8 |
| SHADEHILL | 81.4 | 36.7 | 48.5 | 49.1 |

BELLE FOURCHE & CHEYENNE RIVER BASINS
 Watershed Snowpack Analysis - February 1, 2012

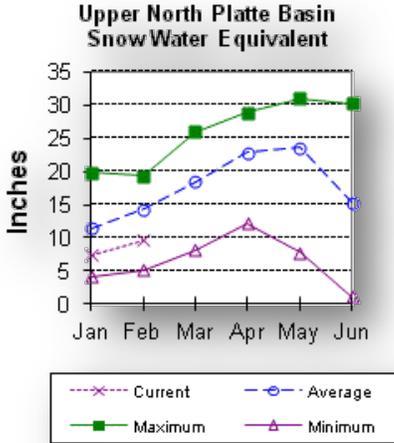
| Watershed | Number of Data Sites | This Year as Percent of Last Year | Percent of Average |
|---------------|----------------------|-----------------------------------|--------------------|
| BELLE FOURCHE | 8 | 67 | 91 |

Upper North Platte River Basin

Snow

The SNOTELs above Seminoe Reservoir are showing about 68% of average (SWE) for this time of the year. SWE in the drainage area above Northgate is 67% of average at this time. SWE in the Encampment River drainage is about 72% of average. Brush Creek SWE for the year is about 63% of average. Medicine Bow and Rock Creek drainages SWE are about 67%

of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

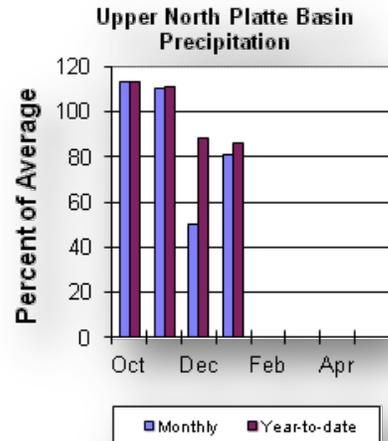
Eight reporting stations show last month's precipitation at 81% of average or 74% of last year's amount. Precipitation varied from 55-95% of average last month. Total water-year-to-date precipitation is about 86% of average for the basin, which is about 59% of last year's amount. Year to date percentage ranges from 67-136% of average.

Reservoirs

Seminoe Reservoir is estimated to be storing 870,300 ac-ft or 86% of capacity. Seminoe Reservoir is also storing about 152% of average for this time of the year and 103% of last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The following yields are the 50% exceedance forecasts for the April through September period and are expected to be below average for the Upper North Platte River Basin. Yield for the North Platte River near Northgate will be around 152,000 ac-ft (56% of average). The Encampment River near Encampment is 105,000 ac-ft (64% of average). Rock Creek near Arlington is 41,000 ac-ft (72% of average). The Sweetwater River near Alcova forecast is for 62,000 ac-ft (78% of average). Seminoe Reservoir inflow should be around 485,000 ac-ft (56% of average). See the following table for more detailed information on projected runoff.



Upper North Platte River Basin

Streamflow Forecasts - February 1, 2012

| Forecast Pt Forecast Period | <=== Drier === Future Conditions === Wetter ===> | | | | | 30 Yr Avg (1000AF) | |
|-----------------------------------|--|-----------------|--------------------------|-----------------|-----------------|-----------------------|-----|
| | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) (% AVG.) | 30% (1000AF) | 10% (1000AF) | | |
| North Platte R nr Northgate | | | | | | | |
| APR-JUL | 55 | 76 | 139 | 57 | 186 | 255 | 245 |
| APR-SEP | 61 | 83 | 152 | 56 | 205 | 280 | 270 |
| Encampment R nr Encampment | | | | | | | |
| APR-JUL | 53 | 80 | 99 | 64 | 118 | 145 | 156 |
| APR-SEP | 57 | 86 | 105 | 64 | 124 | 153 | 165 |
| Rock Ck nr Arlington | | | | | | | |
| APR-JUL | 23 | 33 | 40 | 76 | 47 | 57 | 53 |
| APR-SEP | 23 | 34 | 41 | 72 | 48 | 59 | 57 |
| Sweetwater R nr Alcova | | | | | | | |
| APR-JUL | 21 | 42 | 57 | 77 | 72 | 93 | 74 |
| APR-SEP | 23 | 46 | 62 | 78 | 78 | 101 | 80 |
| Seminole Reservoir Inflow (2) | | | | | | | |
| APR-JUL | 182 | 290 | 455 | 57 | 620 | 865 | 800 |
| APR-SEP | 194 | 310 | 485 | 56 | 660 | 925 | 860 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

UPPER NORTH PLATTE RIVER BASIN Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** This Year | Usable Storage Last Year | ***** Average |
|-----------|-----------------|-----------------|--------------------------|---------------|
| SEMINOE | 1016.7 | 870.3 | 848.4 | 573.2 |

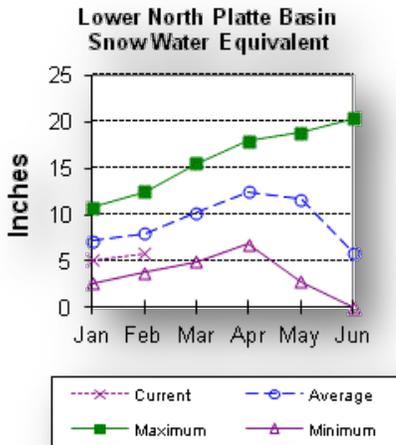
UPPER NORTH PLATTE RIVER BASIN Watershed Snowpack Analysis - February 1, 2012

| Watershed | Number of Data Sites | This Year as Percent of Last Year | Average |
|----------------------------|----------------------|-----------------------------------|---------|
| N PLATTE above Northgate | 7 | 50 | 67 |
| ENCAMPMENT RIVER | 4 | 54 | 72 |
| BRUSH CREEK | 5 | 39 | 63 |
| MEDICINE BOW & ROCK CREEKS | 3 | 48 | 67 |
| N PLATTE above Seminole | 19 | 49 | 68 |

Lower North Platte River Basin

Snow

SWE for the North Platte River Basin is at 73% of average. The Sweetwater drainage SWE is currently at 72% of average. Deer and LaPrele Creek SWE are at 110% of average. SWE for the North Platte above the Laramie River drainage is 70% of average. SWE for the Laramie River above Laramie is 81% of average. SWE for the Little Laramie River is 77% of average. The Laramie River above mouth, SWE is 79% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Last month's precipitation was 109% of average or 95% of last year's amount. Of the 8 reporting stations, percentages for the month range from 77-178%. The water year-to-date precipitation for the basin is currently 110% of average (82% of last year). Year-to-date percentages range from 82-154% of average.

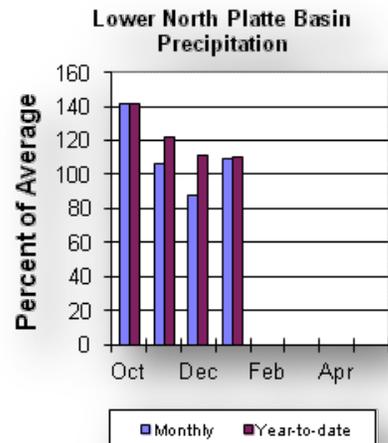
Reservoir

The Lower North Platte River basin reservoir storage is average at 125%. Reservoir storage is as follows: Alcova 156,900 ac-ft (101% of average); Glendo 369,600 ac-ft (110% of average); Guernsey 13,200 ac-ft (145% of average); Pathfinder

767,300 ac-ft (113% of average); Seminoe 870,300 ac-ft (152% of average); and Wheatland #2 72,500 ac-ft (160% of average):

Streamflow

The following yields are based on the 50% exceedance forecasts for the April through September period. The Sweetwater River near Alcova is forecast to yield about 62,000 ac-ft (78% of average). Deer Creek at Glenrock is forecast to yield 44,000 ac-ft (119% of average). LaPrele Creek above the reservoir is forecast to yield 25,000 ac-ft (104% of average). North Platte - Alcova to Orin Gain is forecast to yield 196,000 ac-ft (122% of average). North Platte River below Glendo Reservoir is 510,000 ac-ft (52% of average), and below Guernsey Reservoir is anticipated to yield around 520,000 ac-ft (52% of average). Laramie River near Woods Landing should yield around 115,000 ac-ft (85% of average). The Little Laramie near Filmore should produce about 43,000 ac-ft (67% of average). See the following table for more detailed information on projected runoff.



Lower North Platte, Sweetwater & Laramie River Basins
Streamflow Forecasts - February 1, 2012

| Forecast Pt Forecast Period | <=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * (1000AF) (1000AF) (1000AF) (% AVG.) (1000AF) (1000AF) | | | | | 30 Yr Avg (1000AF) | |
|------------------------------------|--|------|-----|-----|-----|-----------------------|------|
| | 90% | 70% | 50% | 30% | 10% | | |
| Sweetwater R nr Alcova | | | | | | | |
| APR-JUL | 21 | 42 | 57 | 77 | 72 | 93 | 74 |
| APR-SEP | 23 | 46 | 62 | 78 | 78 | 101 | 80 |
| Deer Ck at Glenrock | | | | | | | |
| APR-JUL | 17.0 | 26 | 44 | 119 | 62 | 89 | 37 |
| APR-SEP | 17.0 | 26 | 44 | 119 | 62 | 89 | 37 |
| La Prele Ck ab La Prele Reservoir | | | | | | | |
| APR-JUL | 4.8 | 16.2 | 24 | 100 | 32 | 43 | 24 |
| APR-SEP | 5.7 | 17.2 | 25 | 104 | 33 | 44 | 24 |
| North Platte R-Alcova to Orin Gain | | | | | | | |
| APR-JUL | 70 | 138 | 185 | 122 | 230 | 300 | 152 |
| APR-SEP | 75 | 147 | 196 | 122 | 245 | 315 | 161 |
| North Platte R bl Glendo Res (2) | | | | | | | |
| APR-JUL | 240 | 400 | 505 | 53 | 610 | 770 | 960 |
| APR-SEP | 230 | 400 | 510 | 52 | 620 | 790 | 990 |
| North Platte R bl Guernsey Res (2) | | | | | | | |
| APR-JUL | 177 | 370 | 505 | 52 | 640 | 835 | 970 |
| APR-SEP | 180 | 380 | 520 | 52 | 660 | 860 | 1010 |
| Laramie R nr Woods | | | | | | | |
| APR-JUL | 66 | 89 | 105 | 85 | 121 | 144 | 123 |
| APR-SEP | 73 | 98 | 115 | 85 | 132 | 157 | 135 |
| Little Laramie R nr Filmore | | | | | | | |
| APR-JUL | 21 | 32 | 40 | 68 | 48 | 59 | 59 |
| APR-SEP | 22 | 35 | 43 | 67 | 51 | 64 | 64 |

- * 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.
The average is computed for the 1971-2000 base period.
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 - (2) - The value is natural volume - actual volume may be affected by upstream water management.
 - (3) - Median value used in place of average.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** This Year | Usable Storage Last Year | ***** Average |
|--------------|-----------------|-----------------|--------------------------|---------------|
| | ALCOVA | 184.3 | 156.9 | 156.6 |
| GLENDO | 506.4 | 369.6 | 390.3 | 334.9 |
| GUERNSEY | 45.6 | 13.2 | 14.6 | 9.1 |
| PATHFINDER | 1016.5 | 767.3 | 784.6 | 678.3 |
| SEMINOE | 1016.7 | 870.3 | 848.4 | 573.2 |
| WHEATLAND #2 | 98.9 | 72.5 | 57.1 | 45.3 |

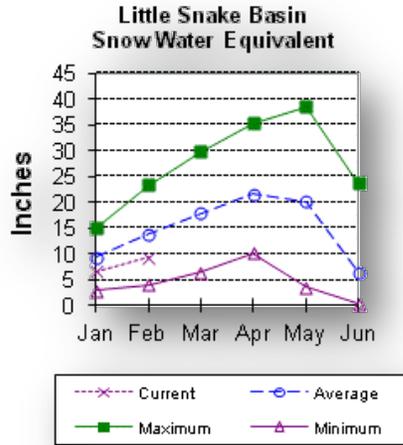
LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Watershed Snowpack Analysis - February 1, 2012

| Watershed | Number of Data Sites | This Year as Percent of | |
|---------------------------|----------------------|-------------------------|---------|
| | | Last Year | Average |
| SWEETWATER | 4 | 71 | 72 |
| DEER & LaPRELE CREEKS | 2 | 101 | 110 |
| N PLATTE abv Laramie R. | 25 | 53 | 70 |
| LARAMIE RIVER abv Laramie | 10 | 59 | 81 |
| LITTLE LARAMIE RIVER | 5 | 55 | 77 |
| LARAMIE RIVER above mouth | 13 | 57 | 79 |
| NORTH PLATTE | 31 | 54 | 73 |

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 67% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

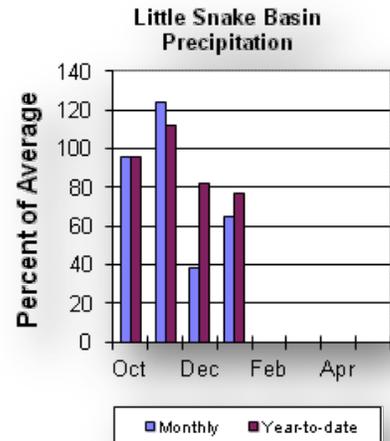
Precipitation across the basin was 65% of average (74% of last year) for the 5 reporting stations. Last month's precipitation ranged from 55-72% of average. The Little Snake River basin water-year-to-date precipitation is currently 77% of average (56% of last year). Year-to-date percentages range from 60-91% of average.

Reservoir

High Savery Dam - 11,800 ac-ft

Streamflow

The 50% exceedance forecast for the April through July time frame on the Little Snake River drainage is expected to be below average this year. The Little Snake River near Slater should yield around 110,000 ac-ft (69% of average). The Little Snake River at Savery is estimated to yield around 230,000 ac-ft (70% of average). See the following table for more detailed information on projected runoff.



Little Snake River Basin
Streamflow Forecasts - February 1, 2012

```

=====
| <=== Drier === Future Conditions === Wetter ===> |
|-----|-----|-----|-----|-----|-----|
Forecast Pt |-----|-----|-----|-----|-----|-----|
Forecast    | 90%    70%    | 50%    | 30%    10%    | 30 Yr Avg
Period      |(1000AF) (1000AF)| (1000AF) (% AVG.) | (1000AF) (1000AF)| (1000AF)
=====
Little Snake R nr Slater (2)
APR-JUL      73    94    110    69    127    155    159

Little Snake R nr Savery (2)
APR-JUL     139  190    230    70    275    345    330
  
```

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

=====

LITTLE SNAKE RIVER BASIN

Watershed Snowpack Analysis - February 1, 2012

=====

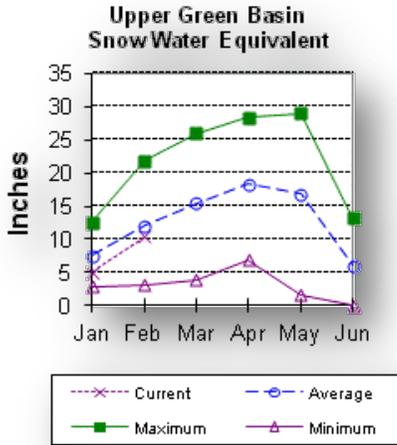
```

=====
Watershed          Number of          This Year as Percent of
                   Data Sites          Last Year          Average
=====
LITTLE SNAKE RIVER          8          54          67
=====
  
```

Upper Green River Basin

Snow

SWE in the Green River Basin above Warren Bridge is about 91% of average.



SWE for the West Side of Upper Green River Basin is about 82% of average. Newfork River Basin SWE is now about 95% of average. Big Sandy-Eden Valley Basin is 85% of average. SWE in the Green River Basin above Fontenelle Reservoir is about 86% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

Precipitation

The 11 reporting precipitation sites in the basin were 138% of average last month (142% of last year). Last month's precipitation varied from 97-191% of average. Water year-to-date precipitation is about 97% of average (84% of last year). Year to date

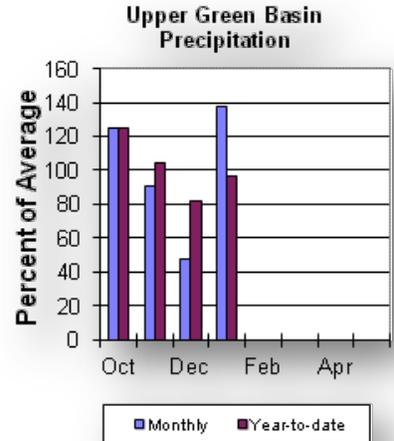
percentage of average ranges from 80-120% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 22,900 ac-ft or 60% of capacity. This is 123% of average. Fontenelle Reservoir is 164,300 ac-ft or 48% of capacity; 90% of average. This is 93% of average for the Upper Green River basin. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for the April through July runoff period in the Upper Green River Basin are forecast to be below average. The yield on the Green River at Warren Bridge is 235,000 ac-ft (89% of average). Pine Creek above Fremont Lake is 96,000 ac-ft (92% of average). New Fork River near Big Piney is 350,000 ac-ft (89% of average). Fontenelle Reservoir Inflow is estimated to be 685,000 ac-ft (80% of average), and Big Sandy near Farson is expected to be around 52,000 ac-ft (90% of average). See the following table for more detailed information on projected runoff.



Upper Green River Basin
Streamflow Forecasts - February 1, 2012

| Forecast Pt Forecast Period | <=== Drier === Future Conditions === Wetter ===> | | | | | | 30 Yr Avg (1000AF) |
|-----------------------------------|--|-----------------|-----------------|----------|-----------------|-----------------|-----------------------|
| | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| Green R at Warren Bridge | | | | | | | |
| APR-JUL | 182 | 215 | 235 | 89 | 260 | 295 | 265 |
| Pine Ck ab Fremont Lake | | | | | | | |
| APR-JUL | 80 | 89 | 96 | 92 | 103 | 114 | 104 |
| New Fork R nr Big Piney | | | | | | | |
| APR-JUL | 245 | 305 | 350 | 89 | 400 | 475 | 395 |
| Fontenelle Reservoir Inflow (2) | | | | | | | |
| APR-JUL | 405 | 560 | 685 | 80 | 820 | 1040 | 860 |
| Big Sandy R nr Farson | | | | | | | |
| APR-JUL | 36 | 45 | 52 | 90 | 59 | 72 | 58 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

UPPER GREEN RIVER BASIN
Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** This Year | Usable Storage Last Year | ***** Average |
|------------|-----------------|--------------------|-----------------------------|------------------|
| BIG SANDY | 38.3 | 22.9 | 17.6 | 18.6 |
| FONTENELLE | 344.8 | 164.3 | 182.5 | 182.2 |

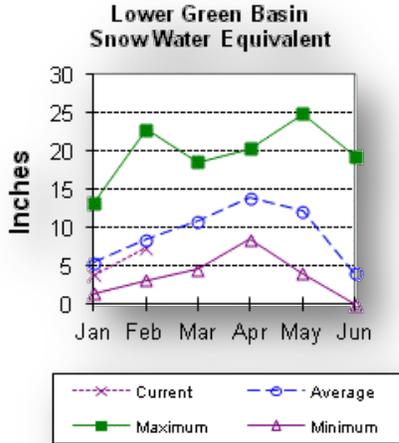
UPPER GREEN RIVER BASIN
Watershed Snowpack Analysis - February 1, 2012

| Watershed | Number of Data Sites | This Year as Percent of Last Year | Average |
|---------------------------|-------------------------|--------------------------------------|---------|
| GREEN above Warren Bridge | 5 | 83 | 91 |
| UPPER GREEN (West Side) | 7 | 65 | 82 |
| NEWFORK RIVER | 3 | 92 | 94 |
| BIG SANDY/EDEN VALLEY | 2 | 88 | 85 |
| GREEN above Fontenelle | 14 | 73 | 86 |

Lower Green River Basin

Snow

SWE in the Green River Basin above Flaming Gorge is 87% of average. SWE in the Hams Fork Basin is 82% of average. Blacks Fork Basin SWE is currently 78% of average. In the Henrys Fork drainage SWE is 121%. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Precipitation for the 3 reporting stations during last month was at 105% of average or 107% of last year. Precipitation ranged from 81-116% of average for the month. The basin year-to-date precipitation is currently 80% of average (64% of last year). Year-to-date percentages range from 75-85% of average.

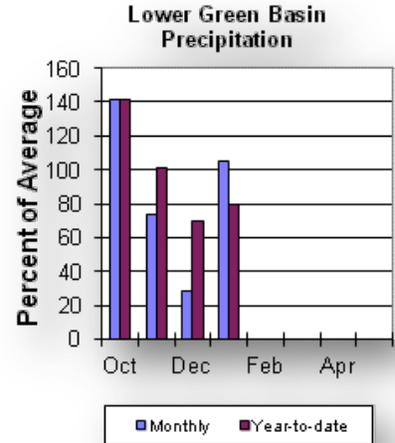
Reservoirs

Fontenelle Reservoir is currently storing 164,300 ac-ft; this is 90% of average (90% of last year). Flaming Gorge is currently

storing 3,344,000 ac-ft; this is 113% of average (107% of last year). Viva Naughton is currently storing 28,600 ac-ft, 94% of average or 67% of capacity. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for the April through July runoff period in the Lower Green River Basin are forecast to be below average. The Green River near Green River is forecast to yield about 695,000 ac-ft (79% of average). The Blacks Fork near Robertson is forecast to yield 70,000 ac-ft (74% of average). East Fork of Smiths Fork near Robertson is forecast to yield 20,000 ac-ft (69% of average). Hams Fork below Pole Creek near Frontier is forecast to be 45,000 ac-ft (69% of average). The Hams Fork Inflow to Viva Naughton Reservoir is forecast to be 59,000 ac-ft (66% of average). The Flaming Gorge Reservoir inflow will be about 880,000 ac-ft (74% of average). See the following table for more detailed information on projected runoff.



Lower Green River Basin
Streamflow Forecasts - February 1, 2012

```

=====
| <=== Drier === Future Conditions === Wetter ===> |
| Forecast Pt | ===== Chance of Exceeding * ===== |
| Forecast | 90% 70% | 50% | 30% 10% | 30 Yr Avg |
| Period | (1000AF) (1000AF) | (1000AF) (% AVG.) | (1000AF) (1000AF) | (1000AF) |
=====
Green R nr Green River, WY (2)
APR-JUL 430 585 695 79 805 960 875

Blacks Fk nr Robertson
APR-JUL 45 59 70 74 82 100 95

EF of Smiths Fork nr Robertson (2)
APR-JUL 11.5 16.3 20 69 24 31 29

Hams Fk bl Pole Ck nr Frontier
APR-JUL 25 36 45 69 55 71 65

Viva Naughton Reservoir Inflow (2)
APR-JUL 35 43 59 66 75 100 89

Flaming Gorge Reservoir Inflow (2)
APR-JUL 500 715 880 74 1060 1370 1190

```

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

=====

LOWER GREEN RIVER BASIN

Reservoir Storage (1000AF) End of January

=====

```

=====
Reservoir          Usable Capacity      ***** Usable Storage *****
                   Capacity      This Year      Last Year      Average
=====
FONTENELLE          344.8            164.3            182.5            182.2
FLAMING GORGE       3749.0           3344.0           3111.0           2966.0
VIVA NAUGHTON RES   42.4             28.6             31.0             30.3
=====

```

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LOWER GREEN RIVER BASIN

Watershed Snowpack Analysis - February 1, 2012

=====

```

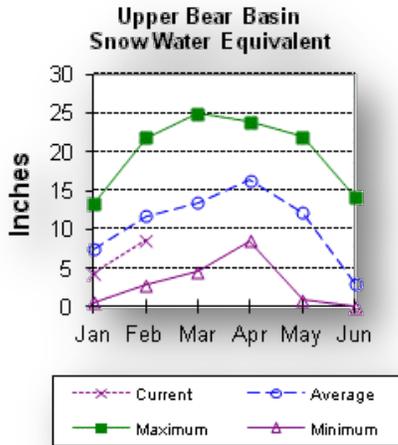
=====
Watershed          Number of Data Sites      This Year as Percent of
                   Data Sites      Last Year      Average
=====
HAMS FORK RIVER          4            62            82
BLACKS FORK              2            66            78
HENRYS FORK              2           113           121
GREEN above Flaming Gorge 22           74            86
=====

```

Upper Bear River Basin

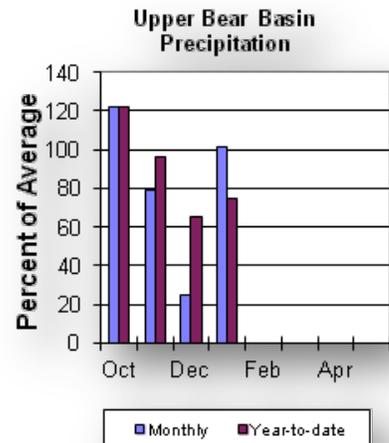
Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 62% of average. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is at 82% of average. Bear River Basin SWE, above the Idaho State line, is 74% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Precipitation for last month was 101% of average for the 2 reporting stations; this is 106% of the precipitation received last year. The year-to-date precipitation, for the basin, is 75% of average; this is 60% of last year's amount.



Reservoir

Storage in Woodruff Narrows reservoir is 45,000 ac-ft (179% of average). Current reservoir storage is about 79% of capacity. Reservoir storage last year at this time was 42,000 ac-ft.

Streamflow

The following 50% exceedance forecasts are for the April through September period. The Bear River near the Utah-Wyoming State Line is 94,000 ac-ft (75% of average). The Bear River above Reservoir near Woodruff is 91,000 ac-ft (64% of average). The Smiths Fork River near Border is 90,000 ac-ft (74% of average). See the following table for more detailed information on projected runoff.

Upper Bear River Basin

Streamflow Forecasts - February 1, 2012

| Forecast Pt Forecast Period | <=== Drier === Future Conditions === Wetter ===> | | | | | | 30 Yr Avg (1000AF) |
|-----------------------------------|--|-----------------|-----------------|----------|-----------------|-----------------|-----------------------|
| | Chance of Exceeding * | | | | | | |
| | 90% (1000AF) | 70% (1000AF) | 50% (1000AF) | (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| Bear R nr UT-WY State Line | | | | | | | |
| APR-JUL | 45 | 69 | 85 | 75 | 101 | 125 | 113 |
| APR-SEP | 49 | 76 | 94 | 75 | 112 | 139 | 125 |
| Bear R ab Res nr Woodruff | | | | | | | |
| APR-JUL | 3.0 | 52 | 90 | 66 | 128 | 184 | 136 |
| APR-SEP | 3.0 | 43 | 91 | 64 | 139 | 210 | 142 |
| Smiths Fk nr Border | | | | | | | |
| APR-JUL | 44 | 66 | 80 | 78 | 94 | 116 | 103 |
| APR-SEP | 50 | 74 | 90 | 74 | 106 | 130 | 121 |

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

UPPER BEAR RIVER BASIN Reservoir Storage (1000AF) End of January

| Reservoir | Usable Capacity | ***** This Year | Usable Storage Last Year | ***** Average |
|------------------|--------------------|--------------------|-----------------------------|------------------|
| WOODRUFF NARROWS | 57.3 | 45.0 | 42.0 | 25.2 |

UPPER BEAR RIVER BASIN Watershed Snowpack Analysis - February 1, 2012

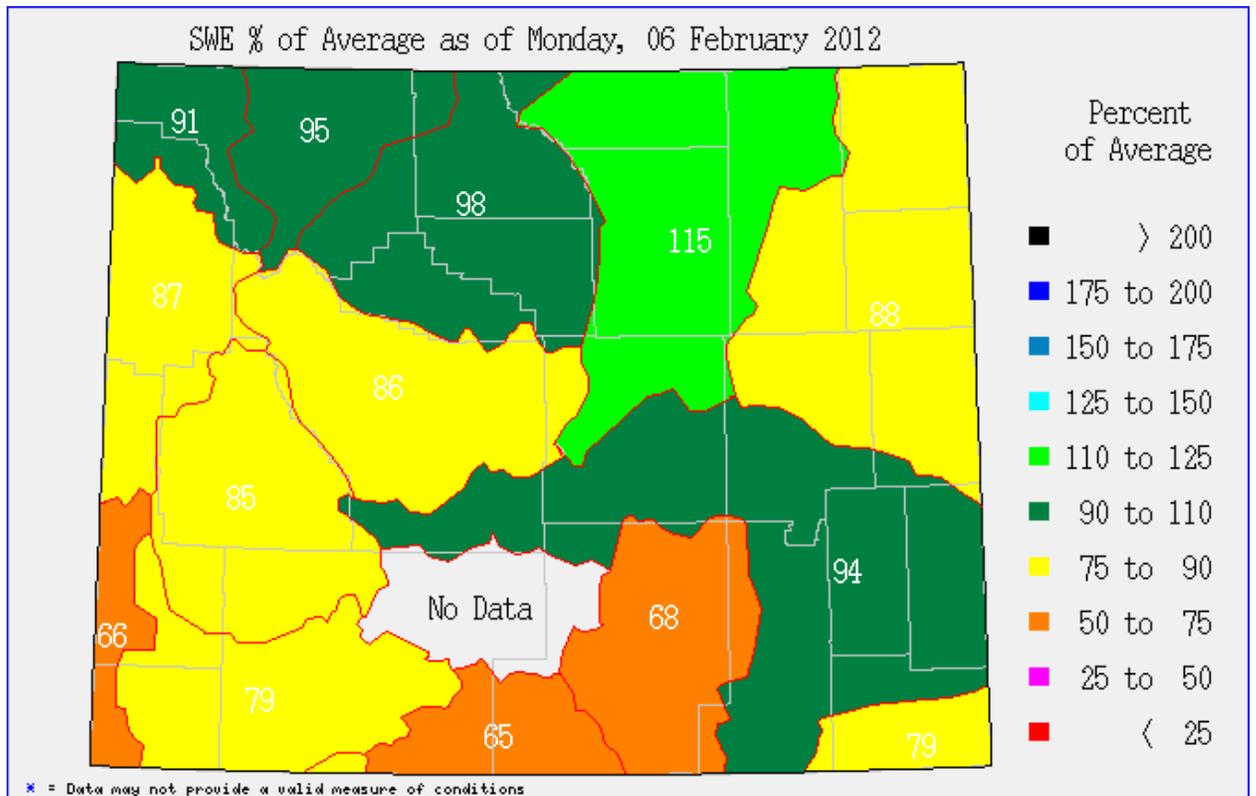
| Watershed | Number of Data Sites | This Year as Percent of Last Year | Average |
|--------------------------|-------------------------|--------------------------------------|---------|
| UPPER BEAR RIVER in Utah | 5 | 43 | 62 |
| SMITHS & THOMAS FORKS | 4 | 62 | 82 |
| BEAR RIVER abv ID line | 7 | 53 | 74 |
| NORTHWEST | 74 | 82 | 91 |
| NORTHEAST | 23 | 98 | 109 |
| SOUTHEAST | 35 | 55 | 72 |
| SOUTHWEST | 31 | 66 | 79 |

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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:

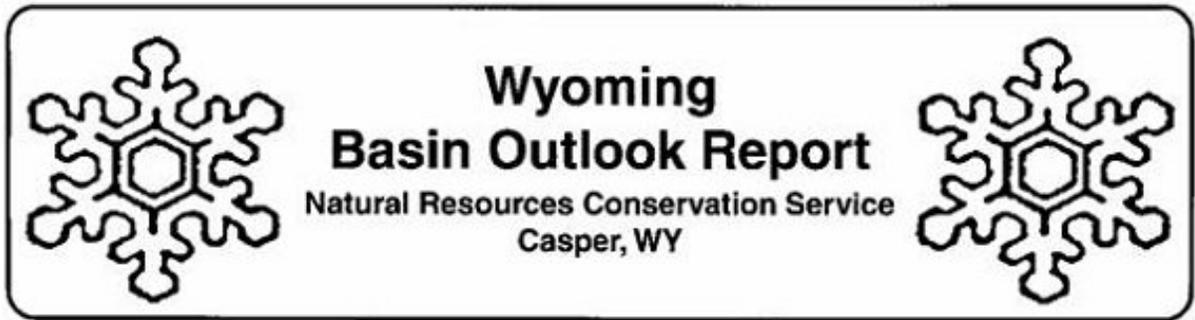
The Wyoming State Engineer's Office

The University of Wyoming

Local:

The City of Cheyenne

The City of Rawlins



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