United States
Department of
Agriculture

**Natural
Resources
Conservation
Service**

Wyoming
Basin Outlook Report
March 1, 2007

Basin Outlook Reports
And
Federal - State - Private
Cooperative Snow Surveys

For more water supply and resource management information, contact:

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How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. 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.

Wyoming Water Supply Outlook Report

General

Generally, the snow water equivalent (SWE) across Wyoming is below average for this time of the year. SWE for the State of Wyoming as a whole is 81% of average for early March. Precipitation for last month in the basins varied from 76% of average to 181% of average for the various basins in the State. Year-to-date precipitation is also below average for the year and varies from 77-99% of average in the basins. Basin reservoir levels for Wyoming vary from 34-209% of average for an overall average of 91%. Forecasted runoff varies from 58-104% of average across Wyoming.

Snowpack

Snow water equivalent (SWE), across Wyoming is below average for this time of year at 81%. SWE in the NW portion of Wyoming is now about 78% of average (77% of last year). The NE Wyoming SWE is currently about 86% of average (94% of last year). The SE portion of Wyoming SWE is currently about 84% of average (75% of last year). The SW portion of Wyoming SWE is about 77% of average (68% of last year).

Precipitation

Last month's precipitation was below average across most of Wyoming. The Lower Green River Basin had the lowest precipitation for the month at 76% of average. The Belle Fourche & Cheyenne River Basin has the highest precipitation amount at 181% 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	-02%	Upper North Platte River	+09%
Yellowstone & Madison	+17%	Lower North Platte	-10%
Wind River	-24%	Little Snake River	+21%
Big Horn	+23%	Upper Green River	-14%
Shoshone & Clarks Fork	+23%	Lower Green River	+03%
Powder & Tongue River	+32%	Upper Bear River	-00%
Belle Fourche & Cheyenne	+81%		

Streams

Stream flow yield is expected to be below average across Wyoming. Most probable yield for the entire State of Wyoming is forecast to be at average at 79% (varying from 58-104% of average). The Snake River and Upper Yellowstone & Madison River Basins are expected to yield about 81 and 92% of average, respectively -- 69-93% of average for the various forecast points in the basins. Yields from the Wind and Bighorn River Basins are expected to be about 62 and 68% of average, respectively -- varying from 62-88% of average in the basins. Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 79 & 85% of average respectively-- varying from 69-87% of average. Yields from the Powder & Tongue River Basins are expected to be about 61 & 80% of average, respectively -- varying from 55-90% of average. Yields for the Belle Fourche & Cheyenne River Basins are expected to be about 84 & 74% of average, respectively. Yields for the Upper and Lower North Platte River of Wyoming are expected to be about 85 and 80% of average, respectively -- varying from 58-104% of average. Yields for the Little Snake, Upper Green River, Lower Green River and Little Bear of Wyoming are expected to be 71, 67, 60, and 77% of average respectively -- yield estimates vary from 58-86% of average.

Reservoirs

Reservoirs on the North Platte River are well below average at 55% of average. Most of the reservoirs in the northeast are below average in storage at 57%. Reservoirs in the Wind River Basin are below average at 73%. Reservoirs on the Big Horn are below average at 85%. The Buffalo Bill Reservoir on the Shoshone is above average at 109%. Reservoirs on the Green River are above average at 105%. Reservoir storage varies across the state at this time; however, reservoir storage is at 91% of average for the entire state. See following table for further information about reservoir storage.

Major Reservoirs in Wyoming

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	100	100
ANGOSTURA	35	42	83	42	83
BELLE FOURCHE	44	37	63	69	120
BIG SANDY	37	83	50	74	45
BIGHORN LAKE	57	61	61	93	93
BOYSEN	70	89	96	73	79
BUFFALO BILL	69	73	63	109	94
BULL LAKE	38	48	56	68	80
DEERFIELD	76	76	87	87	100
ENNIS LAKE	69	75	77	90	92
FLAMING GORGE	83	81	78	107	103
FONTENELLE	37	42	45	81	87
GLENDO	59	57	75	79	105
GRASSY LAKE	82	55	79	103	149
GUERNSEY	32	34	31	103	95
HEBGEN LAKE	75	74	70	106	100
JACKSON LAKE	75	49	58	129	155
KEYHOLE	28	38	55	52	75
PACTOLA	56	65	84	67	87
PALISADES	75	61	74	102	123
PATHFINDER	24	29	70	34	85
PILOT BUTTE	59	79	63	93	75
SEMINOE	26	39	52	50	66
SHADEHILL	35	42	61	56	83
TONGUE RIVER	65	54	31	209	121
VIVA NAUGHTON RES	77	72	69	113	107
WHEATLAND #2	25	49	48	51	51
WOODRUFF NARROWS	84	61	48	175	138
TOTAL OF 28 RESERVOIRS	63	62	69	91	101

Raw KAF Totals Current = 8356 Last Year = 8304 Average = 9189 Capacity = 13288

B A S I N S U M M A R Y O F
S N O W C O U R S E D A T A

March 1 2007

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and SNOTEL Stations						
ALBANY	9400	2/26/07	42	10.6	12.3	11.8
ASTER CREEK	7750	2/28/07	72	18.4	30.0	25.2
BALD MOUNTAIN SNOTEL	9380	3/01/07	61	15.1	12.8	16.0
BASE CAMP SNOTEL	7030	3/01/07	---	13.5	18.1	16.0
BATTLE MTN. SNOTEL	7440	3/01/07	37	8.0	11.8	9.7
BEARLODGE DIVIDE	4680	2/27/07	10	2.9	1.3	1.8
BEARTOOTH LK. SNOTEL	9280	3/01/07	62	16.1	19.4	19.7
BEAR TRAP SNOTEL	8200	3/01/07	27	4.6	4.8	4.3
BIG GOOSE	7760	3/01/07	14	3.4	1.8	5.1
BIG GOOSE SNOTEL	7760	3/01/07	22	5.3	5.3	7.7
BIG PARK	8620	2/28/07	48	12.0	19.7	16.2
BIG SANDY SNOTEL	9080	3/01/07	48	10.2	13.1	12.1
BLACKWATER SNOTEL	9780	3/01/07	67	17.2	19.2	20.4
BLIND BULL SNOTEL	8900	3/01/07	70	18.2	24.6	23.1
BLIND PARK SNOTEL	6870	3/01/07	28	5.1	6.4	7.1
BLUE RIDGE	9620	2/28/07	32	6.0	5.4	9.8
BONE SPGS. SNOTEL	9350	3/01/07	60	13.6	11.4	13.2
BROOKLYN LK. SNOTEL	10220	3/01/07	---	15.9	21.0	19.0
BUCK CREEK	7960	2/27/07	37	7.4	11.2	8.2
BURGESS JCT. SNOTEL	7880	3/01/07	38	8.6	8.0	9.0
BURROUGHS CRK SNOTEL	8750	3/01/07	42	10.8	12.1	12.6
CANYON SNOTEL	8090	3/01/07	46	10.3	12.5	11.3
CASPER MTN. SNOTEL	7850	3/01/07	38	9.0	13.7	11.3
CASTLE CREEK	8400	2/26/07	16	2.7	1.9	4.0
CCC CAMP	7000	2/28/07	39	8.8	12.6	11.0
CHALK CK #1 SNOTEL	9100	3/01/07	72	17.8	22.8	19.9
CHALK CK #2 SNOTEL	8200	3/01/07	51	12.1	12.5	12.9
CINNABAR PARK SNOTEL	9690	3/01/07	62	16.8	20.0	11.9
CLOUD PEAK SNOTEL	9850	3/01/07	38	9.3	10.7	10.0
COLE CANYON SNOTEL	5910	3/01/07	20	4.9	4.7	5.7
COLD SPRINGS SNOTEL	9630	3/01/07	25	4.8	4.4	7.2
COTTONWOOD CR SNOTEL	7700	3/01/07	---	15.7	25.9	18.5
CROW CREEK SNOTEL	8830	3/01/07	23	7.1	4.7	7.3
DARBY CANYON	8250	2/28/07	55	14.3	22.1	20.3
DEER PARK SNOTEL	9700	3/01/07	42	9.5	14.5	14.4
DITCH CREEK	6870	2/26/07	12	2.1	3.3	3.6
DIVIDE PEAK SNOTEL	8860	3/01/07	58	15.4	15.0	15.6
DOME LAKE SNOTEL	8880	3/01/07	37	8.2	8.7	9.5
DU NOIR	8760	2/25/07	21	3.6	4.5	6.8
EAST RIM DIV SNOTEL	7930	3/01/07	---	7.1	9.6	11.0
ELBO RANCH	7100	3/02/07	32	7.2	11.9	10.3
ELKHART PARK SNOTEL	9400	3/01/07	---	7.8	12.1	11.1
EVENING STAR SNOTEL	9200	3/01/07	71	19.1	21.9	25.0
FOUR MILE MEADOWS	7860	2/27/07	37	9.0	10.4	10.8
FOXPARK	9060	2/26/07	20	4.9	6.8	6.3
GEYSER CREEK	8500	2/27/07	17	2.7	3.5	6.0
GLADE CREEK	7040	2/28/07	58	15.2	23.3	20.9
GRAND TARGHEE SNOTEL	9260	3/01/07	108	32.1	--	--
GRANITE CRK SNOTEL	6770	3/01/07	---	10.9	19.1	16.1
GRANNIER MEADOWS	8860	2/28/07	33	7.3	9.5	11.7
GRASSY LAKE SNOTEL	7270	3/01/07	95	24.0	31.9	29.5
GRAVE SPRINGS SNOTEL	8550	3/01/07	26	5.4	7.8	7.3
GREYS BOUNDARY	5720	2/28/07	31	8.0	14.9	10.9
GROS VENTRE SNOTEL	8750	3/01/07	40	8.5	10.4	11.5
GROVER PARK DIVIDE	7000	2/28/07	34	7.5	10.8	10.0
HAIRPIN TURN	9480	2/26/07	43	11.4	15.2	13.9
HANSEN S.M. SNOTEL	8360	3/01/07	19	2.8	3.4	5.2
HAMS FORK SNOTEL	7840	3/01/07	---	8.1	13.3	11.0

HASKINS CREEK	8980	2/26/07	81	18.4	30.4	25.9
HOBACK GS	6640	2/28/07	31	5.8	9.8	--
HOBBS PARK SNOTEL	10100	3/01/07	36	8.2	8.8	11.9
HUCKLEBERRY DIVIDE	7300	2/28/07	56	14.6	19.9	18.5
INDIAN CREEK SNOTEL	9430	3/01/07	---	17.3	26.8	22.3
JACKPINE CREEK	7350	2/28/07	62	17.0	24.1	19.4
KELLEY R.S. SNOTEL	8180	3/01/07	---	11.0	17.7	14.0
KENDALL R.S. SNOTEL	7740	3/01/07	42	8.9	13.4	12.4
KIRWIN SNOTEL	9550	3/01/07	33	7.7	8.4	9.1
LAKE CAMP	7780	3/01/07	35	7.5	9.0	8.7
LA PRELE SNOTEL	8380	3/01/07	33	7.0	8.5	8.9
LARSEN CREEK	9020	2/28/07	34	5.7	10.7	11.0
LEWIS LAKE SNOTEL	7850	3/01/07	87	23.1	35.4	29.7
LIBBY LODGE	8750	2/26/07	33	8.4	10.8	9.6
LITTLE BEAR RUN	6240	2/26/07	11	2.3	3.8	3.4
LITTLE WARM SNOTEL	9370	3/01/07	30	6.6	7.6	9.5
LOOMIS PARK SNOTEL	8240	3/01/07	---	9.8	16.8	14.5
LUPINE CREEK	7380	2/27/07	27	5.2	7.4	8.5
MALLO	6420	2/26/07	26	5.5	8.5	6.6
MARQUETTE SNOTEL	8760	3/01/07	11	2.1	1.8	6.9
MEDICINE LODGE LAKES	9340	3/01/07	37	7.1	8.5	9.2
MIDDLE FORK	7420	2/28/07	14	2.9	2.4	4.8
MIDDLE POWDER SNOTEL	7760	3/01/07	32	7.4	10.4	9.0
MORAN	6750	3/01/07	38	10.4	11.7	11.8
MOSS LAKE	9800	2/27/07	57	14.6	21.1	19.9
NEW FORK SNOTEL	8340	3/01/07	35	7.3	9.8	9.6
NORRIS BASIN	7500	2/28/07	34	8.5	8.0	9.6
NORTH BARRETT CREEK	9400	2/27/07	65	17.0	20.6	17.5
NORTH FRENCH SNOTEL	10130	3/01/07	80	20.2	28.5	22.7
NORTH RAPID CK SNTL	6130	3/01/07	22	5.5	5.6	6.8
NORTH TONGUE	8450	3/01/07	41	9.5	7.9	10.3
OLD BATTLE SNOTEL	9920	3/01/07	80	20.7	31.1	26.3
OLD FAITHFUL	7400	3/03/07	40	12.2	10.7	12.9
ONION GULCH	8780	2/26/07	13	3.2	4.4	6.7
OWL CREEK SNOTEL	8980	3/01/07	22	4.7	2.5	4.1
PARKERS PEAK SNOTEL	9400	3/01/07	63	16.1	16.2	18.2
PHILLIPS BNCH SNOTEL	8200	3/01/07	62	16.3	27.8	23.9
POCKET CREEK	9350	2/28/07	32	6.8	13.4	10.9
POLE MOUNTAIN	8700	2/26/07	38	9.8	5.5	6.8
POWDER RVR.PASS SNTL	9480	3/01/07	38	7.5	8.2	8.7
PURGATORY GULCH	8970	2/26/07	38	9.0	9.2	9.5
RANGER CREEK	8120	3/01/07	29	5.8	6.0	7.3
RENO HILL SNOTEL	8500	3/01/07	45	10.6	13.2	10.4
REUTER CANYON	6280	2/28/07	28	6.1	13.2	8.4
ROWDY CREEK	8300	2/28/07	46	11.7	19.8	18.5
RYAN PARK	8400	2/27/07	39	8.4	10.7	9.7
SAGE CK BASIN SNTL	7850	3/01/07	46	10.8	10.5	9.0
SALT RIVER SNOTEL	7600	3/01/07	---	9.6	14.1	12.2
SAND LAKE SNOTEL	10050	3/01/07	79	20.3	27.1	25.2
SANDSTONE RS SNOTEL	8150	3/01/07	49	9.8	12.6	12.5
SAWMILL DIVIDE	9260	3/01/07	40	9.1	8.6	10.2
SHELL CREEK SNOTEL	9580	3/01/07	53	11.7	11.8	11.8
SHERIDAN R.S.	7750	2/27/07	20	3.3	4.1	5.2
SNAKE RIVER STATION	6920	2/28/07	72	18.4	18.8	18.3
SNAKE RV STA SNOTEL	6920	3/01/07	53	13.3	18.1	16.6
SNIDER BASIN SNOTEL	8060	3/01/07	42	9.0	16.0	12.4
SOLDIER PARK	8780	2/26/07	10	2.4	2.1	4.4
SOUR DOUGH	8460	2/26/07	11	2.9	3.7	5.4
SOUTH BRUSH SNOTEL	8440	3/01/07	44	11.1	9.9	10.0
SOUTH PASS SNOTEL	9040	3/01/07	46	10.1	14.0	14.0
SPRING CRK. SNOTEL	9000	3/01/07	67	15.8	27.4	22.2
ST LAWRENCE ALT SNTL	8620	3/01/07	21	4.2	2.8	5.9
SUCKER CREEK SNOTEL	8880	3/01/07	44	10.1	8.5	9.1
SYLVAN LAKE SNOTEL	8420	3/01/07	55	13.5	15.1	18.8
SYLVAN ROAD SNOTEL	7120	3/01/07	38	8.4	9.2	11.4
T CROSS RANCH	7900	2/26/07	22	5.0	5.3	6.8
TETON PASS W.S.	7740	3/01/07	59	16.8	--	23.4

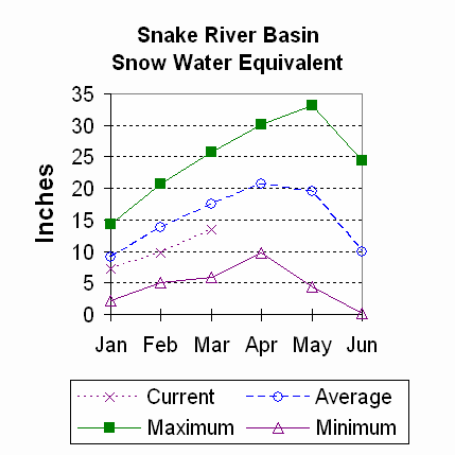
THUMB DIVIDE SNOTEL	7980	3/01/07	49	11.5	15.8	15.4
THUMB DIVIDE	7980	2/28/07	46	10.8	14.1	15.8
TIE CREEK SNOTEL	6870	3/01/07	21	4.1	4.5	4.9
TIMBER CREEK SNOTEL	7950	3/01/07	14	2.3	1.7	4.2
TOGWOTEE PASS SNOTEL	9580	3/01/07	63	15.8	21.6	20.7
TOWNSEND CRK SNOTEL	8700	3/01/07	26	5.4	5.4	6.9
TRIPLE PEAK SNOTEL	8500	3/01/07	64	15.8	26.5	20.9
TURPIN MEADOWS	6900	2/27/07	37	9.1	10.9	9.4
TWO OCEAN SNOTEL	9240	3/01/07	---	21.3	31.1	23.3
TYRELL RANGER STA.	8300	2/28/07	13	3.1	4.7	6.2
UPPER SPEARFISH	6500	2/27/07	20	4.8	7.6	5.9
WEBBER SPRING SNOTEL	9250	3/01/07	63	15.9	22.4	21.3
WHISKEY PARK SNOTEL	8950	3/01/07	73	18.1	31.9	23.8
WILLOW CREEK SNOTEL	8450	3/01/07	---	19.9	30.6	25.4
WINDY PEAK SNOTEL	7900	3/01/07	27	6.6	5.8	6.0
WOLVERINE SNOTEL	7650	3/01/07	31	8.1	8.1	10.6
WOOD ROCK G.S.	8440	3/01/07	35	7.8	7.0	7.8
YOUNTS PEAK SNOTEL	8350	3/01/07	40	10.0	12.6	14.6

(d) denotes discontinued site.

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) is below average. SWE in the Snake River Basin above Jackson Lake is 80% of average (70% of last year). Pacific Creek Basin SWE is 88% of average (74% of last year). Gros Ventre River Basin SWE is 74% of average (72% of last year). SWE in the Hoback River drainage is 72% of average (68% of last year). SWE in the Greys River drainage is 76% of average (63% of last year). In the Salt River area SWE is 80% of average (65% of last year). SWE in the Snake River Basin above Palisades is 77% of average (68% of last year). See the Basin Summary of Snow Courses at the beginning of this report for a detailed listing of snow course information.

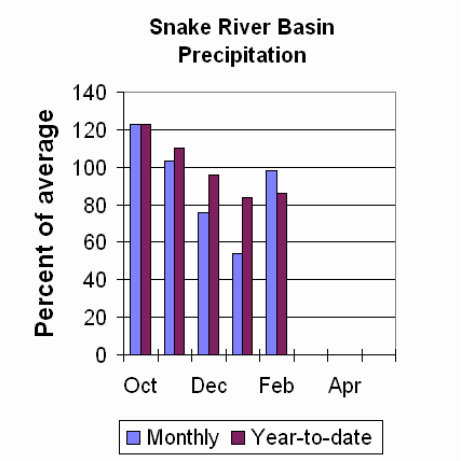


Precipitation

Precipitation across the basin was below average last month. Monthly precipitation for the basin was 98% of average (139% of last year). Last month's percentages range from 48-137% of average. Water-year-to-date precipitation is 86% of average for the Snake River Basin (76% of last year). Year-to-date percentages range from 73-121% of average.

Reservoir

Currently, usable reservoir storage is 111% of average for the three storage reservoirs in the basin. Grassy Lake storage is about 103% of average (12,400 ac-ft compared to 8,300 last year). Jackson Lake storage is 129% of average (635,900 ac-ft compared to 411,500 ac-ft last year). Palisades Reservoir storage is about 102% of average (1,053,400 ac-ft compared to 855,700 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 790,000 ac-ft (87% of average). Snake above reservoir near Alpine is 2,410,000 ac-ft (88% of average). The Snake near Irwin is 3,160,000 ac-ft (82% of average). The Snake near Heise is 3,380,000 ac-ft (81% of average). Pacific Creek at Moran is 150,000 ac-ft (84% of average). Greys River above Palisades Reservoir is 310,000 ac-ft (79% of average). Salt River near Etna is 300,000 ac-ft (71% of average). See the following page for detailed runoff volumes.

SNAKE RIVER BASIN
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions Chance of Exceeding * 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
SNAKE nr Moran (1,2)							
APR-JUL	550	660	710	87	760	870	815
APR-SEP	610	735	790	87	845	970	905
SNAKE ab resv nr Alpine (1,2)							
APR-JUL	1600	1880	2010	85	2140	2420	2370
APR-SEP	1940	2260	2410	88	2560	2880	2730
SNAKE nr Irwin (1,2)							
APR-JUL	2080	2520	2720	82	2920	3360	3330
APR-SEP	2450	2940	3160	82	3380	3870	3870
SNAKE near Heise (2)							
APR-JUL	2350	2680	2900	82	3120	3450	3560
APR-SEP	2760	3130	3380	81	3630	4000	4160
PACIFIC CREEK at Moran							
APR-JUL	101	125	141	83	157	181	171
APR-SEP	110	134	150	84	166	190	178
GREYS above Palisades							
APR-JUL	210	245	270	79	295	330	340
APR-SEP	240	280	310	79	340	380	395
SALT near Etna							
APR-JUL	130	192	235	69	280	340	340
APR-SEP	179	250	300	71	350	420	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

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

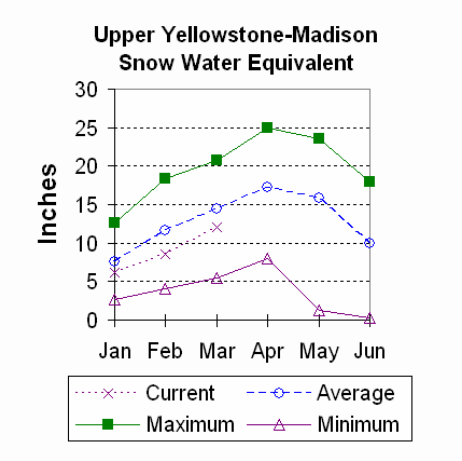
Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
GRASSY LAKE	15.2	12.4	8.3	12.0
JACKSON LAKE	847.0	635.9	411.5	494.0
PALISADES	1400.0	1053.4	855.7	1033.1

SNAKE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SNAKE above Jackson Lake	9	70	80
PACIFIC CREEK	3	74	88
GROS VENTRE RIVER	3	71	74
HOBACK RIVER	5	68	72
GREYS RIVER	5	63	78
SALT RIVER	5	65	80
SNAKE above Palisades	28	68	77

Upper Yellowstone & Madison River Basins

Snow



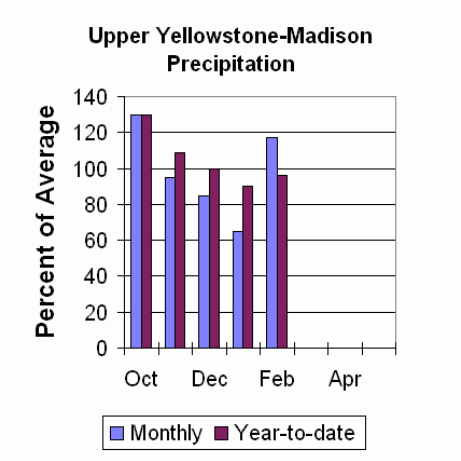
Snowfall in these basins has been low so far this year and the SWE in both basins is below average for this month. Snow water equivalent (SWE) is about 82% of average (76% of last year) in the Madison drainage. SWE in the Yellowstone drainage is about 84% of average (81% of last year at this time). See the "Snow Course Basin Summary" at the beginning of this document for more details on specific sites.

Precipitation

Last month precipitation in the Upper Yellowstone and Madison drainages were about 117% of average (195% of last year) for the 5 reporting stations -- percentages range from 89-172% of average. Water-year-to-date precipitation is about 96% of average (90% of last year's amount). Year to date percentage ranges from 73-121%.

Reservoir

Ennis Lake is storing about 28,200 ac-ft of water (69% of capacity, 90% of average or 92% of last year's volume). Hebgen Lake is storing about 281,800 ac-ft of water (75% of capacity, 106% of average or 100% 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

All the following yields are the 50% exceedance forecasts from April through September. Yellowstone at Lake Outlet is 690,000 ac-ft (86% of average). Yellowstone at Corwin Springs will yield around 1,840,000 ac-ft (93% of average). Yellowstone near Livingston will yield around 2,100,000 ac-ft (92% of average). Hebgen Reservoir inflow is 430,000 ac-ft (86% of average). See the following page for detailed runoff volumes.

UPPER YELLOWSTONE & MADISON RIVER BASINS

Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
YELLOWSTONE at Lake Outlet							
APR-JUL	375	460	515	87	570	655	590
APR-SEP	505	615	690	86	765	875	805
YELLOWSTONE RIVER at Corwin Springs							
APR-JUL	1250	1410	1530	93	1650	1810	1650
APR-SEP	1510	1710	1840	93	1970	2170	1970
YELLOWSTONE RIVER near Livingston							
APR-JUL	1530	1670	1770	93	1870	2010	1900
APR-SEP	1820	1990	2100	92	2210	2380	2280
HEBGEN Reservoir Inflow							
APR-JUL	260	305	335	86	365	410	390
APR-SEP	345	395	430	86	465	515	500

* 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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

UPPER YELLOWSTONE & MADISON RIVER BASINS

Reservoir Storage (1000AF) End of February

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ENNIS LAKE	41.0	28.2	30.7	31.4
HEBGEN LAKE	377.5	281.8	280.5	265.2

UPPER YELLOWSTONE & MADISON RIVER BASINS

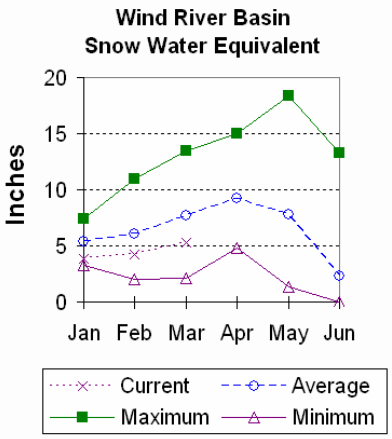
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON RIVER in WY	8	76	83
YELLOWSTONE RIVER in WY	12	81	84

Wind River Basin

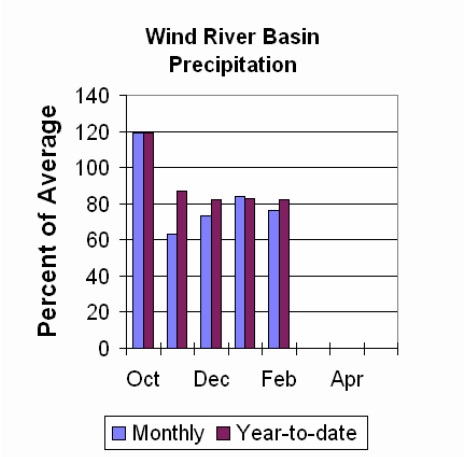
Snow

The Wind River Basin has below average snow water equivalent (SWE) for this time of the year. SWE in the Wind River above Dubois is 71% of average (84% of last year at this time). The Little Wind SWE is 70% of average water content (107% of last year), and the Popo Agie drainage SWE is about 67% of average (82% of last year). The Wind River Basin, above Boysen Reservoir SWE is about 69% of average (86% of last year). See the Basin Summary of Snow Course Data at the front of this report for details.



Precipitation

Last months precipitation in the basin varied from 28-102% of average. Precipitation, for the basin, was about 76% of average from the 8 reporting stations; that is about 92% of last year's amount. Water year-to-date precipitation is 82% of average and about 84% of last year at this time. Year-to-date percentages range from 71-105% of average.



Reservoirs

Current storage varies from 68-93% of average. Usable storage in Bull Lake is currently about 57,800 ac-ft (38% of capacity) - last year the reservoir was at 48% of capacity at this time. Boysen Reservoir is storing about 70% of capacity (419,400 ac-ft) – last year the reservoir was at 89% of capacity at this time. Pilot Butte is at 59% of capacity (18,600 ac-ft) – last year the reservoir was at 79% of capacity at this time. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

Water supply is estimated to be below average this year. The following values reflect the 50% exceedance forecasts for the April through September runoff period. Dinwoody Creek near Burris is 84,000 ac-ft (90% of average). The Wind River above Bull Lake Creek is 430,000 ac-ft (80% of average). Bull Lake Creek near Lenore is 142,000 ac-ft (78% of average). Wind River at Riverton will yield around 480,000 ac-ft (75% of average). Little Popo Agie River near Lander is around 35,000 ac-ft (66% of average). South Fork of Little Wind near Fort Washakie will yield around 63,000 ac-ft (75% of average). Little Wind River near Riverton will yield around 195,000 ac-ft (62% of average). Boysen Reservoir inflow will yield around 500,000 ac-ft (62% of average). See the following page for detailed runoff volumes.

WIND RIVER BASIN
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
DINWOODY CREEK nr Burris							
APR-JUL	40	51	58	87	65	76	67
APR-SEP	62	75	84	90	93	106	94
WIND RIVER abv Bull Lake Cr (2)							
APR-JUL	240	305	350	81	395	460	435
APR-SEP	310	380	430	80	480	550	535
BULL LAKE CR near Lenore (2)							
APR-JUL	74	99	116	78	133	158	148
APR-SEP	89	120	142	78	164	195	182
WIND RIVER at Riverton (2)							
APR-JUL	195	320	405	74	490	615	545
APR-SEP	260	390	480	75	570	700	640
LT POPO AGIE RIVER nr Lander							
APR-JUL	12.1	23	30	65	37	48	46
APR-SEP	16.2	27	35	66	43	54	53
SF LT WIND nr Fort Washakie							
APR-JUL	30	45	55	75	65	80	73
APR-SEP	35	52	63	75	74	91	84
LT WIND RIVER nr Riverton							
APR-JUL	31	117	175	63	235	320	280
APR-SEP	43	135	195	62	255	345	315
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	155	330	450	63	570	745	717
APR-SEP	180	370	500	62	630	820	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

WIND RIVER BASIN
Reservoir Storage (1000AF) End of February

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BULL LAKE	151.8	57.8	72.3	85.4
BOYSEN	596.0	419.4	530.2	571.4
PILOT BUTTE	31.6	18.6	24.9	19.9

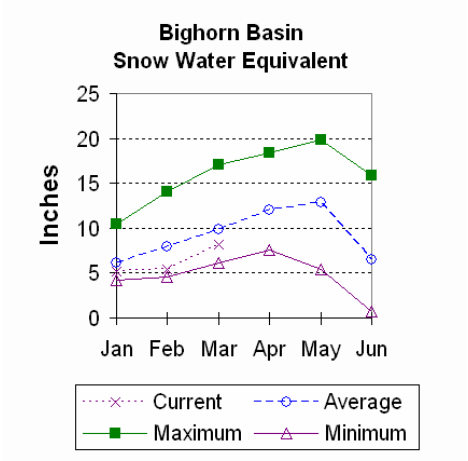
WIND RIVER BASIN
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER above Dubios	7	81	71
LITTLE WIND	2	107	70
POPO AGIE	7	82	67
WIND above Boysen Resv	14	85	69

Bighorn River Basin

Snow

Snowpack in this basin is below average for this time of year. The Nowood River is at 71% of average (78% of last year). The Greybull River SWE is at 75% of average (99% of last year). Shell Creek SWE is 96% of average (110% of last year). The Bighorn River Basin SWE, as a whole, is currently 83% of average (96% of last year). For more information see Basin Summary of Snow Courses at beginning of report.

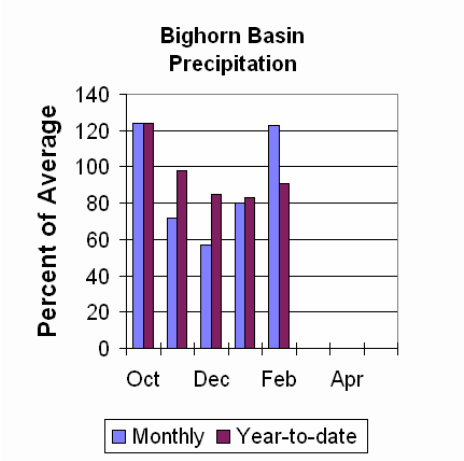


Precipitation

Last month's precipitation was 123% of average (115% of last year). Sites ranged from 25-324% of average for the month. Year-to-date precipitation is 83% of average; that is 90% of last year at this time. Year-to-date percentages, from the 9 reporting stations, range from 65-125%.

Reservoir

Boysen Reservoir is currently storing 419,400 ac-ft (73% of average). Bighorn Lake is now at 93% of average (769,300 ac-ft). Boysen is currently storing 79% of last year volume at this time and Big Horn Lake is storing 93% 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 is 500,000 ac-ft (62% of average); the Greybull River near Meeteetse should yield around 135,000 ac-ft (68% of average); Shell Creek near Shell should yield around 63,000 ac-ft (88% of average) and the Bighorn River at Kane should yield around 750,000 ac-ft (68% of average). See the following page for detailed runoff volumes.

BIGHORN RIVER BASIN
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions Chance of Exceeding * 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	155	330	450	63	570	745	717
APR-SEP	180	370	500	62	630	820	809
GREYBULL RIVER nr Meeteetse							
APR-JUL	69	84	95	64	106	121	148
APR-SEP	101	121	135	68	149	169	200
SHELL CREEK nr Shell							
APR-JUL	42	49	53	88	57	64	60
APR-SEP	52	59	63	88	67	74	72
BIGHORN RIVER at Kane (2)							
APR-JUL	420	575	680	68	785	940	1000
APR-SEP	460	630	750	68	870	1040	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

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

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BOYSEN	596.0	419.4	530.2	571.4
BIGHORN LAKE	1356.0	769.3	829.5	826.3

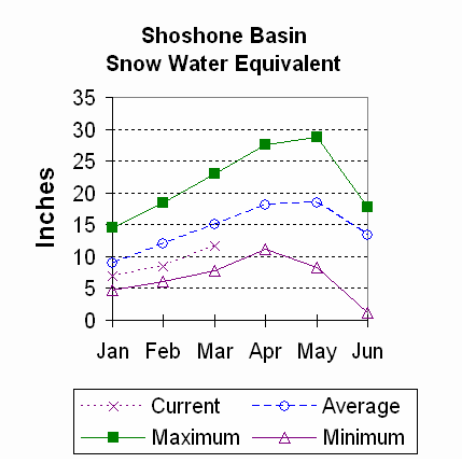
BIGHORN RIVER BASIN
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
NOWOOD RIVER	5	78	71
GREYBULL RIVER	2	99	75
SHELL CREEK	4	110	96
BIGHORN (Boysen-Bighorn)	11	96	83

Shoshone and Clarks Fork River Basin

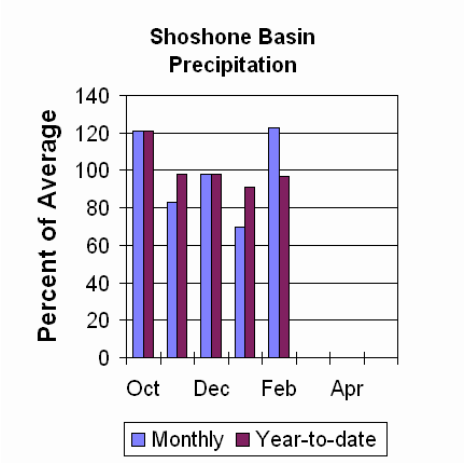
Snow

Snowpack in these basins are below average for this time of year. Snow Water Equivalent (SWE) is 72% of average (88% of last year) in the Shoshone River Basin. The Clarks Fork River Basin SWE is 82% of average (82% of last year). For more information see the Basin Summary of Snow Course Data at the beginning of this report.



Precipitation

Precipitation for last month was 123% of average (151% of last year). Monthly percentages range from 48-193% of average. The basin year-to-date precipitation is now 97% of average (97% of last year). Year-to-date percentages range from 77-140% of average.



Reservoir

Current storage in Buffalo Bill Reservoir is about 109% of average (94% of last year's storage) – the reservoir is at about 69% of capacity. Currently, about 444,100 ac-ft are stored in the reservoir compared to 473,000 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 following values are the 50% exceedance forecasts for the April through September period. The North Fork Shoshone River at Wapiti is 450,000 ac-ft (87% of average). The South Fork of the Shoshone River near Valley is 182,000 ac-ft (69% of average), and the South Fork above Buffalo Bill Reservoir runoff is 155,000 ac-ft (69% of average). The Buffalo Bill Reservoir inflow is expected to yield around 635,000 ac-ft (79% of average). The yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be around 505,000 ac-ft (85% of average). See the following page for detailed runoff volumes.

SHOSHONE & CLARKS FORK RIVER BASINS
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NF SHOSHONE RIVER at Wapiti							
APR-JUL	335	375	400	87	425	465	460
APR-SEP	375	420	450	87	480	525	520
SF SHOSHONE RIVER nr Valley							
APR-JUL	113	140	159	71	178	205	225
APR-SEP	127	160	182	69	205	235	265
SF SHOSHONE RIVER abv Buffalo Bill							
APR-JUL	70	118	150	70	182	230	215
APR-SEP	67	119	155	69	191	245	225
BUFFALO BILL DAM Inflow (2)							
APR-JUL	425	510	565	79	620	705	720
APR-SEP	485	575	635	79	695	785	805
CLARKS FORK RIVER nr Belfry							
APR-JUL	380	435	470	87	505	560	540
APR-SEP	410	465	505	85	545	600	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

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

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BUFFALO BILL	646.6	444.1	473.0	405.8

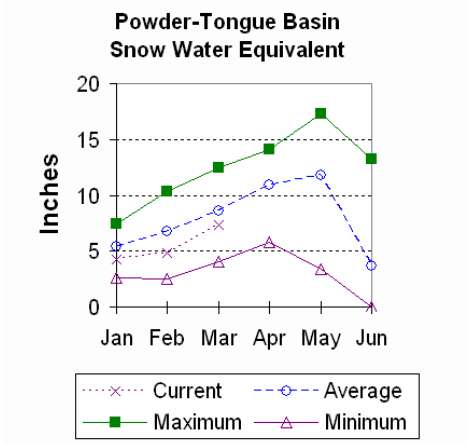
SHOSHONE & CLARKS FORK RIVER BASINS
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SHOSHONE RIVER	6	88	72
CLARKS FORK in WY	7	82	82

Powder and Tongue River Basins

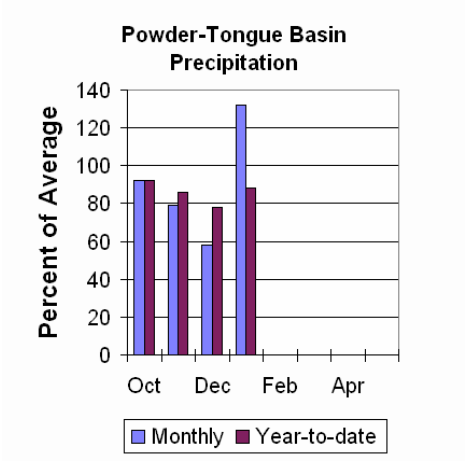
Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 94% of average (108% of last year). The Goose Creek drainage is 82% of average and 100% of last year. SWE in the Clear Creek drainage is 70% of average and 87% of last year. Crazy Woman Creek drainage is 65% of average and 83% of last year. Upper Powder River drainage SWE is 79% of average and 82% of last year. Powder River basin SWE, in Wyoming is 75% of average and 84% of last year. For more information see Basin Summary of Snow Courses at beginning of report.



Precipitation

Last month's precipitation was 132% of average for the 9 reporting stations (117% of last year). Monthly percentages range from 27-171% of average. Year-to-date precipitation is 88% of average in the basin; this is 90% of last year at this time. Precipitation for the year ranges from 52-107% of average at the reporting stations.



Reservoir

Tongue River Reservoir current storage is 51,500 ac-ft, which is 65% of capacity or 209% of average.

Streamflow

The following runoff values are the 50% probability forecasts for the April through September period. The yield for Tongue River near Dayton is 98,000 ac-ft (90% of average). Big Goose Creek near Sheridan is 50,000 ac-ft (83% of average). Little Goose Creek near Bighorn is 36,000 ac-ft (86% of average). The Tongue River Inflow is 200,000 ac-ft (80% of average). The Middle Fork of the Powder River near Barnum is 11,600 ac-ft (62% of average). The North Fork of the Powder River near Hazelton should yield around 7,900 ac-ft (76% of average). Rock Creek near Buffalo will yield about 14,200 ac-ft (59% of average), and Piney Creek at Kearny should yield about 36,000 ac-ft (69% of average). The Powder River at Moorehead is 173,000 ac-ft (65% of average). The Powder River near Locate is 205,000 ac-ft (61% of average). See the following page for detailed runoff volumes.

POWDER & TONGUE RIVER BASINS

Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions Chance of Exceeding * 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
TONGUE RIVER nr Dayton (2)							
APR-JUL	58	75	86	90	97	114	96
APR-SEP	68	86	98	90	110	128	109
BIG GOOSE CREEK nr Sheridan							
APR-JUL	19.0	33	42	81	51	65	52
APR-SEP	27	41	50	83	59	73	60
LITTLE GOOSE CREEK nr Big Horn							
APR-JUL	16.7	23	28	82	33	39	34
APR-SEP	23	31	36	86	41	49	42
TONGUE RIVER RESERVOIR Inflow (2)							
APR-JUL	86	142	180	82	218	273	220
APR-SEP	100	159	200	80	240	300	250
MIDDLE FORK POWDER nr Barnum							
APR-JUL	4.4	8.5	11.3	64	14.1	18.2	17.8
APR-SEP	4.4	8.7	11.6	62	14.5	18.8	18.7
NORTH FORK POWDER nr Hazelton							
APR-JUL	4.9	6.3	7.3	76	8.3	9.7	9.6
APR-SEP	5.3	6.9	7.9	76	8.9	10.5	10.4
ROCK CREEK nr Buffalo							
APR-JUL	5.6	8.8	11.0	55	13.2	16.4	19.9
APR-SEP	8.6	11.9	14.2	59	16.5	19.8	24
PINEY CREEK at Kearny							
APR-JUL	7.7	23	34	69	45	60	49
APR-SEP	9.2	25	36	69	47	63	52
POWDER RIVER at Moorehead							
MAR-JUL	43	112	158	66	205	275	240
MAR-SEP	58	126	173	65	220	290	265
POWDER RIVER near Locate							
MAR-JUL	111	159	192	62	223	273	310
MAR-SEP	117	169	205	61	240	295	335

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

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(2) - The value is natural volume - actual volume may be affected by upstream water management.

(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

POWDER & TONGUE RIVER BASINS

Reservoir Storage (1000AF) End of February

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
TONGUE RIVER	79.1	51.5	42.4	24.6

POWDER & TONGUE RIVER BASINS

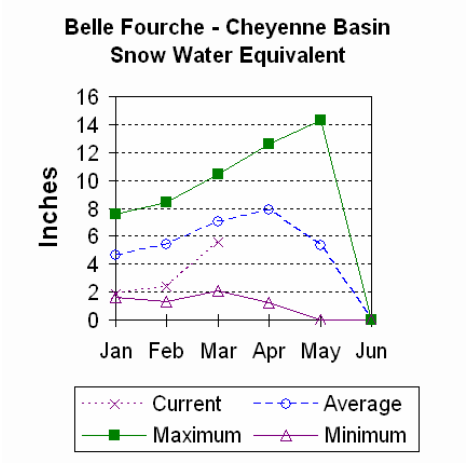
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER TONGUE RIVER	10	108	94
GOOSE CREEK	3	100	82
CLEAR CREEK	4	87	70
CRAZY WOMAN CREEK	3	83	65
UPPER POWDER RIVER	4	82	79
POWDER RIVER in WY	8	84	75

Belle Fourche and Cheyenne River Basins

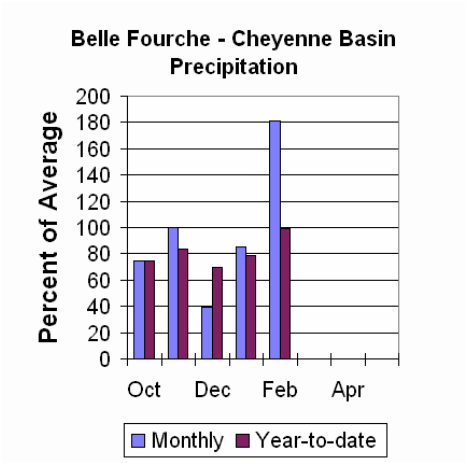
Snow

The Belle Fourche River Basin is currently at 80% of average or 72% of last year at this time. See the Basin summary of Snow Course Data at the beginning of this report for a detailed listing.



Precipitation

Precipitation for last month was 181% of average or 123% of last year in the Black Hills. There were 2 reporting stations. Monthly percentages range from 109-215%. Year-to-date precipitation is 99% of average and 90% of last year's amount.



Reservoir

Current reservoir storage is around 57% of average in the basin. Angostura is currently storing 42% of average (42,500 ac-ft), about 35% of capacity. Belle Fourche reservoir is storing 69% of average (78,100 ac-ft), about 44% of capacity. Deerfield reservoir is storing 87% of average (11,500 ac-ft), about 76% of capacity. Keyhole reservoir is storing 52% of average (54,800 ac-ft), 28% of capacity. Pactola reservoir is storing 67% of average (31,000 ac-ft), 56% of capacity. Shadehill reservoir is storing 56% of average (28,100 ac-ft), 35% 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% probability forecasts for the April through July period. The Deerfield Reservoir Inflow is 4,300 ac-ft (84% of average). Pactola Reservoir Inflow is expected to yield around 17,000 ac-ft (74% of average). See the following page for detailed runoff volumes.

BELLE FOURCHE & CHEYENNE RIVER BASINS
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions === Chance of Exceeding * 50% (1000AF)	50% (% AVG.)	Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
DEERFIELD RESERVOIR Inflow							
MAR-JUL	1.9	4.0	5.4	89	6.9	9.0	6.1
APR-JUL	1.4	3.2	4.3	84	5.4	7.1	5.1
PACTOLA RESERVOIR Inflow							
MAR-JUL	1.8	12.0	18.7	72	25	36	26
APR-JUL	0.9	10.6	17.0	74	23	33	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

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

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ANGOSTURA	122.1	42.5	51.4	101.7
BELLE FOURCHE	178.4	78.1	65.3	113.0
DEERFIELD	15.2	11.5	11.5	13.2
KEYHOLE	193.8	54.8	72.8	105.9
PACTOLA	55.0	31.0	35.5	46.0
SHADEHILL	81.4	28.1	33.9	50.0

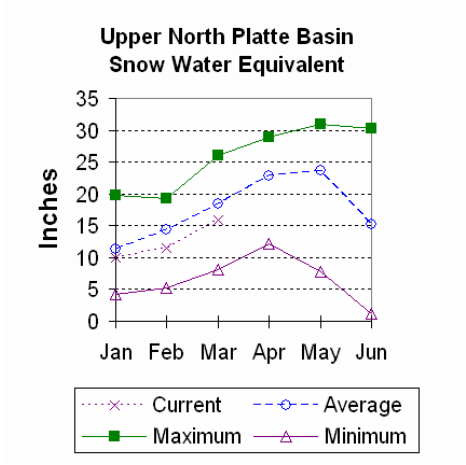
BELLE FOURCHE & CHEYENNE RIVER BASINS
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BELLE FOURCHE	8	69	80

Upper North Platte River Basin

Snow

SWE above Seminoe Reservoir is showing about 86% of average for this time of the year (77% of last year). SWE in the drainage area above Northgate is about 89% of average and 80% of last year at this time. SWE in the Encampment River drainage is about 79% of average and 67% of last year. Brush Creek SWE for the year is about 89% of average and 79% of last year's SWE. Medicine Bow and Rock Creek drainages SWE are about 79% of average and 73% of last year at this time. For more information see Basin Summary of Snow Courses at the beginning of this report.

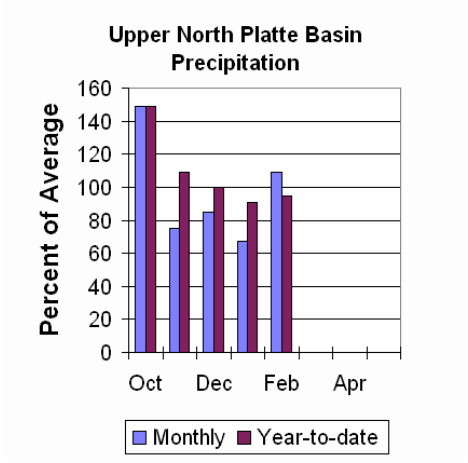


Precipitation

Eight reporting stations indicate last month's precipitation at 109% of average or 134% of last year's amount. Precipitation varied from 2-132% of average last month. Total water-year-to-date precipitation is about 95% of average for the basin, which is about 77% of last year's amount. Year to date percentage ranges from 50-114% of average.

Reservoirs

Seminoe Reservoir is estimated to be storing 264,600 ac-ft or 26% of capacity. Seminoe Reservoir is also storing about 50% of average for this time of the year and 66% 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. Yield for the North Platte River near Northgate will be around 240,000 ac-ft (89% of average). The Encampment River near Encampment is 143,000 ac-ft (87% of average). Rock Creek near Arlington is 50,000 ac-ft (88% of average). Sweetwater River near Alcova runoff is 54,000 ac-ft (68% of average). Seminoe Reservoir inflow should be around 730,000 ac-ft (85% of average). See the following table for more detailed information on projected runoff.

UPPER NORTH PLATTE RIVER BASIN
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NORTH PLATTE RIVER nr Northgate							
APR-JUL	108	172	215	88	260	325	245
APR-SEP	119	192	240	89	290	360	270
ENCAMPMENT RIVER nr Encampment							
APR-JUL	86	115	135	87	154	184	156
APR-SEP	91	122	143	87	163	195	165
ROCK CREEK nr Arlington							
APR-JUL	29	39	46	87	54	67	53
APR-SEP	32	43	50	88	58	71	57
SWEETWATER RIVER nr Alcova							
APR-JUL	8.1	33	49	66	66	90	74
APR-SEP	11.2	37	54	68	71	97	80
SEMINOE RESERVOIR Inflow							
APR-JUL	320	530	675	84	815	1030	800
APR-SEP	345	575	730	85	885	1120	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

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

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
SEMINOE	1016.7	264.6	401.0	527.4

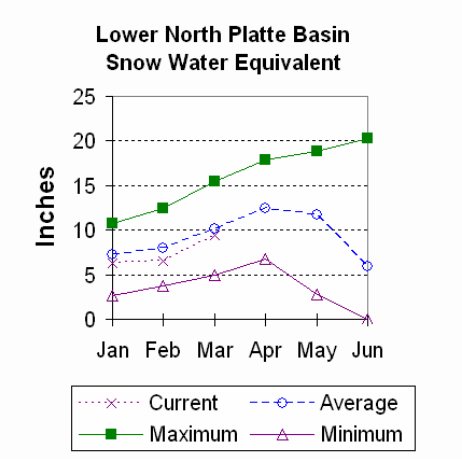
UPPER NORTH PLATTE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
N PLATTE above Northgate	7	80	89
ENCAMPMENT RIVER	4	67	79
BRUSH CREEK	5	79	89
MEDICINE BOW & ROCK CREEKS	3	73	79
N PLATTE above Seminoe	19	77	86

Lower North Platte River Basin

Snow

SWE for the North Platte River Basin is at 86% of average (78% of last year). The Sweetwater drainage SWE is currently at 64% of average (67% of last year). Deer and LaPrele Creeks SWE are at 91% of average (76% of last year). SWE for the North Platte above the Laramie River drainage is 84% of average (76% of last year). SWE for the Laramie River above Laramie is 104% of average (97% of last year). SWE for the Little Laramie River is 95% of average (80% of last year). The Laramie River above mouth, SWE is 98% of average (91% of last year). For more information see Basin Summary of Snow Courses at the beginning of this report.

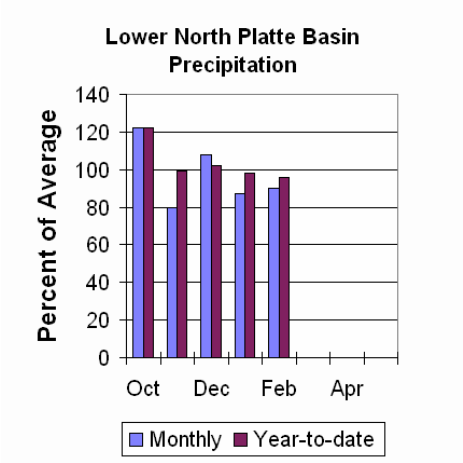


Precipitation

Last month's precipitation was 90% of average or 89% of last year's amount. Of the 8 reporting stations, percentages for the month range from 25-163%. The water year-to-date precipitation for the basin is currently 96% of average (84% of last year). Year-to-date percentages range from 36-147%.

Reservoir

The Lower North Platte River basin reservoir storage is below average at 55%. Reservoir storage is as follows: Alcova 156,300 ac-ft (100% of average); Glendo 300,300 ac-ft (79% of average); Guernsey 14,600 ac-ft (103% of average); Pathfinder 245,600 ac-ft (34% of average); Seminoe 264,600 ac-ft (50% of average); and Wheatland #2 24,500 ac-ft (51% of average).



Streamflow

The following yields are based on the 50% exceedance forecasts for the April through September period. The Sweetwater near Alcova is forecast to yield about 54,000 ac-ft (68% of average). Deer Creek at Glenrock is forecast to yield 25,000 ac-ft (61% of average). LaPrele Creek above the reservoir is forecast to yield 13,900 ac-ft (58% of average). Alcova to Orin Gain is forecast to yield 103,000 ac-ft (64% of average). North Platte River below Guernsey Reservoir is 780,000 ac-ft (79% of average), and below Glendo Reservoir is anticipated to yield around 810,000 ac-ft (80% of average). Laramie River near Woods Landing should yield around 140,000 ac-ft (104% of average). The Little Laramie near Filmore should produce about 54,000 ac-ft (84% of average). See the following table for more detailed information on projected runoff.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
SWEETWATER RIVER nr Alcova							
APR-JUL	8.1	33	49	66	66	90	74
APR-SEP	11.2	37	54	68	71	97	80
DEER CREEK at Glenrock							
APR-JUL	10.6	18.0	23	61	28	35	38
APR-SEP	12.3	19.9	25	61	30	38	41
LaPRELE CREEK abv Reservoir							
APR-JUL	3.4	8.6	13.6	57	19.7	31	24
APR-SEP	3.4	8.9	13.9	58	20	31	24
NORTH PLATTE - Alcova to Orin Gain							
APR-JUL	21	61	98	65	146	235	152
APR-SEP	27	66	103	64	148	230	161
NORTH PLATTE RIVER blw Glendo Res							
APR-JUL	500	660	765	80	870	1030	960
APR-SEP	500	670	780	79	890	1060	990
NORTH PLATTE RIVER blw Guernsey Res							
APR-JUL	445	640	775	80	910	1100	970
APR-SEP	470	670	810	80	950	1145	1010
LARAMIE RIVER nr Woods							
APR-JUL	77	107	127	103	148	177	123
APR-SEP	85	117	140	104	162	194	135
LITTLE LARAMIE RIVER nr Filmore							
APR-JUL	30	42	50	85	58	71	59
APR-SEP	32	45	54	84	63	77	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

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

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ALCOVA	184.3	156.3	156.6	155.6
GLENDO	506.4	300.3	286.7	381.4
GUERNSEY	45.6	14.6	15.4	14.2
PATHFINDER	1016.5	245.6	290.0	712.4
SEMINOE	1016.7	264.6	401.0	527.4
WHEATLAND #2	98.9	24.5	48.0	47.7

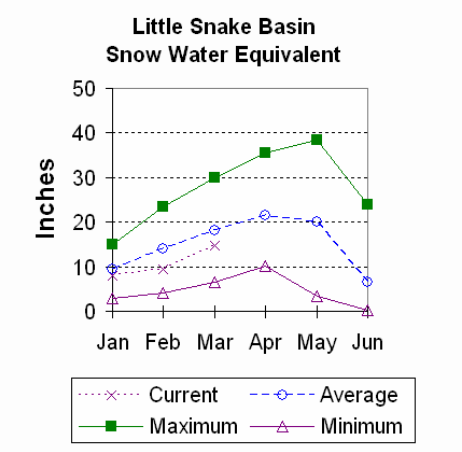
LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SWEETWATER	4	67	64
DEER & LaPRELE CREEKS	3	76	91
N PLATTE abv Laramie R.	26	76	84
LARAMIE RIVER abv Laramie	10	97	104
LITTLE LARAMIE RIVER	5	80	95
LARAMIE RIVER above mouth	13	91	98
NORTH PLATTE	32	78	86

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 82% of average (71% of last year). For more information see Basin Summary of Snow Courses at beginning of this report.

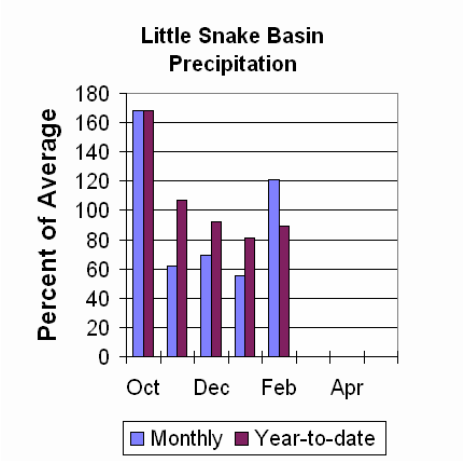


Precipitation

Precipitation across the basin was above average this past month. Last Month's precipitation was 121% of average (151% of last year) for the 5 reporting stations. Last month's precipitation ranged from 93-151% of average. The Little Snake River basin water-year-to-date precipitation is currently 89% of average (73% of last year). Year-to-date percentages range from 85-95 of average.

Reservoir

High Savery Dam - Pending



Streamflow

The 50% exceedance forecast for the Little Snake River drainage is expected to be below average this year. Stream yields are based on the 50% exceedance forecast for the April through July period. The Little Snake River near Slater should yield around 112,000 ac-ft (70% of average). The Little Snake River near Dixon is estimated to yield around 235,000 ac-ft (71% of average). See the following table for more detailed information on projected runoff.

LITTLE SNAKE RIVER BASIN
Streamflow Forecasts - March 1, 2007

	<=== Drier ===	Future	Conditions	=== Wetter ===>		
Forecast Pt	Chance of Exceeding *					
Forecast Period	90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Little Snake River nr Slater							
APR-JUL	75	96	112	70	129	157	159
Little Snake River nr Dixon							
APR-JUL	138	193	235	71	281	357	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

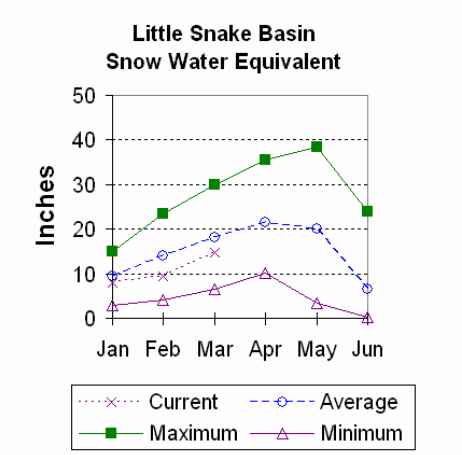
LITTLE SNAKE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LITTLE SNAKE RIVER	8	71	82

Upper Green River Basin

Snow

Snow water equivalent (SWE) is below average in the Upper Green River drainage this year. The Green River Basin SWE above Warren Bridge is at 69% (68% of last year). SWE on the west side of the Upper Green River Basin is about 74% of average (62% of last year). Newfork River Basin SWE is now about 69% of average (62% of last year). Big Sandy-Eden Valley Basin is at 69% or 67% of last year. SWE in the Green River Basin above Fontenelle Reservoir is about 72% of average (63% of last year). For more information see the Basin Summary of Snow Courses at the beginning of this report.

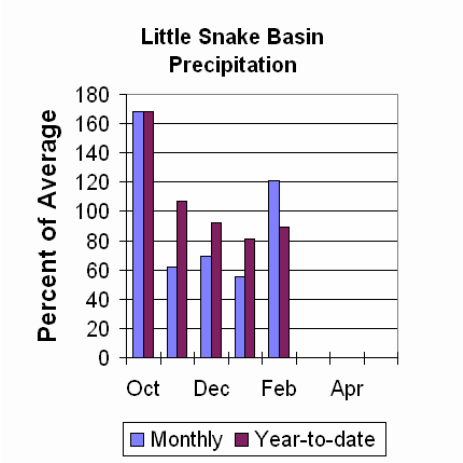


Precipitation

The 11 reporting precipitation sites in the basin were 86% of average last month (104% of last year). Last month's precipitation varied from 44-115% of average. Water year-to-date precipitation is about 82% of average (73% of last year). Year to date percentage of average ranges from 72-104% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 14,200 ac-ft or 37% of capacity. This is 74% of average. Eden Reservoir - No Report. Fontenelle Reservoir is 126,700 ac-ft or 37% of capacity This is 81% of average for the 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 below average. The yield on the Green River at Warren Bridge is around 200,000 ac-ft (76% of average). Pine Creek above Fremont Lake is 81,000 ac-ft (78% of average). New Fork River near Big Piney is 270,000 ac-ft (68% of average). Fontenelle Reservoir Inflow is estimated to be 575,000 ac-ft (67% of average), and Big Sandy near Farson is expected to be around 40,000 ac-ft (69% of average). See the following table for more detailed information on projected runoff.

UPPER GREEN RIVER BASIN
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions === Wetter ===> Chance of Exceeding * 50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Green River at Warren Bridge							
APR-JUL	155	181	200	76	220	251	265
Pine Creek abv Fremont Lake							
APR-JUL	67	75	81	78	87	96	104
New Fork River nr Big Piney							
APR-JUL	183	233	270	68	310	374	395
Fontenelle Reservoir Inflow							
APR-JUL	355	480	575	67	679	848	860
Big Sandy River nr Farson							
APR-JUL	28	35	40	69	46	55	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

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

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BIG SANDY	38.3	14.2	31.8	19.1
EDEN		NO REPORT		
FONTENELLE	344.8	126.7	146.0	156.1

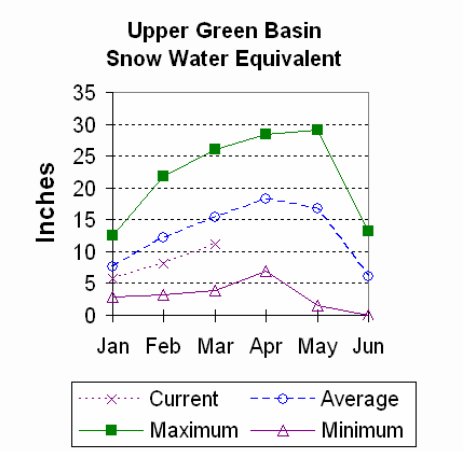
UPPER GREEN RIVER BASIN
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
GREEN above Warren Bridge	4	68	69
UPPER GREEN (West Side)	7	62	74
NEWFORK RIVER	3	62	69
BIG SANDY/EDEN VALLEY	2	67	69
GREEN above Fontenelle	14	63	72

Lower Green River Basin

Snow

SWE in the Hams Fork Basin is 76% of average (62% of last year). Blacks Fork Basin SWE is currently 77% of average (66% of last year). The Henrys Fork drainage is at 98% of average (101% of last year). SWE in the Green River Basin above Flaming Gorge is 75% of average (66% of last year). For more information see Basin Summary of Snow Courses at beginning of this report.

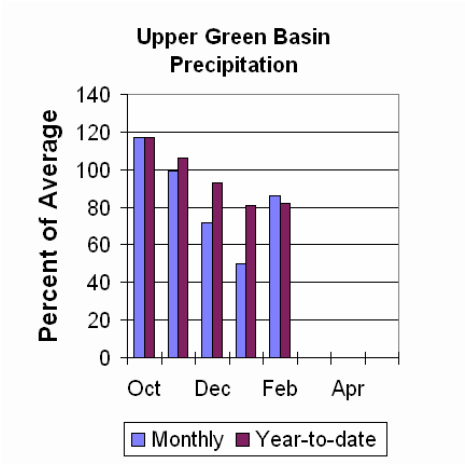


Precipitation

Precipitation was above average for the 3 reporting stations during last month at 103% of average or 125% of last year. Precipitation ranged from 56-138% of average for the month. The basin year-to-date precipitation is currently 75% of average (65% of last year). Year-to-date percentages range from 72-136%.

Reservoirs

Fontenelle Reservoir is currently storing 126,700 ac-ft; this is 81% of average (87% of last year). Flaming Gorge is currently storing 3,110,000 ac-ft; this is 107% of average (103% of last year). Viva Naughton is storing 32,800 ac-ft or 77% of capacity: this is 113% of average.



Streamflow

The 50% exceedance forecasts for the April through July runoff period in the Lower Green River Basin are forecast below average. The Green River near Green River is forecast to yield about 585,000 ac-ft (67% of average). The Blacks Fork near Robertson is forecast to yield 76,000 ac-ft (80% of average). East Fork of Smiths Fork near Robertson is forecast to yield 22,000 ac-ft (76% of average). Hams Fork below Pole Creek near Frontier is 40,000 ac-ft (62% of average). The Hams Fork Inflow to Viva Naughton Reservoir is 52,000 ac-ft (58% of average). The Flaming Gorge Reservoir inflow will be about 710,000 ac-ft (60% of average). See the following table for more detailed information on projected runoff.

LOWER GREEN RIVER BASIN
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Green River nr Green River, WY (2)							
APR-JUL	364	489	585	67	689	858	875
Blacks Fork nr Robertson							
APR-JUL	51	65	76	80	88	106	95
EF of Smiths Fork nr Robertson							
APR-JUL	13.4	18.3	22	76	26	33	29
Hams Fk blw Pole Ck nr Frontier							
APR-JUL	24	33	40	62	48	60	65
Hams Fork Inf to Viva Naughton Res							
APR-JUL	29	42	52	58	63	82	89
Flaming Gorge Reservoir Inflow (2)							
APR-JUL	382	565	710	60	872	1140	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

LOWER GREEN RIVER BASIN
Reservoir Storage (1000AF) End of February

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
FONTENELLE	344.8	126.7	146.0	156.1
FLAMING GORGE	3749.0	3110.0	3034.0	2919.0
VIVA NAUGHTON RES	42.4	32.8	30.6	29.1

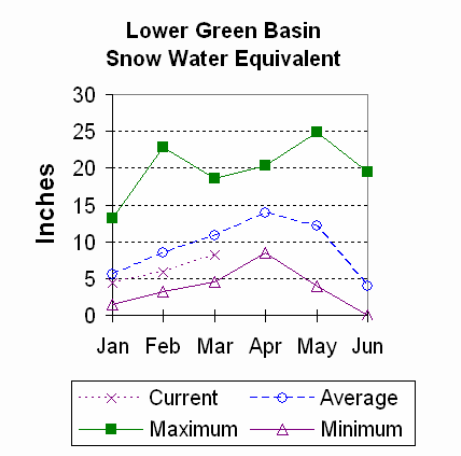
LOWER GREEN RIVER BASIN
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HAMS FORK RIVER	4	62	76
BLACKS FORK	5	66	77
HENRYS FORK	3	101	98
GREEN above Flaming Gorge	26	66	75

Upper Bear River Basin

Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 84% of average; that is about 73% of last year at this time. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 77% of average (64% of last year). Bear River Basin SWE, above the Idaho State line, is 77% of average and 65% of last year. See the Basin Summary of Snow Course Data at the beginning of this report for more detailed information.

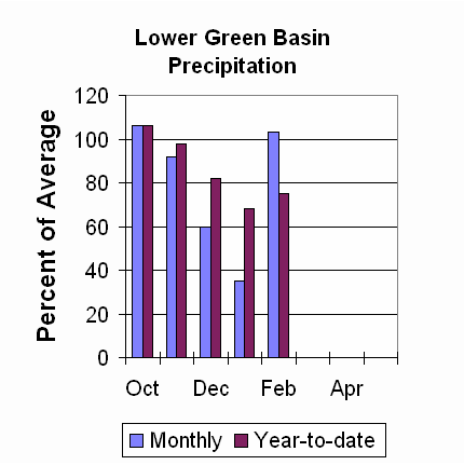


Precipitation

Precipitation for last month was 100% of average for the 2 reporting stations; this is 138% of the precipitation received last year. The year-to-date precipitation, for the basin, is 77% of average; this is 70% of last year's amount.

Reservoir

Storage, in Woodruff Narrows reservoir, is about 48,200 ac-ft (175% of average). Current reservoir storage is about 84% of capacity. Reservoir storage last year at this time was 35,000 ac-ft at this time.



Streamflow

The following 50% exceedance forecasts are for the April through September period. The Bear River near the Utah-Wyoming State Line is 107,000 ac-ft (86% of average). The Bear River above Reservoir near Woodruff is 109,000 ac-ft (77% of average). The Smiths Fork River near Border is 83,000 ac-ft (69% of average). See the following table for more detailed information on projected runoff.

UPPER BEAR RIVER BASIN
Streamflow Forecasts - March 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Bear River nr UT-WY State Line							
APR-JUL	70	86	97	86	109	128	113
APR-SEP	76	94	107	86	121	143	125
Bear River ab Reservoir nr Woodruff							
APR-JUL	52	81	105	77	132	176	136
APR-SEP	53	84	109	77	138	185	142
Smiths Fork nr Border							
APR-JUL	47	60	70	68	81	98	103
APR-SEP	57	72	83	69	95	114	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. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

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

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
WOODRUFF NARROWS	57.3	48.2	35.0	27.6

UPPER BEAR RIVER BASIN
Watershed Snowpack Analysis - March 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER BEAR RIVER in Utah	7	73	84
SMITHS & THOMAS FORKS	4	64	77
BEAR RIVER abv ID line	9	65	77
NORTHWEST	75	77	78
NORTHEST	23	94	86
SOUTHEAST	36	75	84
SOUTHWEST	35	68	77

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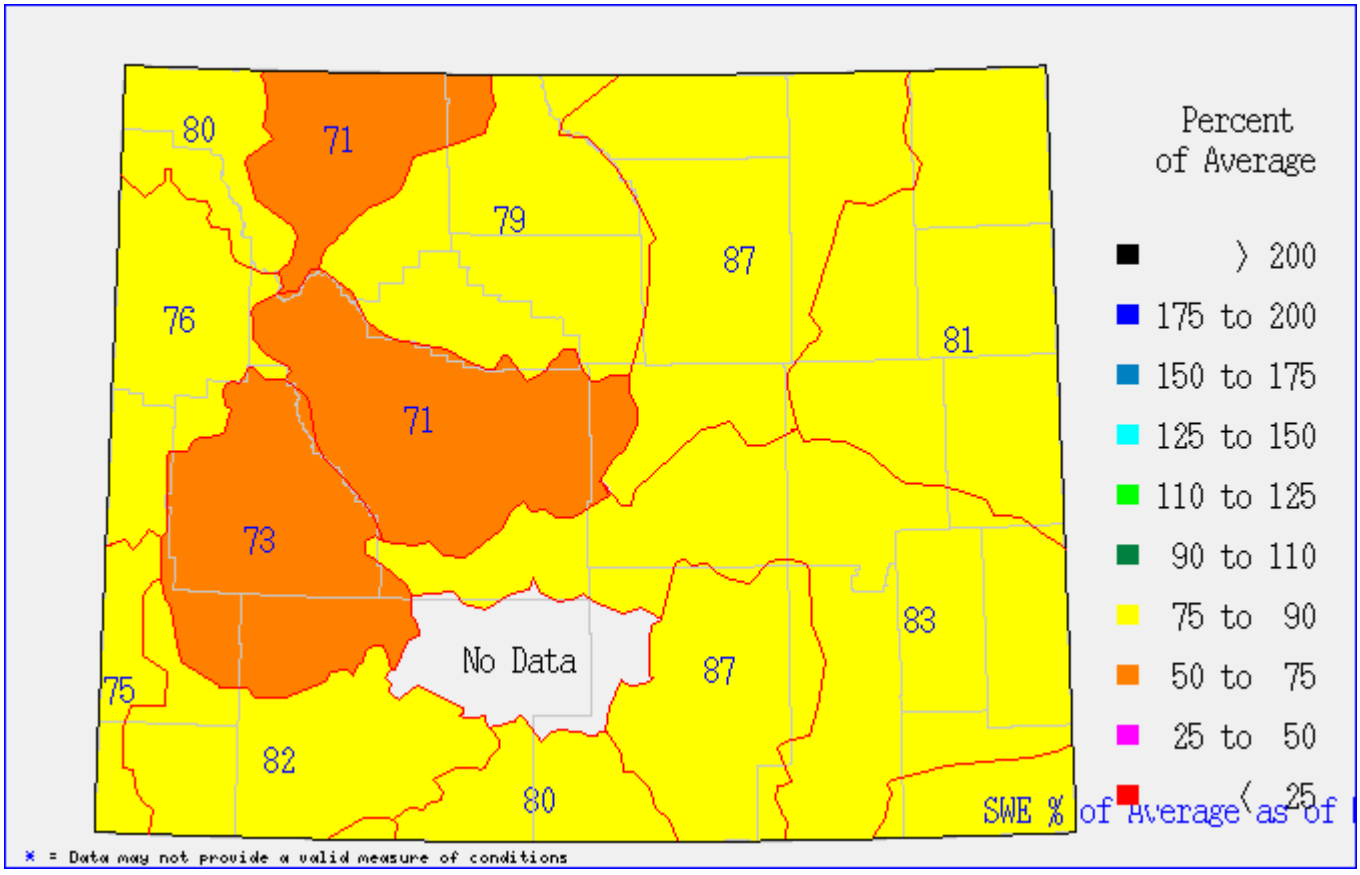

Wyoming
Basin Outlook Report

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