United States
Department of
Agriculture

**Natural
Resources
Conservation
Service**

Wyoming
Basin Outlook Report
February 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. Storms have covered Wyoming with snow, sporadically so far. SWE for the State of Wyoming as a whole is 72% of average for early February. Precipitation for last month in the basins varied from 35% of average to 130% of average for the State. Year-to-date precipitation is also below average for the year and varies from 68-98% of average in the basins. Basin reservoir levels for Wyoming vary from 3-215% of average for an overall average of 89%. Forecasted runoff varies from 48-107% of average across Wyoming.

Snowpack

Snow water equivalent (SWE), across Wyoming is below average for this time of year at 72%. SWE in the NW portion of Wyoming is now about 71% of average (66% of last year). The NE Wyoming SWE is currently about 70% of average (84% of last year). The SE portion of Wyoming SWE is currently about 77% of average (63% of last year). The SW portion of Wyoming SWE is about 68% of average (56% 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 35% of average. The Belle Fourche & Cheyenne River Basin has the highest precipitation amount at 130% 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	-46%	Upper North Platte River	-30%
Yellowstone & Madison	-35%	Lower North Platte	-13%
Wind River	-16%	Little Snake River	-45%
Big Horn	-20%	Upper Green River	-50%
Shoshone & Clarks Fork	-30%	Lower Green River	-65%
Powder & Tongue River	-15%	Upper Bear River	-61%
Belle Fourche & Cheyenne	+30%		

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 76% (varying from 48-107% of average). The Snake River and Upper Yellowstone & Madison River Basins are expected to yield about 76 and 88% of average, respectively -- 69-90% of average for the various forecast points in the basins. Yields from the Wind and Bighorn River Basins are expected to be about 65 and 70% of average, respectively -- varying from 60-89% of average in the basins. Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 80% of average -- varying from 65-89% of average. Yields from the Powder & Tongue River Basins are expected to be about 48 & 90% of average, respectively -- varying from 48-83% of average. Yields for the Belle Fourche & Cheyenne River Basins are expected to be about 80 & 74% of average, respectively. Yields for the Upper and Lower North Platte River of Wyoming are expected to be about 81 and 77% of average, respectively --

varying from 59-102% of average. Yields for the Little Snake, Green River, and Little Bear of Wyoming are expected to be 62, 68 and 63% of average respectively -- yield estimates vary from 58-83% of average.

Reservoirs

Eden reservoir did not report. Reservoirs on the North Platte River are well below average at 53% of average. Most of the reservoirs in the northeast are below average in storage at 58%. Reservoirs in the Wind River Basin are below average at 69%. Reservoirs on the Big Horn are below average at 82%. The Buffalo Bill Reservoir on the Shoshone is above average at 107%. Reservoirs on the Green River are above average at 103%. Reservoir storage varies across the state at this time; however, reservoir storage is at 89% 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	101	100
ANGOSTURA	33	41	80	41	82
BELLE FOURCHE	39	32	57	68	119
BIG SANDY	37	65	49	76	57
BIGHORN LAKE	57	64	63	90	89
BOYSEN	71	91	99	71	78
BUFFALO BILL	69	73	64	107	94
BULL LAKE	38	47	57	68	81
DEERFIELD	76	78	84	90	97
EDEN			NO REPORT		
ENNIS LAKE	64	73	76	83	87
FLAMING GORGE	83	81	79	105	102
FONTENELLE	44	49	53	83	90
GLENDO	52	51	66	79	103
GRASSY LAKE	80	53	78	103	149
GUERNSEY	28	30	20	140	94
HEBGEN LAKE	77	74	71	109	104
JACKSON LAKE	75	48	58	130	157
KEYHOLE	28	37	53	53	74
PACTOLA	56	64	83	68	88
PALISADES	70	61	74	95	115
PATHFINDER	24	28	67	35	84
PILOT BUTTE	2	79	63	3	2
SEMINOE	26	40	56	47	66
SHADEHILL	37	42	60	61	88
TONGUE RIVER	62	0	29	215	0
VIVA NAUGHTON RES	79	76	71	110	103
WHEATLAND #2	22	47	46	48	46
WOODRUFF NARROWS	82	59	44	187	138
TOTAL OF 28 RESERVOIRS	62	62	70	89	99
Raw KAF Totals Current=	8249	Last Year=	8303	Average=	9262 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

FEBRUARY 1 2007

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and SNOTEL Stations						
ALBANY	9400	1/30/07	33	8.1	10.8	9.5
ASTER CREEK	7750	1/31/07	44	12.9	24.8	19.6
BALD MOUNTAIN SNOTEL	9380	2/01/07	46	11.1	10.5	13.5
BASE CAMP SNOTEL	7030	2/01/07	---	9.8	16.5	12.7
BATTLE MTN. SNOTEL	7440	2/01/07	28	4.2	10.2	7.8
BEARLODGE DIVIDE	4680	1/29/07	4	.4	.6	1.8
BEARTOOTH LK. SNOTEL	9280	2/01/07	45	12.1	16.8	16.2
BEAR TRAP SNOTEL	8200	2/01/07	18	3.1	3.7	3.5
BIG GOOSE	7760	1/31/07	12	2.5	1.9	4.0
BIG GOOSE SNOTEL	7760	2/01/07	20	4.0	4.0	6.0
BIG PARK	8620	1/31/07	38	9.7	14.3	12.3
BIG SANDY SNOTEL	9080	2/01/07	32	7.1	11.3	9.5
BLACKWATER SNOTEL	9780	2/01/07	52	13.0	16.3	16.6
BLIND BULL SNOTEL	8900	2/01/07	48	12.9	20.3	18.4
BLIND PARK SNOTEL	6870	2/01/07	16	2.3	4.7	5.2
BLUE RIDGE	9620	1/30/07	24	5.5	5.1	7.7
BONE SPGS. SNOTEL	9350	2/01/07	43	10.3	8.9	10.6
BROOKLYN LK. SNOTEL	10220	2/01/07	46	11.9	17.6	15.3
BUCK CREEK	7960	1/29/07	24	5.2	8.2	6.3
BURGESS JCT. SNOTEL	7880	2/01/07	31	6.5	6.4	7.4
BURROUGHS CRK SNOTEL	8750	2/01/07	31	8.5	10.2	10.1
CANYON SNOTEL	8090	2/01/07	30	7.0	11.0	8.9
CASPER MTN. SNOTEL	7850	2/01/07	32	7.0	10.8	9.0
CASTLE CREEK	8400	1/29/07	14	2.0	1.7	3.3
CCC CAMP	7000	1/26/07	27	6.2	9.3	8.4
CHALK CK #1 SNOTEL	9100	2/01/07	47	12.0	19.6	15.3
CHALK CK #2 SNOTEL	8200	2/01/07	38	8.6	10.3	9.9
CINNABAR PARK SNOTEL	9690	2/01/07	49	12.9	16.3	9.5
CLOUD PEAK SNOTEL	9850	2/01/07	28	6.7	8.2	8.1
COLE CANYON SNOTEL	5910	2/01/07	10	2.5	3.0	4.5
COLD SPRINGS SNOTEL	9630	2/01/07	20	4.0	3.5	6.0
COTTONWOOD CR SNOTEL	7700	2/01/07	---	10.8	20.5	14.2
CROW CREEK SNOTEL	8830	2/01/07	20	5.9	3.4	5.1
DARBY CANYON	8250	1/30/07	38	10.7	19.2	15.9
DEER PARK SNOTEL	9700	2/01/07	28	6.8	12.6	11.7
DITCH CREEK	6870	1/29/07	8	1.4	1.9	2.8
DIVIDE PEAK SNOTEL	8860	2/01/07	44	11.6	12.7	13.0
DOME LAKE SNOTEL	8880	2/01/07	27	5.8	6.9	7.9
DU NOIR	8760	1/28/07	17	3.3	3.2	5.8
EAST RIM DIV SNOTEL	7930	2/01/07	---	5.3	8.0	8.5
ELBO RANCH	7100	1/29/07	24	5.4	9.8	8.0
ELKHART PARK SNOTEL	9400	2/01/07	---	5.7	10.0	8.8
EVENING STAR SNOTEL	9200	2/01/07	51	14.6	18.6	19.7
FOUR MILE MEADOWS	7860	1/30/07	29	7.3	9.3	8.7
FOXPARK	9060	1/30/07	20	4.4	6.1	4.9
GEYSER CREEK	8500	1/28/07	14	3.0	2.5	4.8
GLADE CREEK	7040	1/31/07	41	10.9	20.8	16.1
GRAND TARGHEE SNOTEL	9260	2/01/07	80	23.7	--	--
GRANITE CRK SNOTEL	6770	2/01/07	---	7.9	16.2	12.4
GRANNIER MEADOWS	8860	1/30/07	25	5.8	7.5	9.1
GRASSY LAKE SNOTEL	7270	2/01/07	57	16.2	28.4	23.0
GRAVE SPRINGS SNOTEL	8550	2/01/07	18	3.8	6.3	5.7
GREYS BOUNDARY	5720	1/26/07	28	6.1	11.3	8.3
GROS VENTRE SNOTEL	8750	2/01/07	32	7.0	9.1	9.5
GROVER PARK DIVIDE	7000	1/26/07	23	4.4	7.4	7.5
HAIRPIN TURN	9480	1/30/07	34	8.8	13.2	11.1
HANSEN S.M. SNOTEL	8360	2/01/07	12	1.7	2.3	4.2

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
HAMS FORK SNOTEL	7840	2/01/07	---	5.3	11.0	8.4
HASKINS CREEK	8980	1/27/07	46	12.7	25.1	19.6
HOBACK GS	6640	1/29/07	23	5.0	8.3	--
HOBBS PARK SNOTEL	10100	2/01/07	29	6.6	7.1	9.8
HUCKLEBERRY DIVIDE	7300	1/31/07	40	11.1	16.9	14.2
INDIAN CREEK SNOTEL	9430	2/01/07	---	11.5	22.9	17.6
JACKPINE CREEK	7350	1/30/07	39	11.3	20.9	14.7
KELLEY R.S. SNOTEL	8180	2/01/07	---	7.4	15.6	10.7
KENDALL R.S. SNOTEL	7740	2/01/07	29	6.5	10.6	9.8
KIRWIN SNOTEL	9550	2/01/07	27	6.3	7.2	7.7
LAKE CAMP	7780	2/02/07	25	5.5	8.8	6.5
LA PRELE SNOTEL	8380	2/01/07	26	5.2	6.3	7.3
LARSEN CREEK	9020	1/30/07	18	3.9	9.3	8.4
LEWIS LAKE SNOTEL	7850	2/01/07	53	16.0	31.5	23.1
LIBBY LODGE	8750	1/30/07	25	5.6	9.5	7.8
LITTLE BEAR RUN	6240	1/29/07	6	.9	2.9	2.6
LITTLE WARM SNOTEL	9370	2/01/07	22	5.3	6.2	7.8
LOOMIS PARK SNOTEL	8240	2/01/07	---	7.2	13.6	11.2
LUPINE CREEK	7380	1/30/07	20	4.3	6.0	6.4
MALLO	6420	1/29/07	16	2.0	5.3	5.2
MARQUETTE SNOTEL	8760	2/01/07	10	1.6	1.3	5.9
MEDICINE LODGE LAKES	9340	1/30/07	22	3.2	5.3	7.5
MIDDLE FORK	7420	1/30/07	13	2.9	1.1	3.8
MIDDLE POWDER SNOTEL	7760	2/01/07	22	4.9	8.6	7.2
MORAN	6750	2/01/07	29	6.6	10.7	9.3
MOSS LAKE	9800	1/29/07	37	9.7	18.2	15.3
NEW FORK SNOTEL	8340	2/01/07	24	5.6	7.7	7.7
NORRIS BASIN	7500	1/29/07	23	6.3	7.2	7.6
NORTH BARRETT CREEK	9400	1/29/07	46	12.1	16.6	12.8
NORTH FRENCH SNOTEL	10130	2/01/07	62	15.2	24.1	18.4
NORTH RAPID CK SNTL	6130	2/01/07	13	3.3	3.9	5.0
NORTH TONGUE	8450	1/30/07	30	7.0	5.2	8.4
OLD BATTLE SNOTEL	9920	2/01/07	54	14.8	27.3	20.0
OLD FAITHFUL	7400	1/30/07	30	7.4	9.5	9.5
ONION GULCH	8780	1/29/07	12	1.8	4.4	5.2
OWL CREEK SNOTEL	8980	2/01/07	19	4.0	1.5	3.4
PARKERS PEAK SNOTEL	9400	2/01/07	45	11.5	13.8	14.8
PHILLIPS BNCH SNOTEL	8200	2/01/07	44	11.7	23.8	18.5
POCKET CREEK	9350	1/30/07	24	5.3	10.5	8.6
POLE MOUNTAIN	8700	1/30/07	31	7.3	3.8	6.1
POWDER RVR.PASS SNTL	9480	2/01/07	22	5.0	6.6	7.2
PURGATORY GULCH	8970	1/27/07	29	7.3	7.7	7.1
RANGER CREEK	8120	1/30/07	19	2.3	3.2	6.2
RENO HILL SNOTEL	8500	2/01/07	37	8.5	10.5	8.4
REUTER CANYON	6280	1/26/07	12	2.1	7.6	6.5
ROWDY CREEK	8300	1/29/07	31	8.0	15.0	14.6
RYAN PARK	8400	1/29/07	31	6.9	9.2	7.4
SAGE CK BASIN SNTL	7850	2/01/07	41	9.1	8.5	7.5
SALT RIVER SNOTEL	7600	2/01/07	---	6.8	11.9	9.2
SAND LAKE SNOTEL	10050	2/01/07	61	15.6	23.2	19.9
SANDSTONE RS SNOTEL	8150	2/01/07	---	5.6	10.9	9.7
SAWMILL DIVIDE	9260	1/31/07	30	7.1	6.2	8.8
SHELL CREEK SNOTEL	9580	2/01/07	36	8.7	8.8	9.9
SHERIDAN R.S.	7750	1/28/07	14	3.0	3.6	4.1
SNAKE RIVER STATION	6920	1/31/07	38	10.4	16.2	14.1
SNAKE RV STA SNOTEL	6920	2/01/07	38	9.8	16.1	12.6
SNIDER BASIN SNOTEL	8060	2/01/07	31	6.7	12.9	9.8
SOLDIER PARK	8780	2/01/07	---	1.7E	3.0	3.5
SOUR DOUGH	8460	2/01/07	---	2.4E	2.7	4.2
SOUTH BRUSH SNOTEL	8440	2/01/07	38	8.2	8.7	7.4
SOUTH PASS SNOTEL	9040	2/01/07	35	8.0	12.0	11.4
SPRING CRK. SNOTEL	9000	2/01/07	46	11.3	23.6	17.4

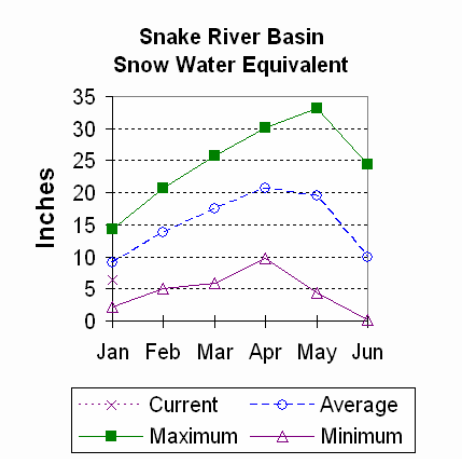
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ST LAWRENCE ALT SNTL	8620	2/01/07	20	3.4	1.7	4.8
SUCKER CREEK SNOTEL	8880	2/01/07	34	7.5	6.9	7.2
SYLVAN LAKE SNOTEL	8420	2/01/07	35	9.2	12.8	15.2
SYLVAN ROAD SNOTEL	7120	2/01/07	28	5.9	8.1	8.8
T CROSS RANCH	7900	1/29/07	18	3.9	4.0	5.3
TETON PASS W.S.	7740	2/01/07	40	11.3	24.0	18.5
THUMB DIVIDE SNOTEL	7980	2/01/07	35	8.0	13.7	11.8
TIE CREEK SNOTEL	6870	2/01/07	15	2.4	3.3	4.0
TIMBER CREEK SNOTEL	7950	2/01/07	12	1.5	.9	3.6
TOGWOTEE PASS SNOTEL	9580	2/01/07	48	12.1	18.4	16.9
TOWNSEND CRK SNOTEL	8700	2/01/07	23	4.5	4.0	5.6
TRIPLE PEAK SNOTEL	8500	2/01/07	45	11.5	22.4	16.6
TURPIN MEADOWS	6900	1/30/07	28	6.9	9.9	7.6
TWO OCEAN SNOTEL	9240	2/01/07	---	15.6	27.7	19.0
TYRELL RANGER STA.	8300	1/29/07	15	1.9	4.4	5.2
UPPER SPEARFISH	6500	1/31/07	13	2.1	5.0	4.7
WEBBER SPRING SNOTEL	9250	2/01/07	45	11.5	19.9	16.1
WHISKEY PARK SNOTEL	8950	2/01/07	50	10.6	25.8	18.5
WILLOW CREEK SNOTEL	8450	2/01/07	---	14.0	24.9	20.2
WINDY PEAK SNOTEL	7900	2/01/07	---	5.1	3.7	4.5
WOLVERINE SNOTEL	7650	2/01/07	22	6.2	7.6	8.6
WOOD ROCK G.S.	8440	1/31/07	22	5.1	4.6	6.5
YOUNTS PEAK SNOTEL	8350	2/01/07	27	7.3	10.9	12.0

(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 72% of average (56% of last year). Pacific Creek Basin SWE is 78% of average (58% of last year). Gros Ventre River Basin SWE is 71% of average (66% of last year). SWE in the Hoback River drainage is 67% of average (60% of last year). SWE in the Greys River drainage is 69% of average (54% of last year). In the Salt River area SWE is 71% of average (57% of last year). SWE in the Snake River Basin above Palisades is 71% of average (57% of last year). See the Basin Summary of Snow Courses at the beginning of this report for a detailed listing of snow course information.

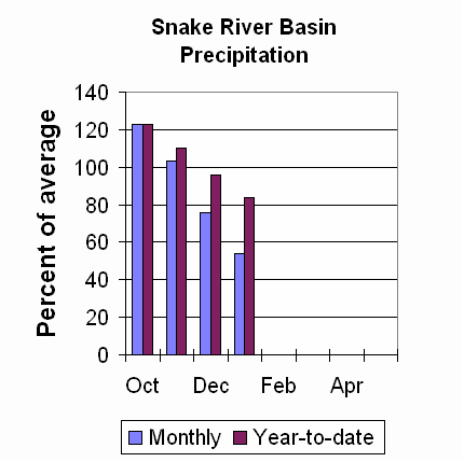


Precipitation

Precipitation across the basin was below average last month. Monthly precipitation for the basin was 54% of average (40% of last year). Last month's percentages range from 25-84% of average. Water-year-to-date precipitation is 84% of average for the Snake River Basin (67% of last year). Year-to-date percentages range from 68-117% of average.

Reservoir

Currently, usable reservoir storage is 106% of average for the three storage reservoirs in the basin. Grassy Lake storage is about 103% of average (12,100 ac-ft compared to 8,100 last year). Jackson Lake storage is 130% of average (635,200 ac-ft compared to 403,400 ac-ft last year). Palisades Reservoir storage is about 95% of average (984,000 ac-ft compared to 858,500 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 725,000 ac-ft (80% of average). Snake above reservoir near Alpine is 2,170,000 ac-ft (80% of average). The Snake near Irwin is 2,950,000 ac-ft (90% of average). The Snake near Heise is 3,150,000 ac-ft (76% of average). Pacific Creek at Moran is 141,000 ac-ft (79% of average). Greys River above Palisades Reservoir is 285,000 ac-ft (72% of average). Salt River near Etna is 290,000 ac-ft (69% of average). See the following page for detailed runoff volumes.

SNAKE RIVER BASIN
Streamflow Forecasts - February 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	510	596	655	80	714	800	815
APR-SEP	565	660	725	80	790	885	905
SNAKE ab resv nr Alpine (1,2)							
APR-JUL	1375	1715	1870	79	2025	2365	2370
APR-SEP	1606	1994	2170	80	2346	2734	2730
SNAKE nr Irwin (1,2)							
APR-JUL	1756	2288	2530	76	2772	3304	3330
APR-SEP	2079	2678	2950	76	3222	3821	3870
SNAKE near Heise (2)							
APR-JUL	2041	2433	2700	76	2967	3359	3560
APR-SEP	2399	2846	3150	76	3454	3901	4160
PACIFIC CREEK at Moran							
APR-JUL	97	118	133	78	148	169	171
APR-SEP	104	126	141	79	156	178	178
GREYS above Palisades							
APR-JUL	167	210	240	71	270	313	340
APR-SEP	202	251	285	72	319	368	395
SALT near Etna							
APR-JUL	125	190	235	69	280	345	340
APR-SEP	163	239	290	69	341	417	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 January

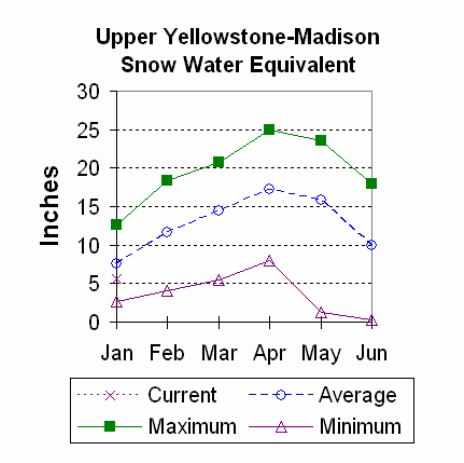
Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
GRASSY LAKE	15.2	12.1	8.1	11.8
JACKSON LAKE	847.0	635.2	403.4	490.1
PALISADES	1400.0	984.0	858.5	1040.3

SNAKE RIVER BASIN
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SNAKE above Jackson Lake	9	56	72
PACIFIC CREEK	3	58	78
GROS VENTRE RIVER	3	64	71
HOBACK RIVER	5	60	67
GREYS RIVER	5	55	70
SALT RIVER	5	57	71
SNAKE above Palisades	28	57	71

Upper Yellowstone & Madison River Basins

Snow



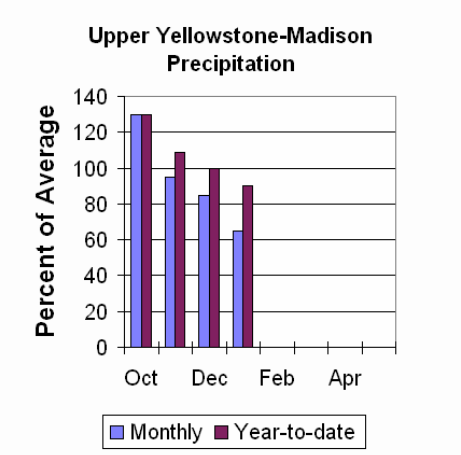
Snowfall in these basins has been slow so far this year and the SWE in both basins is below average for this month. Snow water equivalent (SWE) is about 71% of average (57% of last year) in the Madison drainage. SWE in the Yellowstone drainage is about 74% of average (66% of last year at this time). 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 65% of average (56% of last year) for the 5 reporting stations -- percentages range from 22-84% of average. Water-year-to-date precipitation is about 90% of average (77% of last year's amount). Year to date percentage ranges from 78-137%.

Reservoir

Ennis Lake is storing about 26,100 ac-ft of water (64% of capacity, 83% of average or 87% of last year's volume). Hebgen Lake is storing about 290,900 ac-ft of water (77% of capacity, 109% of average or 104% 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 645,000 ac-ft (80% of average). Yellowstone at Corwin Springs will yield around 1,780,000 ac-ft (90% of average). Yellowstone near Livingston will yield around 2,010,000 ac-ft (88% of average). Hebgen Reservoir inflow is 415,000 ac-ft (83% of average). See the following page for detailed runoff volumes.

UPPER YELLOWSTONE & MADISON RIVER BASINS
Streamflow Forecasts - February 1, 2007

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions === Wetter ===> 50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
YELLOWSTONE at Lake Outlet							
APR-JUL	370	440	490	83	540	610	590
APR-SEP	490	580	645	80	710	800	805
YELLOWSTONE RIVER at Corwin Springs							
APR-JUL	1190	1360	1480	90	1600	1770	1650
APR-SEP	1440	1640	1780	90	1920	2120	1970
YELLOWSTONE RIVER near Livingston							
APR-JUL	1410	1570	1670	88	1770	1930	1900
APR-SEP	1710	1890	2010	88	2130	2310	2280
HEBGEN Reservoir Inflow							
APR-JUL	245	290	320	82	350	395	390
APR-SEP	330	380	415	83	450	500	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ENNIS LAKE	41.0	26.1	29.9	31.3
HEBGEN LAKE	377.5	290.9	279.5	266.5

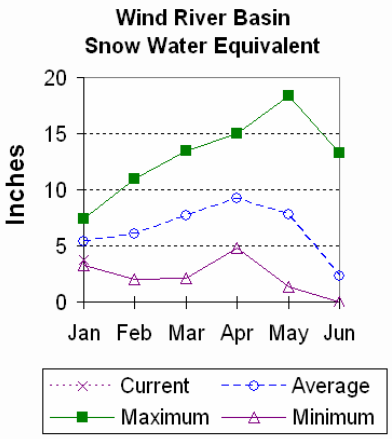
UPPER YELLOWSTONE & MADISON RIVER BASINS
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON RIVER in WY	8	57	71
YELLOWSTONE RIVER in WY	12	66	74

Wind River Basin

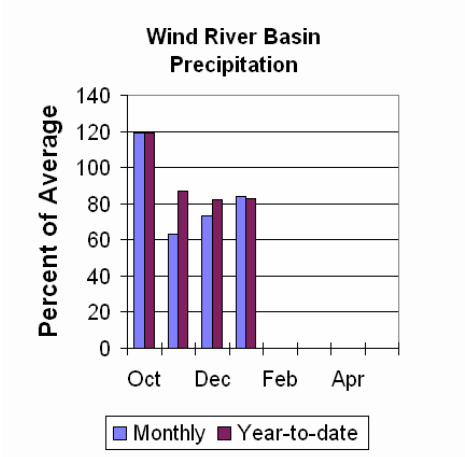
Snow

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 (82% of last year at this time). The Little Wind SWE is 68% of average water content (114% of last year), and the Popo Agie drainage SWE is about 68% of average (81% of last year). The Wind River Basin, above Boysen Reservoir SWE is about 70% of average (87% 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 58-145% of average. Precipitation, for the basin, was about 84% of average from the 8 reporting stations; that is about 84% of last year's amount. Water year-to-date precipitation is 83% of average and about 83% of last year at this time. Year-to-date percentages range from 71-116% of average.



Reservoirs

Current storage varies from 2-71% of average. Usable storage in Bull Lake is currently about 58,100 ac-ft (38% of capacity) - last year the reservoir was at 47% of capacity at this time. Boysen Reservoir is storing about 71% of capacity (423,100 ac-ft) – last year the reservoir was at 91% of capacity at this time. Pilot Butte is at 2% of capacity (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 83,000 ac-ft (89% of average). The Wind River above Bull Lake Creek is 445,000 ac-ft (83% of average). Bull Lake Creek near Lenore is 141,000 ac-ft (78% of average). Wind River at Riverton will yield around 475,000 ac-ft (74% 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 62,000 ac-ft (74% of average). Little Wind River near Riverton will yield around 195,000 ac-ft (62% of average). Boysen Reservoir inflow will yield around 525,000 ac-ft (65% of average). See the following page for detailed runoff volumes.

WIND RIVER BASIN
Streamflow Forecasts - February 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	38	49	57	86	65	76	67
APR-SEP	60	74	83	89	92	106	94
WIND RIVER abv Bull Lake Cr (2)							
APR-JUL	235	305	355	82	405	475	435
APR-SEP	315	395	445	83	495	575	535
BULL LAKE CR near Lenore (2)							
APR-JUL	73	99	117	79	135	161	148
APR-SEP	87	119	141	78	163	195	182
WIND RIVER at Riverton (2)							
APR-JUL	183	320	410	75	500	635	545
APR-SEP	240	380	475	74	570	710	640
LT POPO AGIE RIVER nr Lander							
APR-JUL	1.3	18.4	30	65	42	59	46
APR-SEP	4.7	23	35	66	47	65	53
SF LT WIND nr Fort Washakie							
APR-JUL	28	43	54	74	65	80	73
APR-SEP	33	50	62	74	74	91	84
LT WIND RIVER nr Riverton							
APR-JUL	32	117	175	63	235	320	280
APR-SEP	46	135	195	62	255	345	315
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	165	350	470	66	590	775	717
APR-SEP	205	395	525	65	655	845	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BULL LAKE	151.8	58.1	72.1	85.9
BOYSEN	596.0	423.1	543.8	592.0
PILOT BUTTE	31.6	0.6	25.0	20.0

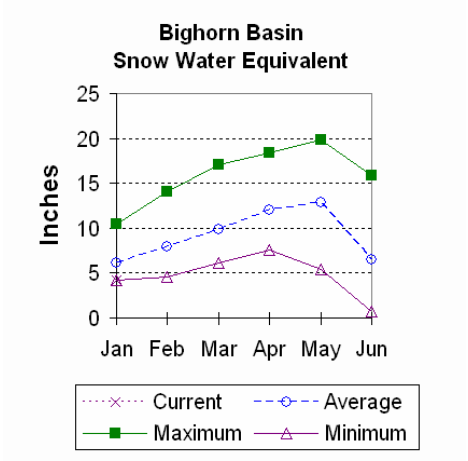
WIND RIVER BASIN
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER above Dubois	7	79	71
LITTLE WIND	2	114	68
POPO AGIE	7	81	68
WIND above Boysen Reservoir	14	85	70

Bighorn River Basin

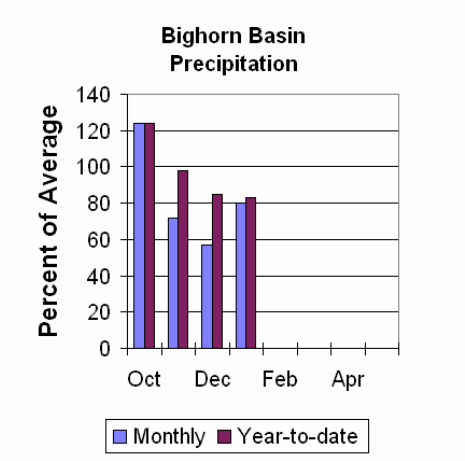
Snow

Snowpack in this basin is below average for this time of year. The Nowood River is at 52% of average (57% of last year). The Greybull River SWE is at 69% of average (96% of last year). Shell Creek SWE is 81% of average (103% of last year). The Bighorn River Basin SWE, as a whole, is currently 68% of average (83% of last year). For more information see Basin Summary of Snow Courses at beginning of report.



Precipitation

Last month's precipitation was 80% of average (124% of last year). Sites ranged from 35-193% 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 42-124%.



Reservoir

Boysen Reservoir is currently storing 423,100 ac-ft (71% of average). Bighorn Lake is now at 90% of average (770,300 ac-ft). Boysen is currently storing 78% of last year volume at this time and Big Horn Lake is storing 89% 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 525,000 ac-ft (65% of average); the Greybull River near Meeteetse should yield around 120,000 ac-ft (60% of average); Shell Creek near Shell should yield around 54,000 ac-ft (75% of average) and the Bighorn River at Kane should yield around 775,000 ac-ft (70% of average). See the following page for detailed runoff volumes.

BIGHORN RIVER BASIN
Streamflow Forecasts - February 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)
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	165	350	470	66	590	775	717
APR-SEP	205	395	525	65	655	845	809
GREYBULL RIVER nr Meeteetse							
APR-JUL	61	77	88	60	99	115	148
APR-SEP	86	106	120	60	134	154	200
SHELL CREEK nr Shell							
APR-JUL	34	41	45	75	49	56	60
APR-SEP	43	49	54	75	59	65	72
BIGHORN RIVER at Kane (2)							
APR-JUL	440	595	700	70	805	960	1000
APR-SEP	485	655	775	70	895	1065	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BOYSEN	596.0	423.1	543.8	592.0
BIGHORN LAKE	1356.0	770.3	870.0	859.5

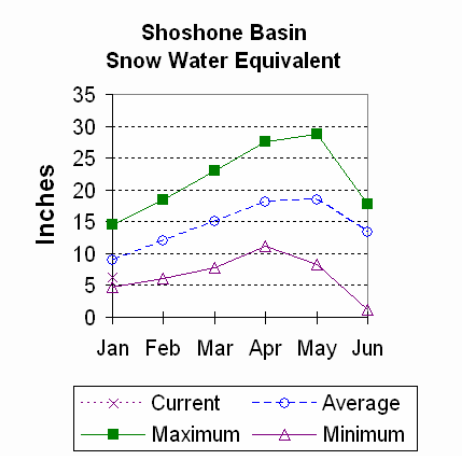
BIGHORN RIVER BASIN
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
NOWOOD RIVER	5	57	52
GREYBULL RIVER	2	96	69
SHELL CREEK	4	103	81
BIGHORN (Boysen-Bighorn)	11	83	68

Shoshone and Clarks Fork River Basin

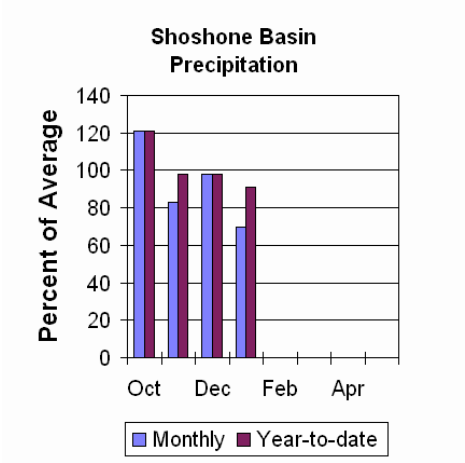
Snow

Snowpack in these basins are below average for this time of year. Snow Water Equivalent (SWE) is 66% of average (76% of last year) in the Shoshone River Basin. The Clarks Fork River Basin SWE is 76% of average (72% 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 70% of average (67% of last year). Monthly percentages range from 12-189% of average. The basin year-to-date precipitation is now 91% of average (88% of last year). Year-to-date percentages range from 69-137% of average.



Reservoir

Current storage in Buffalo Bill Reservoir is about 107% of average (94% of last year's storage) – the reservoir is at about 69% of capacity. Currently, about 445,300 ac-ft are stored in the reservoir compared to 472,500 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 following values are the 50% exceedance forecasts for the April through September period. The North Fork Shoshone River at Wapiti is 460,000 ac-ft (89% of average). The South Fork of the Shoshone River near Valley is 187,000 ac-ft (71% of average), and the South Fork above Buffalo Bill Reservoir runoff is 146,000 ac-ft (65% of average). The Buffalo Bill Reservoir inflow is expected to yield around 630,000 ac-ft (78% of average). The yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be around 490,000 ac-ft (82% of average). See the following page for detailed runoff volumes.

SHOSHONE & CLARKS FORK RIVER BASINS
Streamflow Forecasts - February 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	325	375	410	89	445	495	460
APR-SEP	370	425	460	89	495	550	520
SF SHOSHONE RIVER nr Valley							
APR-JUL	117	146	165	73	184	215	225
APR-SEP	132	165	187	71	210	240	265
SF SHOSHONE RIVER above Buffalo Bill							
APR-JUL	66	109	139	65	169	212	215
APR-SEP	68	114	146	65	178	224	225
BUFFALO BILL DAM Inflow (2)							
APR-JUL	420	505	560	78	620	700	720
APR-SEP	475	570	630	78	690	780	805
CLARKS FORK RIVER near Belfry							
APR-JUL	355	415	455	84	495	555	540
APR-SEP	390	450	490	82	530	590	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BUFFALO BILL	646.6	445.3	472.5	414.3

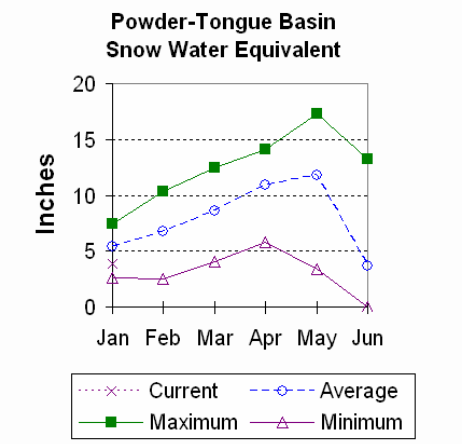
SHOSHONE & CLARKS FORK RIVER BASINS
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SHOSHONE RIVER	6	76	66
CLARKS FORK in WY	7	72	76

Powder and Tongue River Basins

Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 84% of average (105% of last year). The Goose Creek drainage is 74% of average and 99% of last year. SWE in the Clear Creek drainage is 63% of average and 77% of last year. Crazy Woman Creek drainage is 55% of average and 67% of last year. Upper Powder River drainage SWE is 64% of average and 64% of last year. Powder River basin SWE, in Wyoming is 63% of average and 69% of last year. For more information see Basin Summary of Snow Courses at beginning of report.

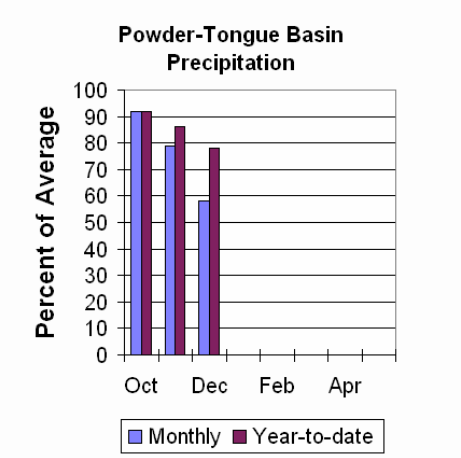


Precipitation

Last month's precipitation was 85% of average for the 9 reporting stations (132% of last year). Monthly percentages range from 44-133% of average. Year-to-date precipitation is 79% of average in the basin; this is 83% of last year at this time. Precipitation for the year ranges from 58-99% of average at the reporting stations.

Reservoir

Tongue River Reservoir current storage is 48,900 ac-ft, which is 62% of capacity or 215% 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 90,000 ac-ft (83% of average). Big Goose Creek near Sheridan is 48,000 ac-ft (80% of average). Little Goose Creek near Bighorn is 35,000 ac-ft (83% of average). The Tongue River Inflow is 187,000 ac-ft (75% of average). The Middle Fork of the Powder River near Barnum is 10,600 ac-ft (57% of average). The North Fork of the Powder River near Hazelton should yield around 7,300 ac-ft (70% of average). Rock Creek near Buffalo will yield about 13,200 ac-ft (55% of average), and Piney Creek at Kearny should yield about 31,000 ac-ft (60% of average). The Powder River at Moorehead is 142,000 ac-ft (54% of average). The Powder River near Locate is 160,000 ac-ft (48% of average). See the following page for detailed runoff volumes.

POWDER & TONGUE RIVER BASINS
Streamflow Forecasts - February 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	51	68	79	82	90	107	96
APR-SEP	59	78	90	83	102	121	109
BIG GOOSE CREEK nr Sheridan							
APR-JUL	17.5	31	40	77	49	63	52
APR-SEP	25	39	48	80	57	71	60
LITTLE GOOSE CREEK nr Big Horn							
APR-JUL	15.7	22	27	79	32	38	34
APR-SEP	22	30	35	83	40	48	42
TONGUE RIVER RESERVOIR Inflow (2)							
APR-JUL	75	130	168	76	205	260	220
APR-SEP	89	147	187	75	227	287	250
MIDDLE FORK POWDER nr Barnum							
APR-JUL	2.4	6.8	9.8	55	12.8	17.2	17.8
APR-SEP	3.0	7.5	10.6	57	13.7	18.2	18.7
NORTH FORK POWDER nr Hazelton							
APR-JUL	4.3	5.7	6.7	70	7.7	9.1	9.6
APR-SEP	4.7	6.2	7.3	70	8.4	9.9	10.4
ROCK CREEK nr Buffalo							
APR-JUL	4.9	8.0	10.1	51	12.2	15.3	19.9
APR-SEP	7.9	11.1	13.2	55	15.3	18.5	24
PINEY CREEK at Kearny							
APR-JUL	3.9	19.5	30	61	41	56	49
APR-SEP	4.6	20	31	60	42	57	52
POWDER RIVER at Moorehead							
MAR-JUL	16.0	84	130	54	176	245	240
MAR-SEP	27	95	142	54	189	255	265
POWDER RIVER near Locate							
MAR-JUL	67	115	148	48	181	231	310
MAR-SEP	72	124	160	48	195	250	335

* 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.

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

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
TONGUE RIVER	79.1	48.9	----	22.7

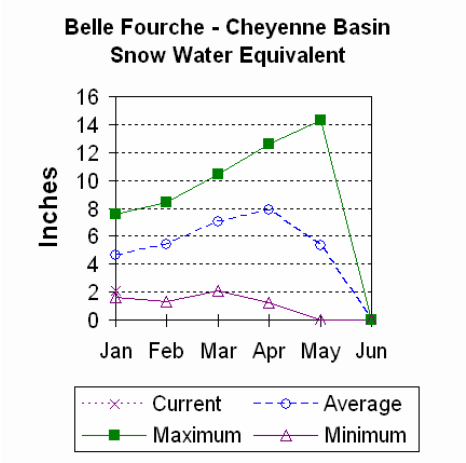
POWDER & TONGUE RIVER BASINS
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER TONGUE RIVER	10	105	84
GOOSE CREEK	3	99	74
CLEAR CREEK	4	77	63
CRAZY WOMAN CREEK	3	67	55
UPPER POWDER RIVER	4	64	64
POWDER RIVER in WY	8	69	63

Belle Fourche and Cheyenne River Basins

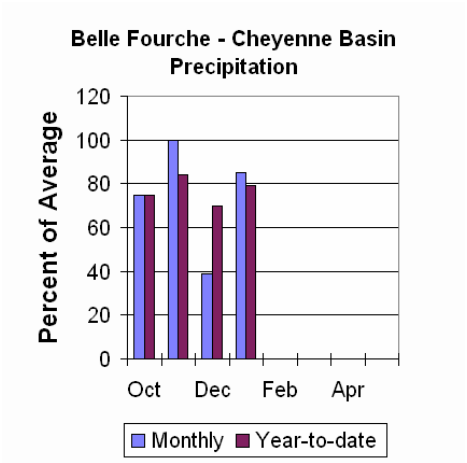
Snow

The Belle Fourche River Basin is currently at 45% of average or 48% 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 130% of average or 200% of last year in the Black Hills. There were 2 reporting stations. Monthly percentages range from 5-140%. Year-to-date precipitation is 81% of average and 80% of last year's amount.



Reservoir

Current reservoir storage is around 58% of average in the basin. Angostura is currently storing 41% of average (40,700 ac-ft), about 33% of capacity. Belle Fourche reservoir is storing 68% of average (68,800 ac-ft), about 39% of capacity. Deerfield reservoir is storing 90% of average (11,500 ac-ft), about 76% of capacity. Keyhole reservoir is storing 53% of average (54,000 ac-ft), 28% of capacity. Pactola reservoir is storing 68% of average (31,000 ac-ft), 56% of capacity. Shadehill reservoir is storing 61% of average (29,900 ac-ft), 37% 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 4,100 ac-ft (80% of average). Pactola Reservoir Inflow is expected to yield around 16,900 ac-ft (74% of average). See the following page for detailed runoff volumes.

BELLE FOURCHE & CHEYENNE RIVER BASINS
Streamflow Forecasts - February 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	1.4	3.5	5.0	82	6.4	8.6	6.1
APR-JUL	1.2	3.0	4.1	80	5.3	7.0	5.1
PACTOLA RESERVOIR Inflow							
MAR-JUL	1.0	11.4	18.2	70	25	35	26
APR-JUL	0.0	9.7	16.9	74	22	32	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ANGOSTURA	122.1	40.7	49.5	98.1
BELLE FOURCHE	178.4	68.8	57.8	101.4
DEERFIELD	15.2	11.5	11.8	12.8
KEYHOLE	193.8	54.0	72.6	102.3
PACTOLA	55.0	31.0	35.3	45.8
SHADEHILL	81.4	29.9	34.0	49.1

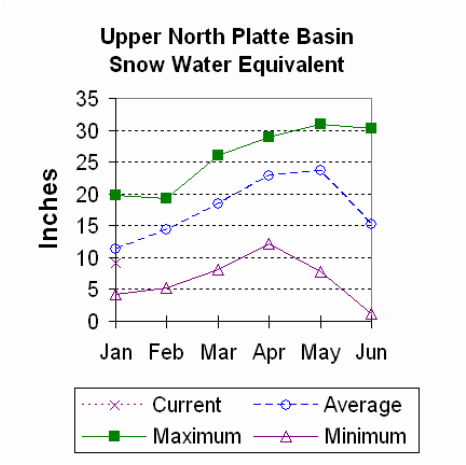
BELLE FOURCHE & CHEYENNE RIVER BASINS
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BELLE FOURCHE	8	45	43

Upper North Platte River Basin

Snow

The snotels above Seminoe Reservoir are showing about 80% of average (SWE) for this time of the year (66% of last year). SWE in the drainage area above Northgate is about 92% of average and 69% of last year at this time. SWE in the Encampment River drainage is about 82% of average and 69% of last year. Brush Creek SWE for the year is about 85% of average and 68% of last year's SWE. Medicine Bow and Rock Creek drainages SWE are about 74% of average and 63% of last year at this time. For more information see Basin Summary of Snow Courses at the beginning of this report.

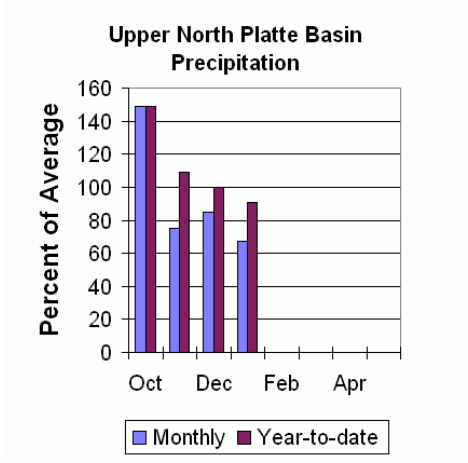


Precipitation

Eight reporting stations indicate last month's precipitation at 70% of average or 62% of last year's amount. Precipitation varied from 48-190% of average last month. Total water-year-to-date precipitation is about 92% of average for the basin, which is about 69% of last year's amount. Year to date percentage ranges from 80-130% of average.

Reservoirs

Seminoe Reservoir is estimated to be storing 267,100 ac-ft or 26% of capacity. Seminoe Reservoir is also storing about 47% 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 230,000 ac-ft (85% of average). The Encampment River near Encampment is 137,000 ac-ft (83% of average). Rock Creek near Arlington is 46,000 ac-ft (81% of average). Sweetwater River near Alcova runoff is 49,000 ac-ft (61% of average). Seminoe Reservoir inflow should be around 700,000 ac-ft (81% of average). See the following table for more detailed information on projected runoff.

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

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions === Wetter ===> 50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NORTH PLATTE RIVER nr Northgate							
APR-JUL	98	167	210	86	255	325	245
APR-SEP	105	181	230	85	280	355	270
ENCAMPMENT RIVER nr Encampment							
APR-JUL	78	109	130	83	151	183	156
APR-SEP	83	116	137	83	158	191	165
ROCK CREEK nr Arlington							
APR-JUL	27	36	43	81	50	63	53
APR-SEP	30	39	46	81	54	66	57
SWEETWATER RIVER nr Alcova							
APR-JUL	10.4	31	45	61	59	80	74
APR-SEP	12.0	34	49	61	64	86	80
SEMINOE RESERVOIR Inflow							
APR-JUL	290	505	650	81	790	1010	800
APR-SEP	320	550	700	81	850	1080	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
SEMINOE	1016.7	267.1	407.5	573.2

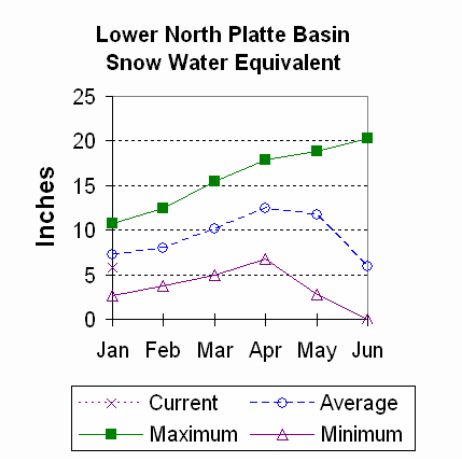
UPPER NORTH PLATTE RIVER BASIN
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
N PLATTE above Northgate	7	69	82
ENCAMPMENT RIVER	4	55	72
BRUSH CREEK	5	68	85
MEDICINE BOW & ROCK CREEKS	3	63	74
N PLATTE above Seminoe	19	66	80

Lower North Platte River Basin

Snow

SWE for the North Platte River Basin is at 81% of average (68% of last year). The Sweetwater drainage SWE is currently at 60% of average (59% of last year). Deer and LaPrele Creeks SWE are at 86% of average (76% of last year). SWE for the North Platte above the Laramie River drainage is 78% of average (66% of last year). SWE for the Laramie River above Laramie is 104% of average (93% of last year). SWE for the Little Laramie River is 89% of average (70% of last year). The Laramie River above mouth, SWE is 97% of average (85% of last year). For more information see Basin Summary of Snow Courses at the beginning of this report.

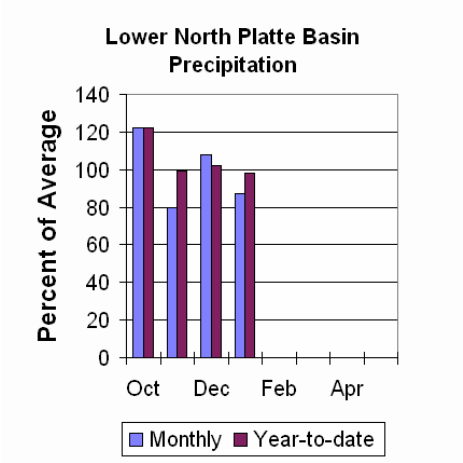


Precipitation

Last month's precipitation was 87% of average or 69% of last year's amount. Of the 8 reporting stations, percentages for the month range from 27-200%. The water year-to-date precipitation for the basin is currently 98% of average (83% of last year). Year-to-date percentages range from 39-143%.

Reservoir

The Lower North Platte River basin reservoir storage is below average at 54%. Reservoir storage is as follows: Alcova 156,200 ac-ft (101% of average); Glendo 265,400 ac-ft (79% of average); Guernsey 12,700 ac-ft (140% of average); Pathfinder 239,000 ac-ft (35% of average); Seminoe 267,100 ac-ft (47% of average); and Wheatland #2 21,800 ac-ft (48% 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 49,000 ac-ft (61% of average). Deer Creek at Glenrock is forecast to yield 24,000 ac-ft (59% of average). LaPrele Creek above the reservoir is forecast to yield 14,200 ac-ft (59% of average). Alcova to Orin Gain is forecast to yield 116,000 ac-ft (72% of average). North Platte River below Guernsey Reservoir is 780,000 ac-ft (77% of average), and below Glendo Reservoir is anticipated to yield around 750,000 ac-ft (76% of average). Laramie River near Woods Landing should yield around 138,000 ac-ft (102% of average). The Little Laramie near Filmore should produce about 53,000 ac-ft (83% of average). See the following table for more detailed information on projected runoff.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Streamflow Forecasts - February 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)
SWEETWATER RIVER nr Alcova							
APR-JUL	10.4	31	45	61	59	80	74
APR-SEP	12.0	34	49	61	64	86	80
DEER CREEK at Glenrock							
APR-JUL	11.6	19.0	24	64	29	36	38
APR-SEP	11.3	18.9	24	59	29	37	41
LaPRELE CREEK abv Reservoir							
APR-JUL	3.6	8.9	14.0	58	20	31	24
APR-SEP	3.6	9.1	14.2	59	20	32	24
NORTH PLATTE - Alcova to Orin Gain							
APR-JUL	21	58	108	71	158	230	152
APR-SEP	32	76	116	72	166	255	161
NORTH PLATTE RIVER blw Glendo Res							
APR-JUL	465	625	730	76	835	990	960
APR-SEP	470	640	750	76	860	1030	990
NORTH PLATTE RIVER blw Guernsey Res							
APR-JUL	415	610	745	77	880	1070	970
APR-SEP	440	640	780	77	920	1115	1010
LARAMIE RIVER nr Woods							
APR-JUL	76	106	126	102	146	176	123
APR-SEP	84	116	138	102	159	193	135
LITTLE LARAMIE RIVER nr Filmore							
APR-JUL	28	40	49	83	58	70	59
APR-SEP	30	44	53	83	63	76	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ALCOVA	184.3	156.2	156.2	155.0
GLENDO	506.4	265.4	258.5	334.9
GUERNSEY	45.6	12.7	13.5	9.1
PATHFINDER	1016.5	239.0	283.4	678.3
SEMINOE	1016.7	267.1	407.5	573.2
WHEATLAND #2	98.9	21.8	46.9	45.3

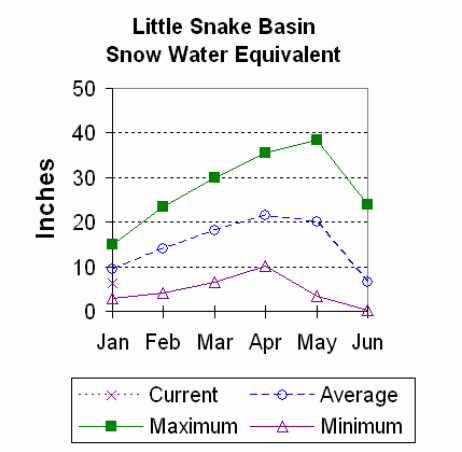
LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SWEETWATER	4	59	60
DEER & LaPRELE CREEKS	3	76	86
N PLATTE abv Laramie R.	26	66	78
LARAMIE RIVER abv Laramie	10	93	104
LITTLE LARAMIE RIVER	5	70	89
LARAMIE RIVER above mouth	13	85	97
NORTH PLATTE	32	68	81

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 68% of average (55% of last year). For more information see Basin Summary of Snow Courses at beginning of this report.

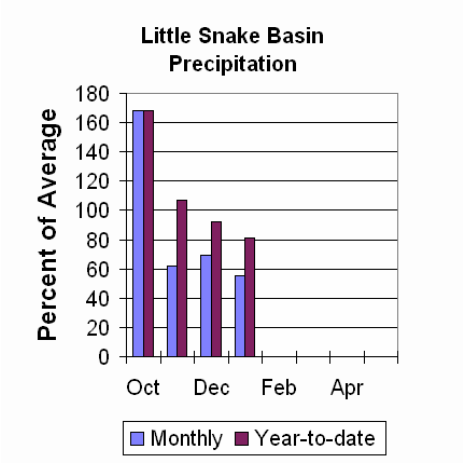


Precipitation

Precipitation across the basin was below average this past month. Last Month's precipitation was 55% of average (52% of last year) for the 5 reporting stations. Last month's precipitation ranged from 24-73% of average. The Little Snake River basin water-year-to-date precipitation is currently 81% of average (62% of last year). Year-to-date percentages range from 75-96% 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 115,000 ac-ft (72% of average). The Little Snake River near Dixon is estimated to yield around 205,000 ac-ft (62% of average). See the following table for more detailed information on projected runoff.

LITTLE SNAKE RIVER BASIN
Streamflow Forecasts - February 1, 2007

	<=== Drier ===	Future Conditions	=== Wetter ===>		
Forecast Pt	Chance of Exceeding *				
Forecast Period	90% (1000AF)	70% (1000AF)	50% (1000AF) (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Little Snake River nr Slater						
APR-JUL	77	99	115	72	133	161	159
Little Snake River nr Dixon						
APR-JUL	119	168	205	62	246	313	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.

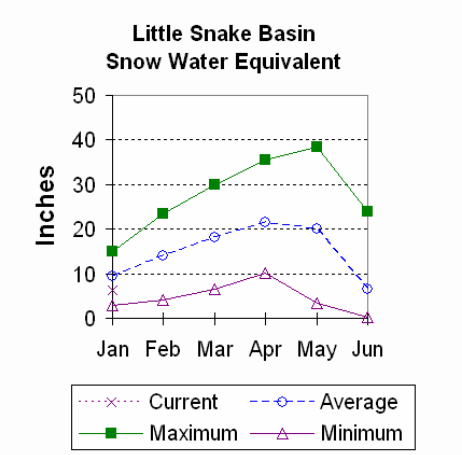
LITTLE SNAKE RIVER BASIN
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LITTLE SNAKE RIVER	8	55	68

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 67% (63% of last year). SWE on the west side of the Upper Green River Basin is about 67% of average (54% of last year). Newfork River Basin SWE is now about 66% of average (59% of last year). Big Sandy-Eden Valley Basin is at 61% or 53% of last year. SWE in the Green River Basin above Fontenelle Reservoir is about 67% of average (57% of last year). For more information see the Basin Summary of Snow Courses at the beginning of this report.

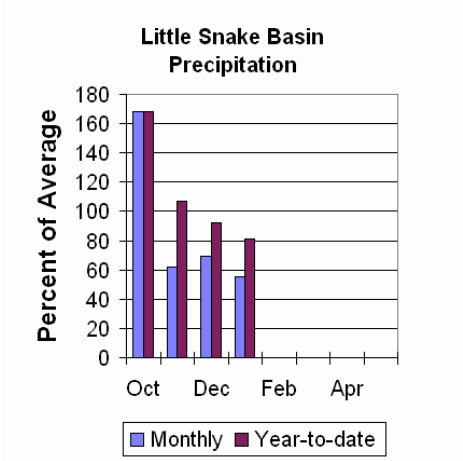


Precipitation

The 11 reporting precipitation sites in the basin were 50% of average last month (39% of last year). Last month's precipitation varied from 24-64% of average. Water year-to-date precipitation is about 81% of average (67% of last year). Year to date percentage of average ranges from 70-109% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 14,200 ac-ft or 37% of capacity. This is 76% of average. Eden Reservoir - No Report. Fontenelle Reservoir is 151,700 ac-ft or 44% of capacity This is 83% 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 205,000 ac-ft (77% of average). Pine Creek above Fremont Lake is 82,000 ac-ft (79% of average). New Fork River near Big Piney is 280,000 ac-ft (71% of average). Fontenelle Reservoir Inflow is estimated to be 585,000 ac-ft (68% 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 - February 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)
Green River at Warren Bridge							
APR-JUL	156	184	205	77	227	261	265
Pine Creek abv Fremont Lake							
APR-JUL	67	76	82	79	88	98	104
New Fork River nr Big Piney							
APR-JUL	186	240	280	71	323	393	395
Fontenelle Reservoir Inflow							
APR-JUL	340	478	585	68	703	896	860
Big Sandy River nr Farson							
APR-JUL	27	34	40	69	46	57	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BIG SANDY	38.3	14.2	24.9	18.6
EDEN		NO REPORT		
FONTENELLE	344.8	151.7	167.9	182.2

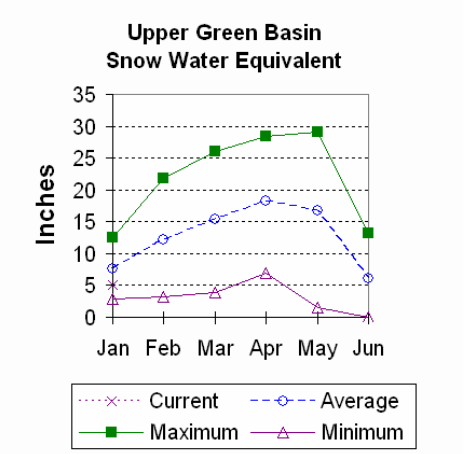
UPPER GREEN RIVER BASIN
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
GREEN above Warren Bridge	4	62	67
UPPER GREEN (West Side)	7	54	67
NEWFORK RIVER	3	59	66
BIG SANDY/EDEN VALLEY	2	53	61
GREEN above Fontenelle	14	57	67

Lower Green River Basin

Snow

SWE in the Hams Fork Basin is 69% of average (53% of last year). Blacks Fork Basin SWE is currently 83% of average (72% of last year). The Henrys Fork drainage is at 112% of average (123% of last year). SWE in the Green River Basin above Flaming Gorge is 69% of average (59% of last year). For more information see Basin Summary of Snow Courses at beginning of this report.

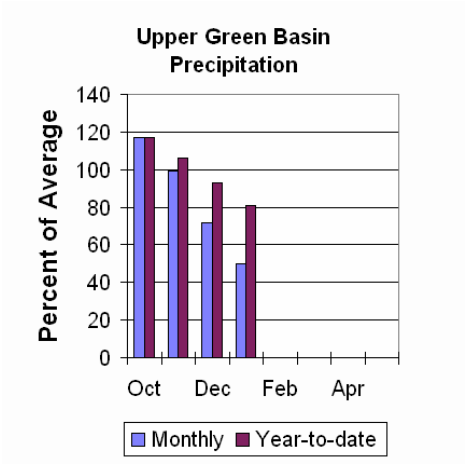


Precipitation

Precipitation was below average for the 3 reporting stations during last month at 35% of average or 22% of last year. Precipitation ranged from 17-100% of average for the month. The basin year-to-date precipitation is currently 68% of average (56% of last year). Year-to-date percentages range from 65-145%.

Reservoirs

Fontenelle Reservoir is currently storing 151,700 ac-ft; this is 83% of average (90% of last year). Flaming Gorge is currently storing 3,110,000 ac-ft; this is 105% of average (102% of last year). Viva Naughton is storing 33,300 ac-ft or 79% of capacity: this is 110% 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 595,000 ac-ft (68% of average). The Blacks Fork near Robertson is forecast to yield 79,000 ac-ft (83% of average). East Fork of Smiths Fork near Robertson is forecast to yield 24,000 ac-ft (83% 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 750,000 ac-ft (63% of average). See the following table for more detailed information on projected runoff.

LOWER GREEN RIVER BASIN
Streamflow Forecasts - February 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)
Green River nr Green River, WY (2)							
APR-JUL	372	499	595	68	700	870	875
Blacks Fork nr Robertson							
APR-JUL	53	68	79	83	91	111	95
EF of Smiths Fork nr Robertson							
APR-JUL	14.6	19.9	24	83	29	36	29
Hams Fk blw Pole Ck nr Frontier							
APR-JUL	21	32	40	62	49	65	65
Hams Fork Inf to Viva Naughton Res							
APR-JUL	26	41	52	58	65	87	89
Flaming Gorge Reservoir Inflow (2)							
APR-JUL	401	596	750	63	922	1207	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
FONTENELLE	344.8	151.7	167.9	182.2
FLAMING GORGE	3749.0	3110.0	3054.0	2966.0
VIVA NAUGHTON RES	42.4	33.3	32.4	30.3

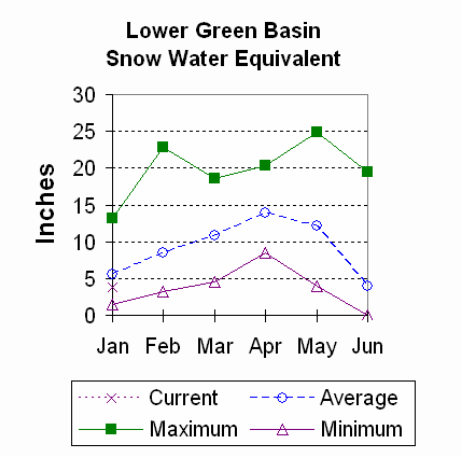
LOWER GREEN RIVER BASIN
Watershed Snowpack Analysis - February 1, 2007

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HAMS FORK RIVER	4	53	69
BLACKS FORK	2	72	83
HENRYS FORK	2	123	112
GREEN above Flaming Gorge	22	59	69

Upper Bear River Basin

Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 72% of average; that is about 56% of last year at this time. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 71% of average (55% of last year). Bear River Basin SWE, above the Idaho State line, is 68% of average and 51% of last year. See the Basin Summary of Snow Course Data at the beginning of this report for more detailed information.

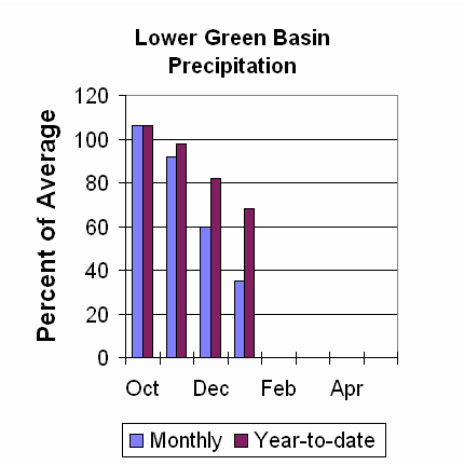


Precipitation

Precipitation for last month was 39% of average for the 2 reporting stations; this is 26% of the precipitation received last year. The year-to-date precipitation, for the basin, is 71% of average; this is 59% of last year's amount.

Reservoir

Storage, in Woodruff Narrows reservoir, is about 47,000 ac-ft (187% of average). Current reservoir storage is about 82% of capacity. Reservoir storage last year at this time was 34,000 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 100,000 ac-ft (80% of average). The Bear River above Reservoir near Woodruff is 87,000 ac-ft (61% of average). The Smiths Fork River near Border is 78,000 ac-ft (65% of average). See the following table for more detailed information on projected runoff.

UPPER BEAR RIVER BASIN
Streamflow Forecasts - February 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	61	79	92	81	106	129	113
APR-SEP	65	85	100	80	116	142	125
Bear River ab Reservoir nr Woodruff							
APR-JUL	30	60	85	63	115	168	136
APR-SEP	29	60	87	61	119	176	142
Smiths Fork nr Border							
APR-JUL	37	53	65	63	78	101	103
APR-SEP	46	64	78	65	93	119	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 January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
WOODRUFF NARROWS	57.3	47.0	34.0	25.2

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

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER BEAR RIVER in Utah	5	56	72
SMITHS & THOMAS FORKS	4	55	71
BEAR RIVER abv ID line	7	51	68
NORTHWEST	74	66	71
NORTHEST	23	84	70
SOUTHEAST	36	63	77
SOUTHWEST	31	56	68

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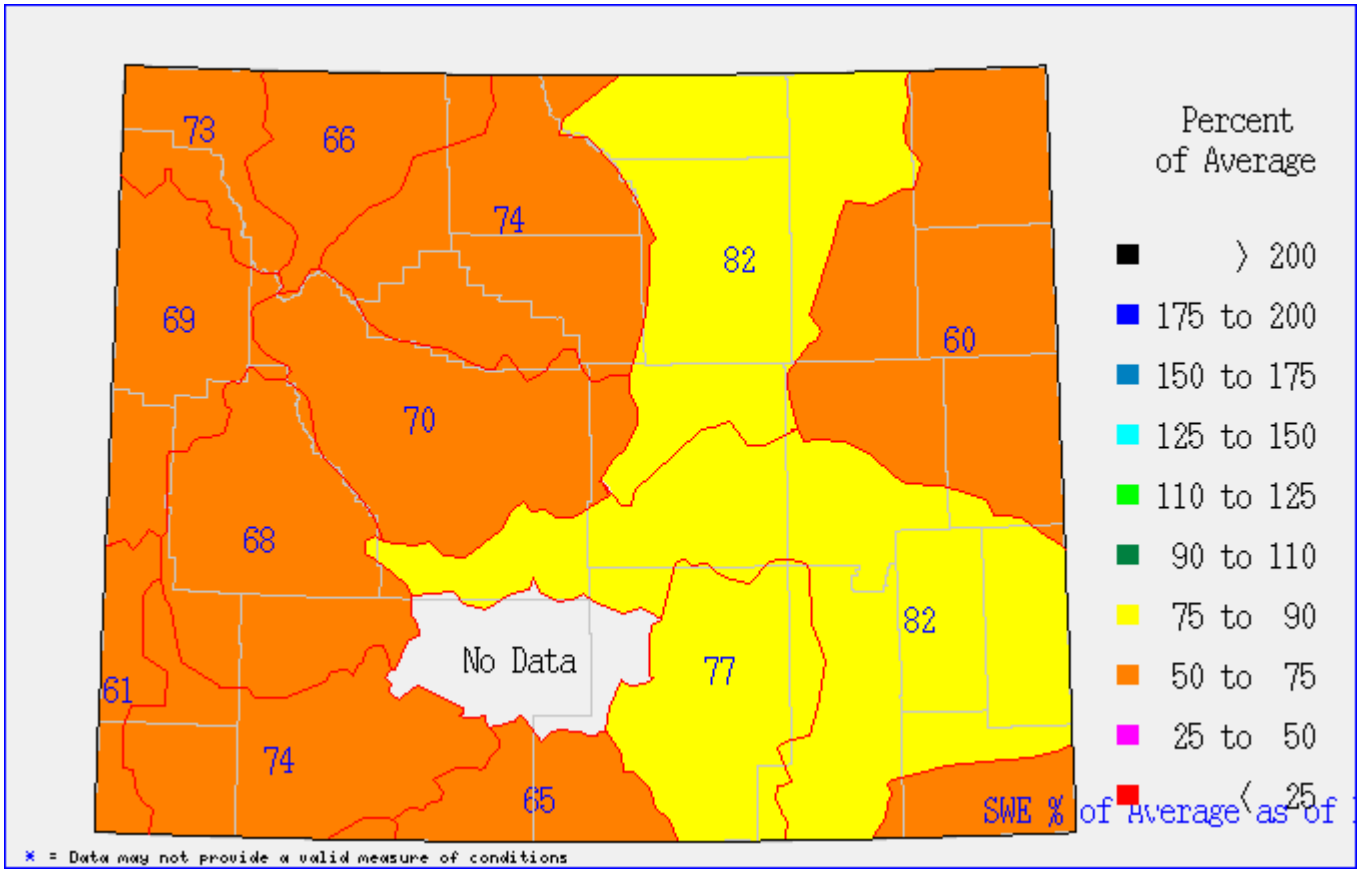

Wyoming
Basin Outlook Report

Natural Resources Conservation Service
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