United States
Department of
Agriculture

**Natural
Resources
Conservation
Service**

Wyoming
Basin Outlook Report
March 1, 2006

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, base 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 slightly above average for this time of the year. Dec.-Feb. storms have covered Wyoming Mountains with snow, especially in the western and southern mountains. SWE for the State of Wyoming as a whole is 104% of average for early March. Most of the snowfall fell in the lowlands in Feb., but not as much in the mountains. Precipitation for last month in the basins varied from 60% of average to 148% of average for the State. Year-to-date precipitation is also above average for the year and varies from 94-123% of average in the basins. Basin reservoir levels for Wyoming vary from 63-172% of average for an overall average of 90%. Forecast runoff varies from 73-133% of average across Wyoming.

Snowpack

Snow water equivalent (SWE), across Wyoming is above average for this time of year at 104%. SWE in the NW portion of Wyoming is now about 101% of average (144% of last year). NE Wyoming SWE is currently about 91% of average (139% of last year). The SE portion of Wyoming SWE is currently about 112% of average (128% of last year). The SW portion of Wyoming SWE is about 114% of average (119% of last year). See the picture at the end of the document for the individual basins.

Precipitation

Last month's precipitation varied across all of Wyoming. The Upper Yellowstone & Madison River Basin had the lowest precipitation for the month at 60% of average. The Belle Fourche & Cheyenne River Basins had the highest precipitation amount at 148% 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	-28%	Upper North Platte River	-18%
Upper Yellowstone & Madison	-40%	Lower North Platte	+01%
Wind River	-18%	Little Snake River	-20%
Big Horn	+08%	Upper Green River	-17%
Shoshone & Clarks Fork	-18%	Lower Green River	-18%
Powder & Tongue River	+10%	Upper Bear River	-28%
Belle Fourche & Cheyenne	+48%		

Streams

Stream flow yield is expected to be average across Wyoming. Most probable yield for the entire State of Wyoming is forecast to be about 100%; varying from 73-133%. The Snake River, Upper Yellowstone & Madison River Basins are expected to yield about 111, 107% of average respectively; yield estimates range from 105-116% of average for the various forecast points in these basins. Yields from the Wind and Bighorn River Basins are expected to be about 80 and 82% of average; varying from 77-95% of average in the basins. Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 88% of average; varying from 83-101% of average. Yields from the Powder & Tongue River Basins are expected to be about 85% of average; varying from 79-99%. Yields for the Belle Fourche & Cheyenne River Basins are expected to be about 127% of average. Yields for the Upper and Lower North Platte River of Wyoming will be about 116 and 118% of average, respectively -- varying from 73-133%. Yields for the Little Snake, Upper Green River, Lower Green River and Little Bear River Basins of

Wyoming are expected to be 112, 105, 105 and 120% of average respectively -- yield estimates vary from 97-124%.

Reservoirs

One reservoir is not reporting. Reservoirs on the North Platte River are well below average at 65% of average. Most of the reservoirs in the northeast are below average in storage at 63%. Reservoirs in the Wind River Basin are below average at 93%. Reservoirs on the Big Horn are below average at 97%. The Buffalo Bill Reservoir on the Shoshone is at 117%. Reservoirs on the Green River are above average at 103%. Reservoir storage varies across the state; however, reservoir storage is at 90% of average for the entire state. See the 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	101
ANGOSTURA	42	46	83	51	91
BELLE FOURCHE	37	43	63	58	85
BIG SANDY	83	60	50	166	139
BIGHORN LAKE	61	48	61	100	126
BOYSEN	89	97	96	93	92
BUFFALO BILL	73	73	63	117	101
BULL LAKE	48	68	56	85	70
DEERFIELD	76	86	87	87	88
EDEN			NO REPORT		
ENNIS LAKE	75	72	77	98	104
FLAMING GORGE	81	74	78	104	109
FONTENELLE	42	43	45	94	99
GLENDO	57	57	75	75	100
GRASSY LAKE	55	59	79	69	93
GUERNSEY	34	43	31	108	79
HEBGEN LAKE	74	79	70	106	94
JACKSON LAKE	49	17	58	83	286
KEYHOLE	38	49	55	69	77
PACTOLA	65	75	84	77	87
PALISADES	61	45	74	83	136
PATHFINDER	29	24	70	41	117
PILOT BUTTE	79	70	63	125	113
SEMINOE	39	26	52	76	150
SHADEHILL	42	58	61	68	72
TONGUE RIVER	54	53	31	172	101
VIVA NAUGHTON RES	72	75	69	105	96
WHEATLAND #2	49	33	48	101	145
WOODRUFF NARROWS	61	33	48	127	184
TOTAL OF 28 RESERVOIRS	62	55	69	90	113
Raw KAF Totals Current=	8304	Last Year=	7331 Average=	9189 Capacity=	13288

Basin Summary of Snow Course Data

MARCH 2006

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and SNOTEL Stations						
ALBANY	9400	2/27/06	40	12.3	8.7	11.8
ASTER CREEK	7750	2/28/06	85	30.0	15.7	25.2
BALD MOUNTAIN SNOTEL	9380	3/01/06	50	12.8	11.7	16.0
BASE CAMP SNOTEL	7030	3/01/06	---	18.1	11.1	16.0
BATTLE MTN. SNOTEL	7440	3/01/06	32	11.8	11.9	9.7
BEARLODGE DIVIDE	4680	2/28/06	5	1.3	.2	1.8
BEARTOOTH LK. SNOTEL	9280	3/01/06	66	19.4	11.6	19.7
BEAR TRAP SNOTEL	8200	3/01/06	20	4.8	3.1	4.3
BIG GOOSE	7760	2/28/06	13	1.8	1.5	5.1
BIG GOOSE SNOTEL	7760	3/01/06	24	5.3	5.2	7.7
BIG PARK	8620	2/24/06	64	19.7	17.0	16.2
BIG SANDY SNOTEL	9080	3/01/06	50	13.1	13.4	12.1
BLACKWATER SNOTEL	9780	3/01/06	---	19.2	11.6	20.4
BLIND BULL SNOTEL	8900	3/01/06	77	24.6	16.0	23.1
BLIND PARK SNOTEL	6870	3/01/06	30	6.4	3.8	7.1
BLUE RIDGE	9620	2/27/06	24	5.4	11.5	9.8
BONE SPGS. SNOTEL	9350	3/01/06	49	11.4	10.5	13.2
BROOKLYN LK. SNOTEL	10220	3/01/06	64	21.0	14.1	19.0
BUCK CREEK	7960	2/25/06	38	11.2	4.8	8.2
BURGESS JCT. SNOTEL	7880	3/01/06	32	8.0	5.8	9.0
BURROUGHS CRK SNOTEL	8750	3/01/06	46	12.1	7.8	12.6
CANYON SNOTEL	8090	3/01/06	46	12.5	7.5	11.3
CASPER MTN. SNOTEL	7850	3/01/06	44	13.7	8.1	11.3
CASTLE CREEK	8400	2/23/06	13	2.2	--	4.0
CCC CAMP	7000	2/27/06	42	12.6	9.8	11.0
CHALK CK #1 SNOTEL	9100	3/01/06	72	22.8	22.6	19.9
CHALK CK #2 SNOTEL	8200	3/01/06	45	12.5	14.4	12.9
CINNABAR PARK SNOTEL	9690	3/01/06	63	20.0	13.7	11.9
CLOUD PEAK SNOTEL	9850	3/01/06	41	10.7	9.9	10.0
COLE CANYON SNOTEL	5910	3/01/06	19	4.7	1.9	5.1
COLD SPRINGS SNOTEL	9630	3/01/06	23	4.4	6.2	7.2
COTTONWOOD CR SNOTEL	7700	3/01/06	---	25.9	14.2	18.5
CROW CREEK SNOTEL	8830	3/01/06	16	4.7	6.3	7.3
DARBY CANYON	8250	2/27/06	64	22.1	13.5	20.3
DEER PARK SNOTEL	9700	3/01/06	51	14.5	19.4	14.4
DITCH CREEK	6870	2/28/06	13	3.3	1.4	3.6
DIVIDE PEAK SNOTEL	8860	3/01/06	47	15.0	17.4	15.6
DOME LAKE SNOTEL	8880	3/01/06	34	8.7	7.6	9.5
DU NOIR	8760	2/24/06	24	4.5	4.5	6.8
EAST RIM DIV SNOTEL	7930	3/01/06	---	9.8	6.8	11.0
ELBO RANCH	7100	3/01/06	41	11.9	6.6	10.3
ELKHART PARK SNOTEL	9400	3/01/06	---	12.1	9.4	11.1
EVENING STAR SNOTEL	9200	3/01/06	74	21.9	13.8	25.0
FOUR MILE MEADOWS	7860	2/27/06	38	10.4	5.9	10.8
FOXPARK	9060	2/27/06	26	6.8	4.8	6.3
GEYSER CREEK	8500	2/24/06	19	3.5	2.7	6.0
GLADE CREEK	7040	2/28/06	70	23.3	13.3	20.9
GRANITE CRK SNOTEL	6770	3/01/06	---	19.1	11.0	16.1
GRANNIER MEADOWS	8860	2/27/06	33	9.5	13.7	11.7
GRASSY LAKE SNOTEL	7270	3/01/06	93	31.9	20.9	29.5
GRAVE SPRINGS SNOTEL	8550	3/01/06	31	7.8	4.5	7.3
GREYS BOUNDARY	5720	2/27/06	48	14.9	9.0	10.9
GROS VENTRE SNOTEL	8750	3/01/06	44	10.4	9.0	11.5
GROVER PARK DIVIDE	7000	2/27/06	35	10.8	7.8	10.0
HAIRPIN TURN	9480	2/27/06	48	15.2	10.6	13.9
HANSEN S.M. SNOTEL	8360	3/01/06	14	3.4	4.4	5.2
HAMS FORK SNOTEL	7840	3/01/06	---	13.3	10.1	11.0
HASKINS CREEK	8980	2/24/06	90	30.4	25.4	25.9
HOBACK GS	6640	2/23/06	41	10.1	6.4	--
HOBBS PARK SNOTEL	10100	3/01/06	38	8.8	12.2	11.9
HUCKLEBERRY DIVIDE	7300	2/28/06	61	19.9	11.4	18.5
INDIAN CREEK SNOTEL	9430	3/01/06	---	26.8	22.8	22.3
JACKPINE CREEK	7350	2/27/06	66	24.1	12.8	19.4
KELLEY R.S. SNOTEL	8180	3/01/06	---	17.7	14.0	14.0
KENDALL R.S. SNOTEL	7740	3/01/06	---	13.5	9.5	12.4
KIRWIN SNOTEL	9550	3/01/06	36	8.4	5.4	9.1
LAKE CAMP	7780	2/28/06	35	9.0	6.8	8.7
LA PRELE SNOTEL	8380	3/01/06	32	8.5	5.1	8.9
LARSEN CREEK	9020	2/22/06	36	10.7	11.5	11.0

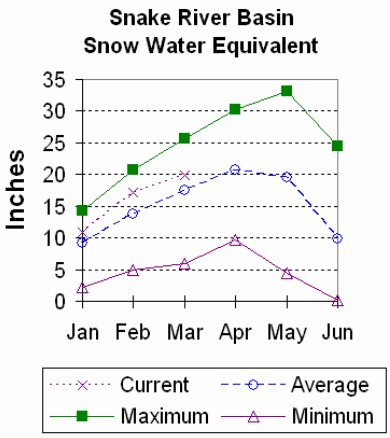
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
LEWIS LAKE SNOTEL	7850	3/01/06	102	35.4	19.2	29.7
LIBBY LODGE	8750	2/27/06	37	10.8	7.6	9.6
LITTLE BEAR RUN	6240	2/28/06	18	3.8	1.2	3.4
LITTLE WARM SNOTEL	9370	3/01/06	32	7.6	6.6	9.5
LOOMIS PARK SNOTEL	8240	3/01/06	---	16.8	11.2	14.5
LUPINE CREEK	7380	2/27/06	27	7.3	4.3	8.5
MALLO	6420	2/24/06	35	8.5	3.1	6.6
MARQUETTE SNOTEL	8760	3/01/06	6	1.8	2.7	6.9
MEDICINE LODGE LAKES	9340	2/28/06	34	8.2	5.9	9.2
MIDDLE FORK	7420	2/27/06	13	2.4	4.5	4.8
MIDDLE POWDER SNOTEL	7760	3/01/06	36	10.4	4.6	9.0
MORAN	6750	2/27/06	40	11.7	7.3	11.8
MOSS LAKE	9800	2/23/06	66	21.1	14.7	19.9
NEW FORK SNOTEL	8340	3/01/06	---	9.8	8.3	9.6
NORRIS BASIN	7500	2/28/06	30	7.9	5.0	9.6
NORTH BARRETT CREEK	9400	2/23/06	65	20.6	14.5	17.5
NORTH FRENCH SNOTEL	10130	3/01/06	85	28.5	19.9	22.7
NORTH RAPID CK SNTL	6130	3/01/06	23	5.6	2.4	6.8
NORTH TONGUE	8450	2/28/06	30	7.9	6.5	10.3
OLD BATTLE SNOTEL	9920	3/01/06	89	31.1	29.0	26.3
OLD FAITHFUL	7400	3/01/06	40	10.7	8.6	12.9
ONION GULCH	8780	2/28/06	22	4.4	2.8	6.7
OWL CREEK SNOTEL	8980	3/01/06	12	2.5	2.8	4.1
PARKERS PEAK SNOTEL	9400	3/01/06	56	16.2	12.1	18.2
PHILLIPS BENCH SNTL	8200	3/01/06	84	27.8	18.7	23.9
POCKET CREEK	9350	2/22/06	46	13.4	11.6	10.9
POLE MOUNTAIN	8700	2/27/06	25	5.5	6.1	6.8
POWDER RVR.PASS SNTL	9480	3/01/06	35	8.2	8.6	8.7
PURGATORY GULCH	8970	2/24/06	33	9.2	8.7	9.5
RANGER CREEK	8120	2/28/06	27	5.1	4.5	7.3
RENO HILL SNOTEL	8500	3/01/06	46	13.2	6.6	10.4
REUTER CANYON	6280	2/27/06	43	13.2	2.0	8.4
ROWDY CREEK	8300	2/22/06	62	19.8	13.4	18.5
RYAN PARK	8400	2/23/06	39	10.7	7.3	9.7
SAGE CK BASIN SNTL	7850	3/01/06	39	10.5	12.6	9.0
SALT RIVER SNOTEL	7600	3/01/06	---	14.1	10.2	12.2
SAND LAKE SNOTEL	10050	3/01/06	78	27.1	18.3	25.2
SANDSTONE RS SNOTEL	8150	3/01/06	43	12.6	10.3	12.5
SAWMILL DIVIDE	9260	2/28/06	35	8.6	7.2	10.2
SHELL CREEK SNOTEL	9580	3/01/06	50	11.8	10.4	11.8
SHERIDAN R.S.	7750	2/23/06	23	3.9	2.1	5.2
SNAKE RIVER STATION	6920	2/28/06	56	18.8	11.0	18.3
SNAKE RV STA SNOTEL	6920	3/01/06	58	18.1	10.3	16.6
SNIDER BASIN SNOTEL	8060	3/01/06	51	16.0	11.7	12.4
SOLDIER PARK	8780	2/28/06	13	2.1	1.1	4.4
SOUR DOUGH	8460	2/28/06	16	2.7	3.4	5.4
SOUTH BRUSH SNOTEL	8440	3/01/06	36	9.9	8.7	10.0
SOUTH PASS SNOTEL	9040	3/01/06	53	14.0	16.9	14.0
SPRING CRK. SNOTEL	9000	3/01/06	88	27.4	19.7	22.2
ST LAWRENCE ALT SNTL	8620	3/01/06	14	2.8	5.7	5.9
SUCKER CREEK SNOTEL	8880	3/01/06	34	8.5	7.8	9.1
SYLVAN LAKE SNOTEL	8420	3/01/06	50	15.1	12.1	18.8
SYLVAN ROAD SNOTEL	7120	3/01/06	33	9.2	7.3	11.4
T CROSS RANCH	7900	2/23/06	25	5.2	2.2	6.8
THUMB DIVIDE SNOTEL	7980	3/01/06	57	15.8	11.0	15.4
THUMB DIVIDE	7980	2/28/06	50	14.1	9.8	15.8
TIE CREEK SNOTEL	6870	3/01/06	16	4.5	.6	4.9
TIMBER CREEK SNOTEL	7950	3/01/06	8	1.7	1.5	4.2
TOGWOTEE PASS SNOTEL	9580	3/01/06	76	21.6	13.2	20.7
TOWNSEND CRK SNOTEL	8700	3/01/06	25	5.4	8.4	6.9
TRIPLE PEAK SNOTEL	8500	3/01/06	85	26.5	15.1	20.9
TURPIN MEADOWS	6900	2/27/06	39	10.9	4.5	9.4
TWO OCEAN SNOTEL	9240	3/01/06	---	31.1	18.6	23.3
TYRELL RANGER STA.	8300	2/28/06	23	5.1	3.1	6.2
UPPER SPEARFISH	6500	2/24/06	29	7.6	1.6	5.9
WEBBER SPRING SNOTEL	9250	3/01/06	69	22.4	20.4	21.3
WHISKEY PARK SNOTEL	8950	3/01/06	82	31.9	21.5	23.8
WILLOW CREEK SNOTEL	8450	3/01/06	---	30.6	19.7	25.4
WINDY PEAK SNOTEL	7900	3/01/06	23	5.8	4.5	6.0
WOLVERINE SNOTEL	7650	3/01/06	27	8.1	6.2	10.6
WOOD ROCK G.S.	8440	2/28/06	25	7.0	5.7	7.8
YOUNTS PEAK SNOTEL	8350	3/01/06	52	12.6	8.5	14.6

(d) denotes discontinued site.

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) is above average. SWE in the Snake River Basin above Jackson Lake is 114% of average (170% of last year at this time). Pacific Creek Basin SWE is 119% of average (165% of last year). Gros Ventre River Basin SWE is 103% of average (152% of last year). SWE in the Hoback River drainage is 106% of average (149% of last year). SWE in the Greys River drainage is 121% of average (156% of last year). In the Salt River area SWE is 122% of average (152% of last year). SWE in the Snake River Basin above Palisades is 114% of average (161% of last year). See the Basin Summary of Snow Courses at the beginning of this report for a detailed listing of snow course information.

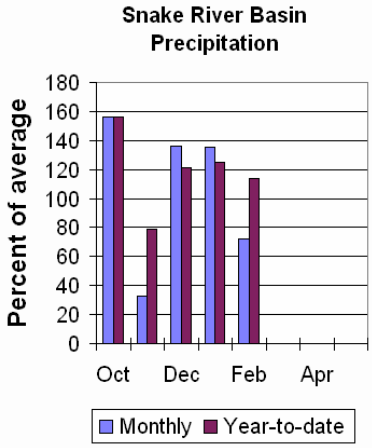


Precipitation

Precipitation across the basin was below average last month. Monthly precipitation for the basin was 72% of average (115% of last year); last month's percentages range from 45-118% of average. Water-year-to-date precipitation is 114% of average for the Snake River Basin (158% of last year). Year-to-date percentages range from 98-129% of average.

Reservoir

Currently, usable reservoir storage is 83% of average for the three storage reservoirs in the basin. Grassy Lake storage is about 69% of average (8,300 ac-ft compared to 8,900 last year). Jackson Lake storage is 83% of average (411,500 ac-ft compared to 143,900 ac-ft last year). Palisades Reservoir storage is about 83% of average (855,700 ac-ft compared to 630,000 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 50% exceedance forecasts for April through September are above average for the basin. The Snake near Moran is 1,010,000 ac-ft (112% of average). Snake above reservoir near Alpine is 3,030,000 ac-ft (111% of average). The Snake near Irwin is 4,300,000 ac-ft (111% of average). The Snake near Heise is 4,620,000 ac-ft (111% of average). Pacific Creek at Moran is 200,000 ac-ft (112% of average). Greys River above Palisades Reservoir is 455,000 ac-ft (115% of average). Salt River near Etna is 480,000 ac-ft (114% of average). See the following page for detailed runoff volumes.

SNAKE RIVER BASIN
Streamflow Forecasts - March 1, 2006

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	750	860	910	112	955	1065	815
APR-SEP	830	950	1010	112	1070	1190	905
SNAKE ab resv nr Alpine (1,2)							
APR-JUL	2220	2500	2630	111	2760	3040	2370
APR-SEP	2560	2880	3030	111	3180	3500	2730
SNAKE nr Irwin (1,2)							
APR-JUL	3060	3500	3700	111	3900	4340	3330
APR-SEP	3590	4080	4300	111	4520	5010	3870
SNAKE near Heise (2)							
APR-JUL	3400	3730	3950	111	4170	4500	3560
APR-SEP	4000	4370	4620	111	4870	5240	4160
PACIFIC CREEK at Moran							
APR-JUL	158	176	191	112	206	226	171
APR-SEP	165	185	200	112	215	235	178
GREYS above Palisades							
APR-JUL	330	370	395	116	420	460	340
APR-SEP	380	425	455	115	485	530	395
SALT near Etna							
APR-JUL	300	355	390	115	425	480	340
APR-SEP	375	435	480	114	525	585	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	8.3	8.9	12.0
JACKSON LAKE	847.0	411.5	143.9	494.0
PALISADES	1400.0	855.7	630.0	1033.1

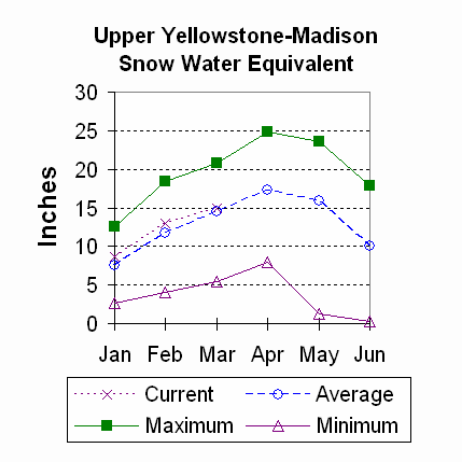
SNAKE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SNAKE above Jackson Lake	9	170	114
PACIFIC CREEK	3	165	119
GROS VENTRE RIVER	3	148	103
HOBACK RIVER	5	149	106
GREYS RIVER	5	157	123
SALT RIVER	5	152	122
SNAKE above Palisades	27	160	114

Yellowstone and Madison River Basins

Snow

Snowfall in these basins has been good so far this year and the SWE in both basins is above average for this month. Snow water equivalent (SWE) is about 109% of average (151% of last year) in the Madison drainage. SWE in the Yellowstone drainage is about 103% of average (156% of last year at this time). See the "Snow Course Basin Summary" at the beginning of this document for more details on specific sites.

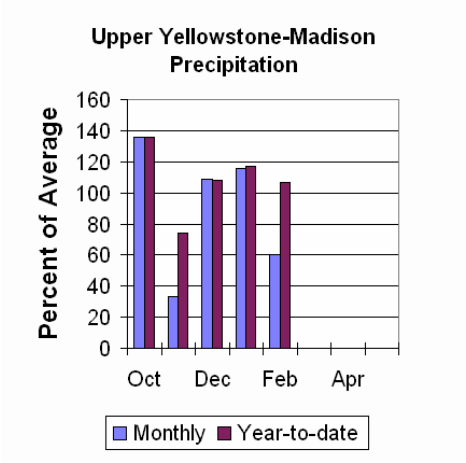


Precipitation

Last month precipitation in the Madison and Yellowstone drainage was about 60% of average (114% of last year) for the 5 reporting stations: percentage range was from 45-73% of average. Water-year-to-date precipitation is about 107% of average (152% of last year's amount); year to date percentage ranges from 03-116%.

Reservoir

Ennis Lake is storing about 30,700 ac-ft of water (75% of capacity, 98% of average or 104% of last year's volume). Hebgen Lake is storing about 280,500 ac-ft of water (74% of capacity, 106% of average or 94% 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

Water supply is estimated to be above average this year. All the following yields are the 50% exceedance forecasts from April through September. Yellowstone at Lake Outlet is 845,000 ac-ft (105% of average). Yellowstone at Corwin Springs will yield around 2,090,000 ac-ft (106% of average). Yellowstone near Livingston will yield around 2,440,000 ac-ft (107% of average). Hebgen Reservoir inflow is 545,000 ac-ft (109% of average). See the following page for detailed runoff volumes.

UPPER YELLOWSTONE & MADISON RIVER BASINS
Streamflow Forecasts - March 1, 2006

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	505	590	645	109	700	785	590
APR-SEP	660	770	845	105	920	1030	805
YELLOWSTONE RIVER at Corwin Springs							
APR-JUL	1470	1630	1750	106	1870	2030	1650
APR-SEP	1760	1960	2090	106	2220	2420	1970
YELLOWSTONE RIVER near Livingston							
APR-JUL	1790	1930	2030	107	2130	2270	1900
APR-SEP	2160	2330	2440	107	2550	2720	2280
HEBGEN Reservoir Inflow							
APR-JUL	350	395	425	109	455	500	390
APR-SEP	460	510	545	109	580	630	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	30.7	29.6	31.4
HEBGEN LAKE	377.5	280.5	298.4	265.2

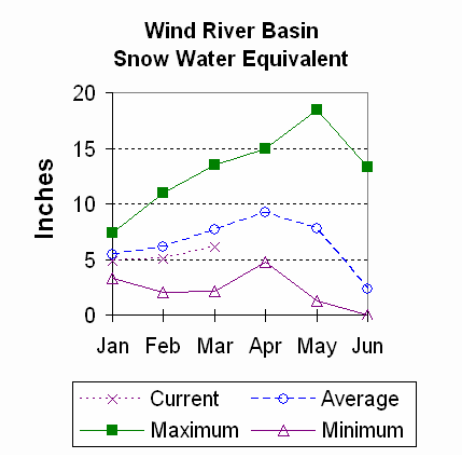
UPPER YELLOWSTONE & MADISON RIVER BASINS
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON RIVER in WY	8	152	109
YELLOWSTONE RIVER in WY	12	156	103

Wind River Basin

Snow

The Wind River Basin SWE is below average for this time of the year at 81% of average (95% of last year). SWE in the Wind River above Dubois is 87% of average (147% of last year at this time). The Little Wind SWE is 65% of average water content (65% of last year), and the Popo Agie drainage SWE is about 82% of average (68% of last year). See the Basin Summary of Snow Course Data at the front of this report for details.

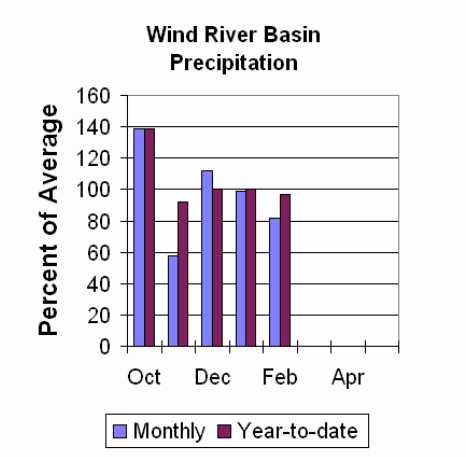


Precipitation

Last months precipitation in the basin varied widely from 72-100% of average. Precipitation for the basin was about 82% of average from the 8 reporting stations; that is about 153% of last year's amount. Water year-to-date precipitation is 97% of average and about 112% of last year at this time. Year-to-date percentages range from 76-110% of average.

Reservoirs

Current storage varies from 48-89% of average. Usable storage in Bull Lake is currently about 72,300 ac-ft (48% of capacity) - last year the reservoir was at 68% of capacity at this time. Boysen Reservoir is storing about 89% of capacity (530,200 ac-ft) – last year the reservoir was at 97% of capacity at this time. Pilot Butte is at 79% of capacity (24,900 ac-ft) – last year the reservoir was at 70% 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 87,000 ac-ft (93% of average). The Wind River above Bull Lake Creek is 510,000 ac-ft (95% of average). Bull Lake Creek near Lenore is 147,000 ac-ft (81% of average). Wind River at Riverton will yield around 530,000 ac-ft (83% of average). Little Popo Agie River near Lander is around 45,000 ac-ft (85% of average). South Fork of Little Wind near Fort Washakie will yield around 65,000 ac-ft (77% of average). Little Wind River near Riverton will yield around 270,000 ac-ft (86% of average). Boysen Reservoir inflow will yield around 645,000 ac-ft (80% of average). See the following page for detailed runoff volumes.

WIND RIVER BASIN
Streamflow Forecasts - March 1, 2006

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	43	54	61	92	68	79	67
APR-SEP	65	78	87	93	96	109	94
WIND RIVER abv Bull Lake Cr (2)							
APR-JUL	300	365	410	94	455	520	435
APR-SEP	390	460	510	95	560	630	535
BULL LAKE CR near Lenore (2)							
APR-JUL	78	103	120	81	137	162	148
APR-SEP	94	125	147	81	169	199	182
WIND RIVER at Riverton (2)							
APR-JUL	245	370	455	84	540	665	545
APR-SEP	310	440	530	83	620	750	640
LT POPO AGIE RIVER nr Lander							
APR-JUL	21	32	39	85	46	57	46
APR-SEP	26	37	45	85	53	64	53
SF LT WIND nr Fort Washakie							
APR-JUL	32	47	57	78	67	82	73
APR-SEP	37	54	65	77	76	93	84
LT WIND RIVER nr Riverton							
APR-JUL	96	180	240	86	300	385	280
APR-SEP	118	210	270	86	330	420	315
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	285	460	580	81	700	875	717
APR-SEP	325	515	645	80	775	970	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	72.3	103.7	85.4
BOYSEN	596.0	530.2	579.0	571.4
PILOT BUTTE	31.6	24.9	22.0	19.9

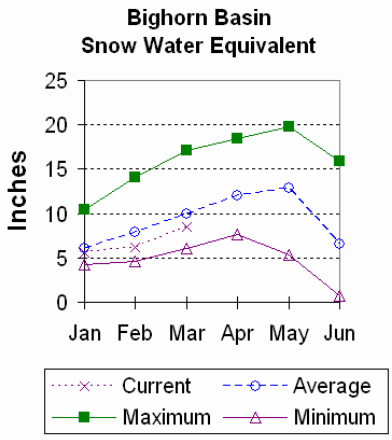
WIND RIVER BASIN
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER above Dubios	7	145	85
LITTLE WIND	2	65	65
POPO AGIE	7	69	82
WIND above Boysen Resv	14	97	80

Bighorn River Basin

Snow

The Bighorn River Basin SWE, as a whole, is below average at 86% (127% of last year). Nowood River is at 91% of average (145% of last year). Greybull River SWE is at 76% of average (146% of last year). Shell Creek SWE is 85% of average (111% of last year). For more information see Basin Summary of Snow Courses at beginning of report.

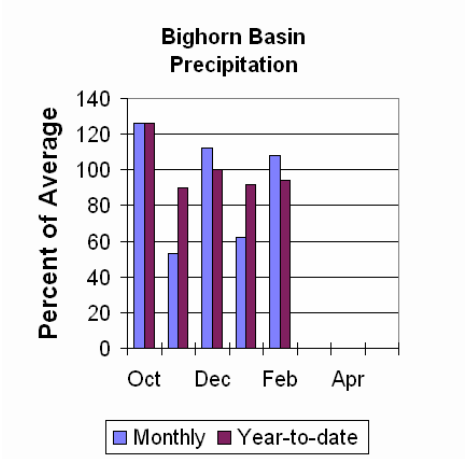


Precipitation

Last month's precipitation was 108% of average (177% of last year). Sites ranged from 74-160% of average for the month. Year-to-date precipitation is 94% of average; that is 123% of last year at this time. Year-to-date percentages, from the 10 reporting stations, range from 72-111%.

Reservoir

Boysen reservoir is currently storing 530,200 ac-ft (93% of average). Bighorn Lake is now at 100% of average (829,500 ac-ft). Boysen is currently storing 92% of last year volume at this time and Big Horn Lake is storing 126% 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 645,000 ac-ft (80% of average); the Greybull River near Meeteetse should yield around 145,000 ac-ft (73% 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 910,000 ac-ft (82% of average). See the following page for detailed runoff volumes.

BIGHORN RIVER BASIN
Streamflow Forecasts - March 1, 2006

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	285	460	580	81	700	875	717
APR-SEP	325	515	645	80	775	970	809
GREYBULL RIVER nr Meeteetse							
APR-JUL	79	94	105	71	116	131	148
APR-SEP	111	131	145	73	159	178	200
SHELL CREEK nr Shell							
APR-JUL	41	48	52	87	56	63	60
APR-SEP	52	59	63	88	67	74	72
BIGHORN RIVER at Kane (2)							
APR-JUL	560	715	820	82	925	1080	1000
APR-SEP	620	790	910	82	1030	1200	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	530.2	579.0	571.4
BIGHORN LAKE	1356.0	829.5	657.3	826.3

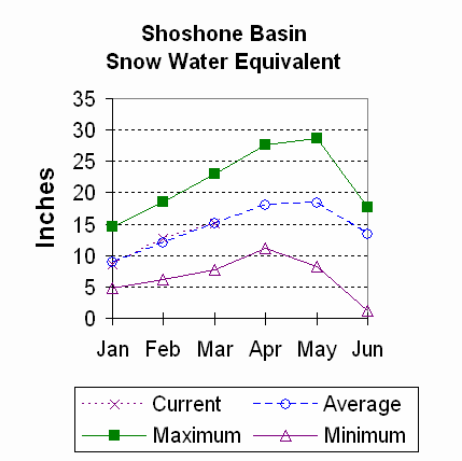
BIGHORN RIVER BASIN
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
NOWOOD RIVER	5	145	91
GREYBULL RIVER	2	146	76
SHELL CREEK	4	111	85
BIGHORN (Boysen-Bighorn)	11	127	86

Shoshone and Clarks Fork River Basin

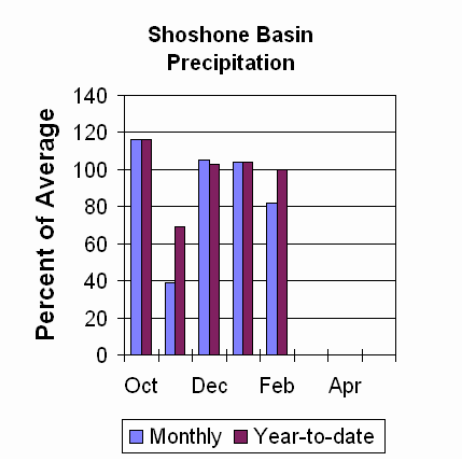
Snow

Snow Water Equivalent (SWE) is 82% of average (142% of last year) in the Shoshone River Basin. The Clarks Fork River Basin SWE is 100% of average (165% 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 82% of average (146% of last year). Monthly percentages range from 54-90% of average. The basin year-to-date precipitation is now 100% of average (155% of last year). Year-to-date percentages from the 8 reporting stations range from 84-113% of average.



Reservoir

Current storage in Buffalo Bill Reservoir is about 117% of average (101% of last year's storage); the reservoir is at about 73% of capacity. Currently, about 473,000 ac-ft are stored in the reservoir compared to 470,600 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

Water supply is estimated to be below average this year. The following values are the 50% exceedance forecasts for the April through September period. The North Fork Shoshone River at Wapiti is 510,000 ac-ft (98% of average). The South Fork of the Shoshone River near Valley is 225,000 ac-ft (85% of average), and the South Fork above Buffalo Bill Reservoir runoff is 187,000 ac-ft (83% of average). The Buffalo Bill Reservoir inflow is expected to yield around 710,000 ac-ft (88% of average). The yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be around 600,000 ac-ft (101% of average). See the following page for detailed runoff volumes.

SHOSHONE & CLARKS FORK RIVER BASINS
Streamflow Forecasts - March 1, 2006

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	385	425	450	98	475	515	460
APR-SEP	435	480	510	98	540	585	520
SF SHOSHONE RIVER nr Valley							
APR-JUL	154	181	200	89	219	244	225
APR-SEP	170	203	225	85	245	280	265
SF SHOSHONE RIVER abv Buffalo Bill							
APR-JUL	98	146	178	83	210	259	215
APR-SEP	99	151	187	83	222	277	225
BUFFALO BILL DAM Inflow (2)							
APR-JUL	495	580	635	88	690	775	720
APR-SEP	560	650	710	88	770	860	805
CLARKS FORK RIVER nr Belfry							
APR-JUL	455	510	545	101	580	635	540
APR-SEP	505	560	600	101	640	695	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	473.0	470.6	405.8

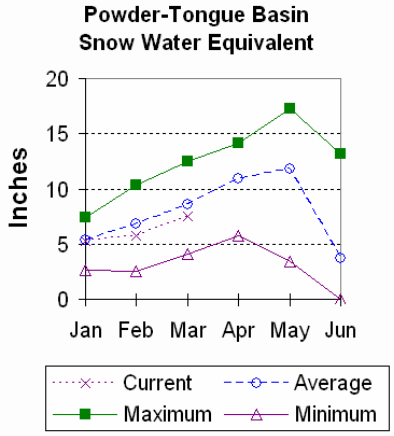
SHOSHONE & CLARKS FORK RIVER BASINS
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SHOSHONE RIVER	6	142	82
CLARKS FORK in WY	7	165	100

Powder and Tongue River Basins

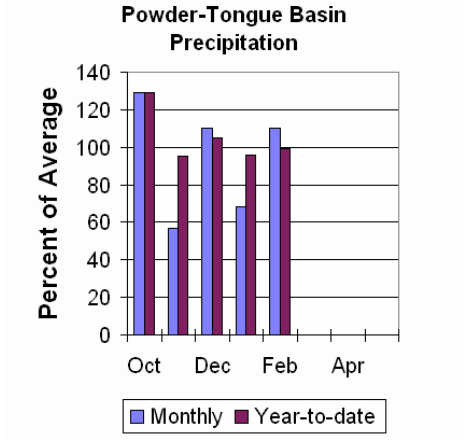
Snow

SWE in the Powder and Tongue River Basins are below average this year. Snow water equivalent (SWE) in the Upper Tongue River drainage is 87% of average (121% of last year). The Goose Creek drainage is 82% of average or 113% of last year. SWE in the Clear Creek drainage is 76% of average or 101% of last year. Crazy Woman Creek drainage is 74% of average or 103% of last year. Upper Powder River drainage SWE is 97% of average or 146% of last year. Powder River basin SWE, in Wyoming is 87% of average or 123% of last year. For more information see Basin Summary of Snow Courses at beginning of report.



Precipitation

Last month's precipitation was 110% of average for the 10 reporting stations (162% of last year). Monthly percentages range from 53-140% of average. Year-to-date precipitation is 99% of average in the basin; this is 119% of last year. Precipitation for the year ranges from 86-129% of average at the 10 reporting stations.



Reservoir

Tongue River Reservoir was at 172% of average (101% of last year and 54% of capacity). Current storage was 42,400 ac-ft. Last year at this time the reservoir was storing about 42,100 ac-ft (average storage is about 24,600 ac-ft 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 runoff values are the 50% probability forecasts for the April through September period. The yield for Tongue River near Dayton is 95,000 ac-ft (87% of average). Little Goose Creek near Bighorn is 35,000 ac-ft (83% of average). The Tongue River Inflow is 198,000 ac-ft (79% of average). The Middle Fork of the Powder River near Barnum is 18,500 ac-ft (99% of average). The North Fork of the Powder River near Hazelton should yield around 10,100 ac-ft (97% of average). The estimated yield for Clear Creek near Buffalo is 37,000 ac-ft (95% of average). Rock Creek near Buffalo will yield about 19,700 ac-ft (82% of average), and Piney Creek at Kearny should yield about 42,000 ac-ft (81% of average). March through September values for the Powder River at Moorehead is 230,000 ac-ft (87% of average). The Powder River near Locate is 285,000 ac-ft (85% of average). See the following page for detailed runoff volumes.

POWDER & TONGUE RIVER BASINS
Streamflow Forecasts - March 1, 2006

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	55	72	83	87	94	111	96
APR-SEP	65	83	95	87	107	125	109
LITTLE GOOSE CREEK nr Big Horn							
APR-JUL	16.7	23	28	82	33	39	34
APR-SEP	22	30	35	83	40	48	42
TONGUE RIVER RESERVOIR Inflow (2)							
APR-JUL	83	139	177	81	213	273	220
APR-SEP	98	157	198	79	238	298	250
MIDDLE FORK POWDER nr Barnum							
APR-JUL	10.6	14.7	17.5	98	20	24	17.8
APR-SEP	11.3	15.6	18.5	99	21	26	18.7
NORTH FORK POWDER nr Hazelton							
APR-JUL	6.9	8.3	9.3	97	10.3	11.7	9.6
APR-SEP	7.5	9.1	10.1	97	11.1	12.7	10.4
CLEAR CREEK nr Buffalo							
APR-JUL	21	28	32	94	36	43	34
APR-SEP	25	32	37	95	42	49	39
ROCK CREEK nr Buffalo							
APR-JUL	10.7	13.9	16.1	81	18.3	22	19.9
APR-SEP	14.1	17.4	19.7	82	22	26	24
PINEY CREEK at Kearny							
APR-JUL	12.7	28	39	80	50	65	49
APR-SEP	15.0	31	42	81	53	69	52
POWDER RIVER at Moorehead							
MAR-JUL	95	165	210	88	255	325	240
MAR-SEP	115	185	230	87	275	345	265
POWDER RIVER near Locate							
MAR-JUL	185	230	265	86	300	345	310
MAR-SEP	195	250	285	85	320	375	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 February

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
TONGUE RIVER	79.1	42.4	42.1	24.6

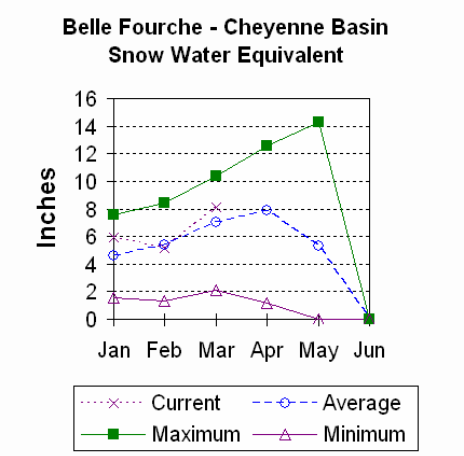
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER TONGUE RIVER	10	121	87
GOOSE CREEK	3	113	82
CLEAR CREEK	4	101	76
CRAZY WOMAN CREEK	3	103	74
UPPER POWDER RIVER	4	146	97
POWDER RIVER in WY	8	123	87

Belle Fourche and Cheyenne River Basins

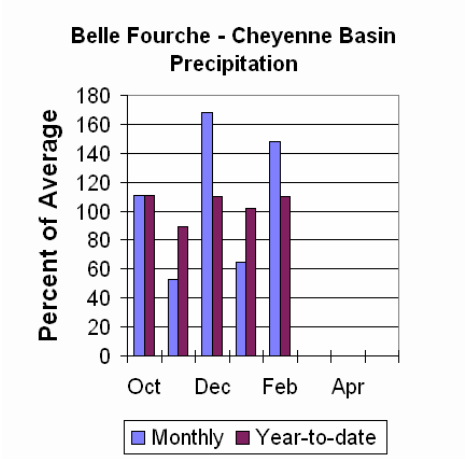
Snow

The Belle Fourche River Basin is currently at 113% of average or 307% 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 148% of average or 400% of last year in the Black Hills. There were 2 reporting stations. Monthly percentages range from 147-150%. Year-to-date precipitation is 110% of average and 160% of last year's amount.



Reservoir

Current reservoir storage is around 63% of average in the basin. Angostura is currently storing 51% of average (51,400 ac-ft), about 42% of capacity. Belle Fourche reservoir is storing 58% of average (65,300 ac-ft), about 37% of capacity. Deerfield reservoir is storing 87% of average (11,500 ac-ft), about 76% of capacity. Keyhole reservoir is storing 69% of average (72,800 ac-ft), about 38% of capacity. Pactola reservoir is storing 77% of average (35,500 ac-ft), about 65% of capacity. Shadehill reservoir is storing 68% of average (33,900 ac-ft), about 42% 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 6,400 ac-ft (120% of average). Pactola Reservoir Inflow is expected to yield around 24,000 ac-ft (127% of average). See the following page for detailed runoff volumes.

BELLE FOURCHE & CHEYENNE RIVER BASINS
Streamflow Forecasts - March 1, 2006

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	4.3	6.3	7.6	121	8.9	10.9	6.3
APR-JUL			6.4	120			5.3
PACTOLA RESERVOIR Inflow							
MAR-JUL	9.2	19.8	27	129	34	45	21
APR-JUL	6.7	17.0	24	127	31	41	18.9

* 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	51.4	56.4	101.7
BELLE FOURCHE	178.4	65.3	77.1	113.0
DEERFIELD	15.2	11.5	13.1	13.2
KEYHOLE	193.8	72.8	94.6	105.9
PACTOLA	55.0	35.5	41.0	46.0
SHADEHILL	81.4	33.9	47.2	50.0

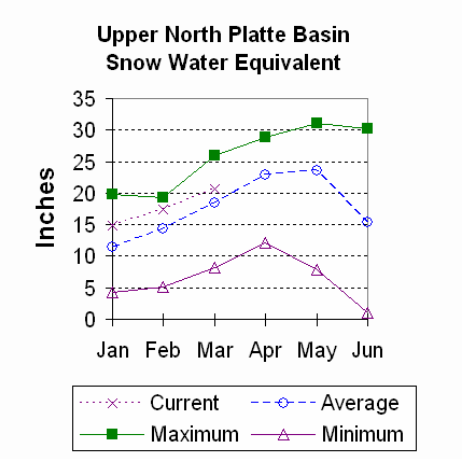
BELLE FOURCHE & CHEYENNE RIVER BASINS
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BELLE FOURCHE	8	313	116

Upper North Platte River Basin

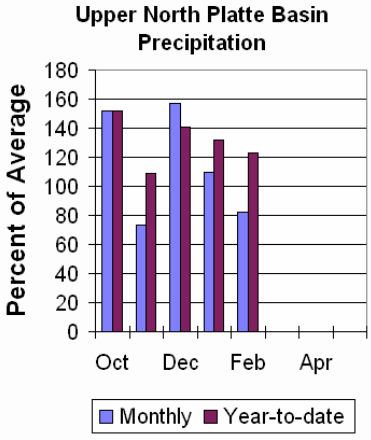
Snow

SWE in the Upper North Platte River Basin is above average this year. The snow courses above Seminoe Reservoir have about 112% of average snow water equivalent (SWE) recorded for this time of the year or 128% of last year. SWE in the drainage area above Northgate is about 111% of average or 130% of last year at this time. SWE in the Encampment River drainage is about 117% of average or 119% of last year. Brush Creek SWE for the year is about 114% of average or 139% of last year's SWE. Medicine Bow and Rock Creek drainages SWE are about 108% of average or 147% 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 was 82% of average or 96% of last year's amount. Monthly precipitation varied from 60-112% of average. Total water-year-to-date precipitation is about 123% of average for the basin, which is about 127% of last year's amount. Year to date percentage ranges from 104-138% of average.



Reservoirs

Seminoe Reservoir is estimated to be storing 401,000 ac-ft or 39% of capacity. Seminoe Reservoir is also storing about 76% of average for this time of the year and 150% 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

Water supply is estimated to be above average this year. 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 310,000 ac-ft (115% of average). The Encampment River near Encampment is 220,000 ac-ft (133% of average). Rock Creek near Arlington is 66,000 ac-ft (116% of average). Sweetwater River near Alcova runoff is 80,000 ac-ft (100% of average). Seminoe Reservoir inflow should be around 1,000,000 ac-ft (116% of average). See the following table for more detailed information on projected runoff.

UPPER NORTH PLATTE RIVER BASIN
Streamflow Forecasts - March 1, 2006

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	180	237	280	114	327	385	245
APR-SEP	194	265	310	115	355	425	270
ENCAMPMENT RIVER nr Encampment							
APR-JUL	158	183	200	128	215	240	156
APR-SEP	176	200	220	133	240	265	165
ROCK CREEK nr Arlington							
APR-JUL	42	53	61	115	70	83	53
APR-SEP	46	58	66	116	75	89	57
SWEETWATER RIVER nr Alcova							
APR-JUL	33	58	75	101	92	117	74
APR-SEP	36	62	80	100	98	124	80
SEMINOE RESERVOIR Inflow							
APR-JUL	630	810	930	116	1050	1230	800
APR-SEP	685	875	1000	116	1130	1310	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	401.0	266.8	527.4

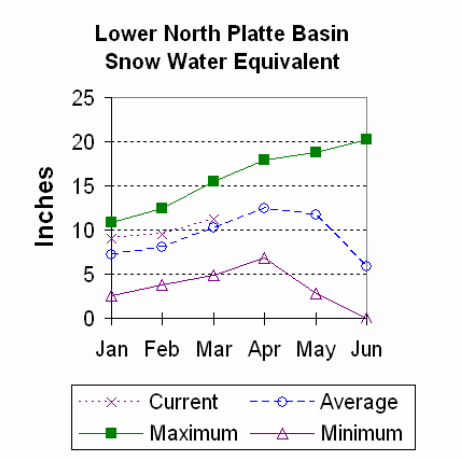
UPPER NORTH PLATTE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
N PLATTE above Northgate	7	130	111
ENCAMPMENT RIVER	4	119	117
BRUSH CREEK	5	139	114
MEDICINE BOW & ROCK CREEKS	3	147	108
N PLATTE above Seminoe	19	128	112

Lower North Platte River Basin

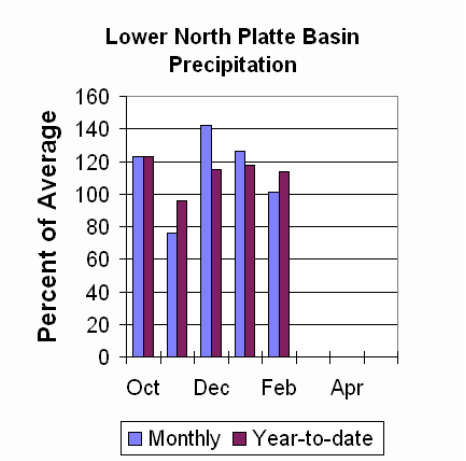
Snow

SWE for the North Platte River Basin is above average at 110% (127% of last year). The Sweetwater drainage SWE is currently at 95% of average (79% of last year). Deer and LaPrele Creek SWE is at 120% of average and 199% of last year. SWE for the North Platte above the Laramie River drainage is 110% of average (124% of last year). SWE for the Laramie River above Laramie is 107% of average (124% of last year). SWE for the Little Laramie River is 120% of average and 145% of last year. The Laramie River above mouth, SWE is 108% of average (129% of last year). For more information see Basin Summary of Snow Courses at the beginning of this report.



Precipitation

Last month's precipitation was 101% of average and 155% of last year's amount. Of the 8 reporting stations, percentages for the month range from 64-151%. The water year-to-date precipitation for the basin is currently 114% of average (131% of last year). Year-to-date percentages range from 91-179%.



Reservoir

The Lower North Platte River Basin reservoir storage is below average at 65%. Reservoir storage is as follows: Alcova 156,600 ac-ft (101% of average); Glendo 286,700 ac-ft (75% of average); Guernsey 15,400 ac-ft (108% of average); Pathfinder 290,000 ac-ft (41% of average); Seminoe 401,000 ac-ft (76% of average); and Wheatland #2 48,000 ac-ft (101% of average).

Streamflow

Water supply is estimated to be about average this year. 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 80,000 ac-ft (100% of average). Deer Creek at Glenrock is forecast to yield 30,000 ac-ft (73% of average). LaPrele Creek above the reservoir is forecast to yield 18,600 ac-ft (78% of average). North Platte Alcova to Orin Gain 138,000 ac-ft (86% of average). North Platte River below Guernsey Reservoir is 1,190,000 ac-ft (118% of average), and below Glendo Reservoir is anticipated to yield around 1,160,000 ac-ft (117% of average). Laramie River near Woods Landing should yield around 155,000 ac-ft (115% of average). The Little Laramie near Filmore should produce about 72,000 ac-ft (113% of average). See the following table for more detailed information on projected runoff.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Streamflow Forecasts - March 1, 2006

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	33	58	75	101	92	117	74
APR-SEP	36	62	80	100	98	124	80
DEER CREEK at Glenrock							
APR-JUL	18.0	25	30	80	35	42	38
APR-SEP	17.0	25	30	73	35	43	41
LaPRELE CREEK abv Reservoir							
APR-JUL	2.8	12.1	18.4	77	24	34	24
APR-SEP	2.8	12.2	18.6	78	25	35	24
NORTH PLATTE - Alcova to Orin Gain							
APR-JUL	40	94	131	86	168	222	152
APR-SEP	46	101	138	86	175	229	161
NORTH PLATTE RIVER blw Glendo Res							
APR-JUL	855	1010	1120	117	1230	1380	960
APR-SEP	880	1050	1160	117	1270	1440	990
NORTH PLATTE RIVER blw Guernsey Res							
APR-JUL	820	1020	1150	119	1280	1480	970
APR-SEP	850	1050	1190	118	1330	1530	1010
LARAMIE RIVER nr Woods							
APR-JUL	82	118	142	115	166	200	123
APR-SEP	89	128	155	115	182	219	135
LITTLE LARAMIE RIVER nr Filmore							
APR-JUL	50	61	69	117	77	88	59
APR-SEP	51	64	72	113	80	93	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	156.6	155.8	155.6
GLENDO	506.4	286.7	287.6	381.4
GUERNSEY	45.6	15.4	19.4	14.2
PATHFINDER	1016.5	290.0	248.7	712.4
SEMINOE	1016.7	401.0	266.8	527.4
WHEATLAND #2	98.9	48.0	33.0	47.7

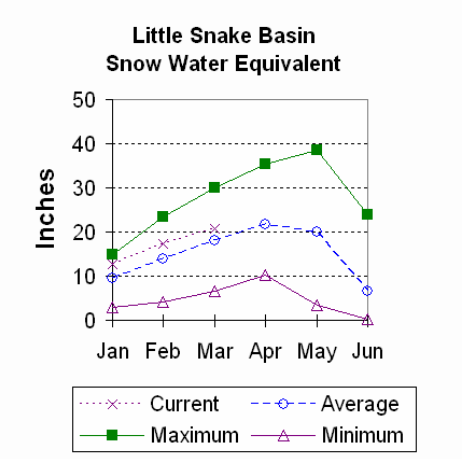
LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SWEETWATER	4	79	95
DEER & LaPRELE CREEKS	3	199	120
N PLATTE abv Laramie R.	26	124	110
LARAMIE RIVER abv Laramie	10	124	107
LITTLE LARAMIE RIVER	5	145	120
LARAMIE RIVER above mouth	13	129	108
NORTH PLATTE	32	127	110

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 115% of average (113% of last year at this time). For more information see Basin Summary of Snow Courses at beginning of this report.

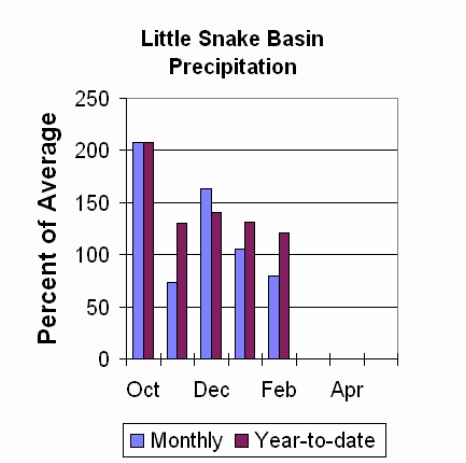


Precipitation

Precipitation across the basin was below average this past month. Last Month's precipitation was 80% of average (93% of last year) for the 5 reporting stations. Last month's precipitation ranged from 60-146% of average. The Little Snake River Basin water-year-to-date precipitation is currently 121% of average (115% of last year). Year-to-date percentages range from 104-137% of average.

Reservoir

High Savery Dam -Pending



Streamflow

The 50% exceedance forecast for the Little Snake River drainage is expected to be above 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 185,000 ac-ft (116% of average). The Little Snake River near Dixon is estimated to yield around 380,000 ac-ft (112% of average). See the following table for more detailed information on projected runoff.

LITTLE SNAKE RIVER BASIN
Streamflow Forecasts - March 1, 2006

	<=== 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	136	164	185	116	207	242	159
Little Snake River nr Dixon							
APR-JUL	254	326	380	112	438	532	340

* 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.

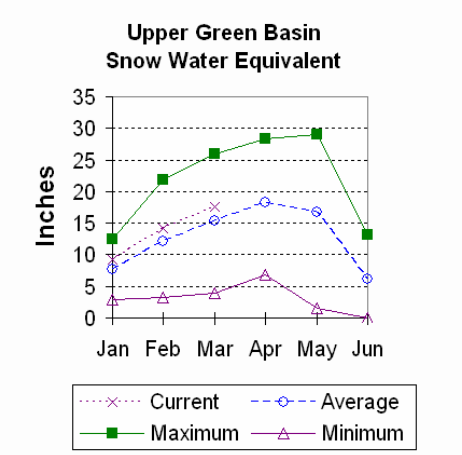
LITTLE SNAKE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LITTLE SNAKE RIVER	8	113	115

Upper Green River Basin

Snow

Snow water equivalent (SWE) is above average in the Upper Green River drainage this year. The Green River Basin SWE above Warren Bridge is at 102% or 138% of last year. SWE on the west side of the Upper Green River Basin is about 119% of average (139% of last year). Newfork River Basin SWE is now about 112% of average or 120% of last year. Big Sandy-Eden Valley Basin is at 103% or 96% of last year. SWE in the Green River Basin above Fontenelle Reservoir is about 114% of average (136% of last year). For more information see the Basin Summary of Snow Courses at the beginning of this report.

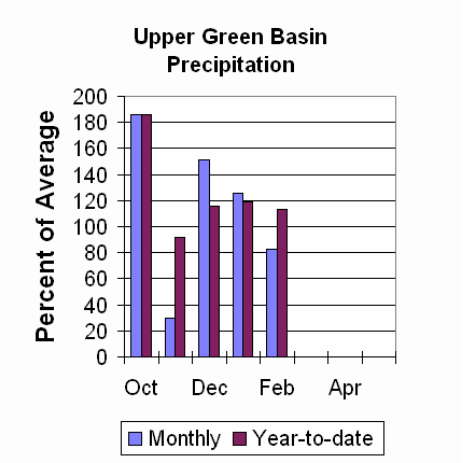


Precipitation

The 11 reporting precipitation sites in the basin were 83% of average last month (126% of last year). Last month's precipitation varied from 62-107% of average. Water year-to-date precipitation is about 113% of average (134% of last year). Year to date percentage of average ranges from 98-131% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 31,800 ac-ft or 83% of capacity and 166% of average. Eden Reservoir - No Report. Fontenelle Reservoir is 146,000 ac-ft or 42% of capacity and 94% of average. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The 50% exceedance forecasts for the April through July runoff period in the Upper Green River Basin are forecast to be above average. The yield on the Green River at Warren Bridge is around 270,000 ac-ft (102% of average). Pine Creek above Fremont Lake is 106,000 ac-ft (102% of average). New Fork River near Big Piney is 405,000 ac-ft (103% of average). Fontenelle Reservoir Inflow is estimated to be 905,000 ac-ft (105% of average), and Big Sandy near Farson is expected to be around 58,000 ac-ft (100% of average). See the following table for more detailed information on projected runoff.

UPPER GREEN RIVER BASIN
Streamflow Forecasts - March 1, 2006

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	217	248	270	102	293	329	265
Pine Creek abv Fremont Lake							
APR-JUL	90	99	106	102	113	124	104
New Fork River nr Big Piney							
APR-JUL	297	359	405	103	454	530	395
Fontenelle Reservoir Inflow							
APR-JUL	622	784	905	105	1034	1241	860
Big Sandy River nr Farson							
APR-JUL	42	51	58	100	65	77	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	31.8	22.9	19.1
EDEN		NO REPORT		
FONTENELLE	344.8	146.0	147.2	156.1

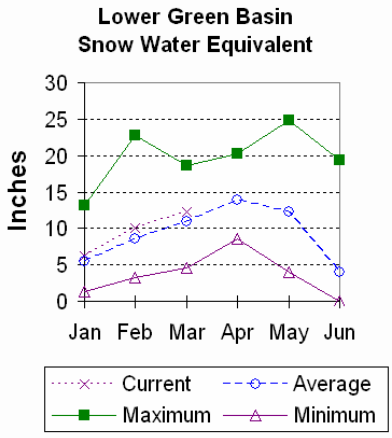
UPPER GREEN RIVER BASIN
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
GREEN above Warren Bridge	4	137	102
UPPER GREEN (West Side)	7	139	119
NEWFORK RIVER	3	120	112
BIG SANDY/EDEN VALLEY	2	96	103
GREEN above Fontenelle	14	136	114

Lower Green River Basin

Snow

SWE in the Lower Green River Basin is good this year. SWE in the Hams Fork Basin is 122% of average (121% of last year). Blacks Fork Basin SWE is currently 118% of average (116% of last year). The Henrys Fork drainage is at 97% of average or 90% of last year. SWE in the Green River Basin above Flaming Gorge is 113% of average (125% of last year). For more information see Basin Summary of Snow Courses at beginning of this report.

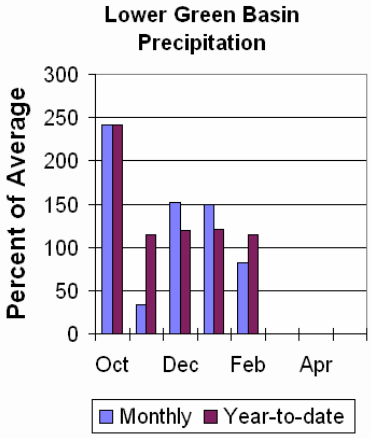


Precipitation

Precipitation was above average for the 3 reporting stations during last month at 82% of average or 115% of last year. Precipitation ranged from 72-95% of average for the month. The basin year-to-date precipitation is currently 115% of average (120% of last year). Year-to-date percentages range from 113-118%.

Reservoir

Fontenelle Reservoir is currently storing 146,000 ac-ft; this is 94% of average (99% of last year). Flaming Gorge is currently storing 3,034,000 ac-ft; this is 104% of average (109% of last year). Viva Naughton is storing 30,600 ac-ft or 72% of capacity and 105% of average.



Streamflow

Expected yields vary from 97-123% of average across the basin. The following values are the 50% exceedance forecasts for the April through July period. The Green River near Green River is forecast to yield about 915,000 ac-ft (105% of average). The Blacks Fork near Robertson is forecast to yield 92,000 ac-ft (97% of average). East Fork of Smiths Fork near Robertson is forecast to yield 28,000 ac-ft (97% of average). The yield for Hams Fork near Frontier is 80,000 ac-ft (123% of average). The Hams Fork Inflow to Viva Naughton Reservoir is 110,000 ac-ft (124% of average). The Flaming Gorge Reservoir inflow will be about 1,250,000 ac-ft (105% of average). See the following table for more detailed information on projected runoff.

LOWER GREEN RIVER BASIN
Streamflow Forecasts - March 1, 2006

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	632	794	915	105	1044	1250	875
Blacks Fork nr Robertson							
APR-JUL	64	80	92	97	105	125	95
EF of Smiths Fork nr Robertson							
APR-JUL	18.2	24	28	97	33	40	29
Hams Fk blw Pole Ck nr Frontier							
APR-JUL	57	70	80	123	91	107	65
Hams Fork Inf to Viva Naughton Res							
APR-JUL	75	95	110	124	126	151	89
Flaming Gorge Reservoir Inflow (2)							
APR-JUL	798	1055	1250	105	1462	1803	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	146.0	147.2	156.1
FLAMING GORGE	3749.0	3034.0	2784.0	2919.0
VIVA NAUGHTON RES	42.4	30.6	32.0	29.1

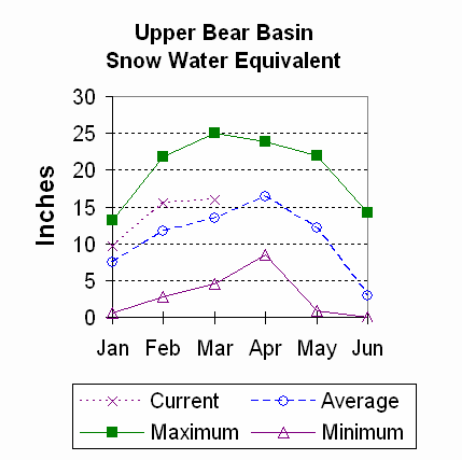
LOWER GREEN RIVER BASIN
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HAMS FORK RIVER	4	121	122
BLACKS FORK	5	116	118
HENRYS FORK	3	90	97
GREEN above Flaming Gorge	26	125	113

Upper Bear River Basin

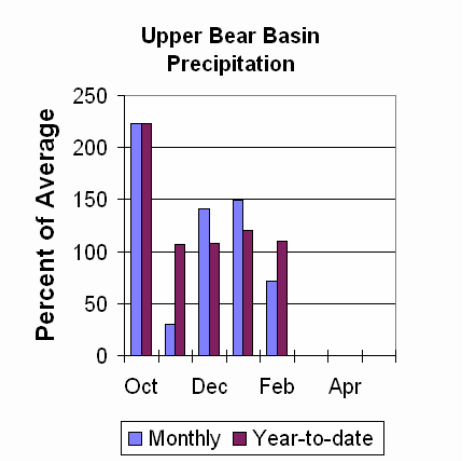
Snow

Snow water equivalent (SWE) in the Upper Bear River Basin is good. Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 114% of average; that is about 97% of last year at this time. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 121% of average (122% of last year). Bear River Basin SWE, above the Idaho State line, is 119% of average and 110% 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 72% of average for the 2 reporting stations; this is 104% of the precipitation received last year. The year-to-date precipitation, for the basin, is 110% of average; this is 124% of last year's amount.



Reservoir

Storage in Woodruff Narrows reservoir is about 35,000 ac-ft (127% of average). Current reservoir storage is about 61% of capacity. Reservoir storage last year at this time was 19,000 ac-ft at this time.

Streamflow

The following 50% exceedance forecasts are for the April through September period. The Bear River above the Utah-Wyoming State Line is 137,000 ac-ft (110% of average). The Bear River above Woodruff Reservoir is 154,000 ac-ft (109% of average). The Smiths Fork River near Border is 145,000 ac-ft (120% of average). See the following table for more detailed information on projected runoff.

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UPPER BEAR RIVER BASIN
Streamflow Forecasts - March 1, 2006

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	96	113	125	111	137	154	113
APR-SEP	104	123	137	110	151	170	125
Bear River ab Reservoir nr Woodruff							
APR-JUL	101	129	148	109	167	195	136
APR-SEP	106	134	154	109	174	202	142
Smiths Fork nr Border							
APR-JUL	103	117	126	122	135	149	103
APR-SEP	119	135	145	120	155	171	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	35.0	19.0	27.6

UPPER BEAR RIVER BASIN
Watershed Snowpack Analysis - March 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER BEAR RIVER in Utah	7	97	114
SMITHS & THOMAS FORKS	4	122	121
BEAR RIVER abv ID line	9	110	119
NORTHWEST	74	144	101
NORTHEST	23	139	91
SOUTHEAST	36	128	112
SOUTHWEST	35	119	114

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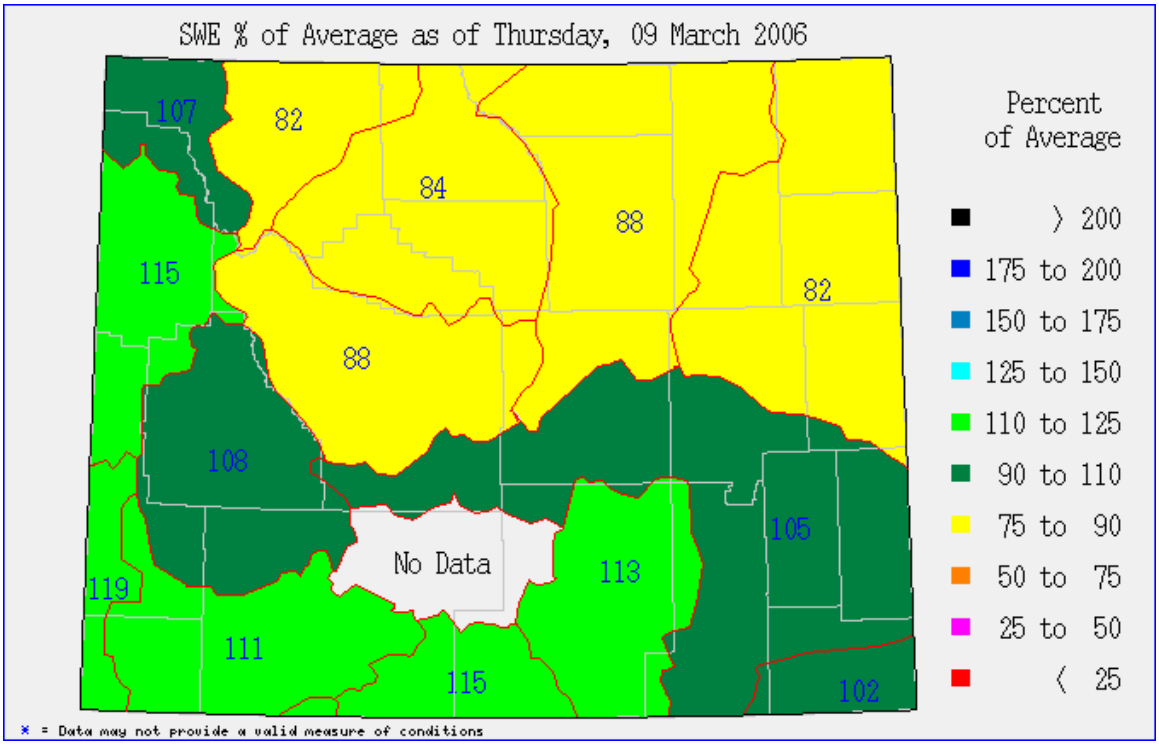

Wyoming
Basin Outlook Report

Natural Resources Conservation Service
Casper, WY

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