United States
Department of
Agriculture

**Natural
Resources
Conservation
Service**

Wyoming
Basin Outlook Report
April 1, 2006

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

For more water supply and resource management information, contact:

Lee Hackleman
Water Supply Specialist
100 East "B" Street
Casper, WY 82601
(307) 233-6744

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. SWE for the State of Wyoming as a whole is 101% of average for early April. Snowfall during March was generally below average across the state. Precipitation for last month in the basins varied from 63% of average to 110% of average for the State. Year-to-date precipitation is also above average for the year and varies from 89-119% of average in the basins. Basin reservoir levels for Wyoming vary from 39-159% of average for an overall average of 89%. Forecast runoff varies from 71-122% of average across Wyoming.

Snowpack

Snow water equivalent (SWE), across Wyoming is near average for this time of year at 101%. SWE in the NW portion of Wyoming is now about 98% of average (136% of last year). NE Wyoming SWE is currently about 85% of average (118% of last year). The SE portion of Wyoming SWE is currently about 109% of average (126% of last year). The SW portion of Wyoming SWE is about 112% 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 Wind River Basin had the lowest precipitation for the month at 63% of average. The Little Snake River Basin had the highest precipitation amount at 110% of average. The following table displays the major river basins and their departure from average for last month.

Basin	Departure from average	Basin	Departure from average
Snake River	-15%	Upper North Platte River	+01%
Upper Yellowstone & Madison	-19%	Lower North Platte	-15%
Wind River	-37%	Little Snake River	+10%
Big Horn	-29%	Upper Green River	-16%
Shoshone & Clarks Fork	-31%	Lower Green River	-04%
Powder & Tongue River	-28%	Upper Bear River	-21%
Belle Fourche & Cheyenne	-20%		

Streams

Stream flow yield is expected to be above average across Wyoming. Most probable yield for the entire State of Wyoming is forecast to be about 103%; varying from 71-122%. The Snake River, Upper Yellowstone & Madison River Basins are expected to yield about 111, 105% of average respectively; yield estimates range from 103-111% of average for the various forecast points in these basins. Yields from the Wind and Bighorn River Basins are expected to be about 77 and 80% of average; varying from 70-91% f average in the basins. Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 85, 97% of average respectively; varying from 78-97% of average. Yields from the Powder & Tongue River Basins are expected to be about 81, 71% of average respectively; varying from 71-95%. Yields for the Belle Fourche & Cheyenne River Basins are expected to be about 121% of average. Yields for the Upper and Lower North Platte River of Wyoming will be about 115 and 105% of average, respectively -- varying from 73-124%. Yields for the Little Snake, Upper Green River, Lower Green River, Big Sandy and Little Bear River Basins of Wyoming are expected to be 112, 102, 102, 98 and 116% of average respectively -- yield estimates vary from 98-129%.

Reservoirs

One reservoir is not reporting. Reservoirs on the Upper North Platte River are well below average at 83% of average. . Reservoirs on the Lower North Platte River are well below average at 66% of average. Most of the reservoirs in the northeast are below average in storage at 60% except for the Tongue River Reservoir at 159% of normal. Reservoirs in the Wind River Basin are below average at 79%. Reservoirs on the Big Horn are below average at 91%. The Buffalo Bill Reservoir on the Shoshone is at 100%. Reservoirs on the Green River are about average at 100%. Reservoir storage varies across the state; however, reservoir storage is at 89% 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	87	98	101
ANGOSTURA	45	48	90	50	95
BELLE FOURCHE	42	48	73	57	88
BIG SANDY	69	73	54	129	95
BIGHORN LAKE	60	48	60	100	125
BOYSEN	87	110	110	79	79
BUFFALO BILL	73	73	73	100	100
BULL LAKE	48	69	69	69	69
DEERFIELD	76	86	89	85	88
EDEN			NO REPORT		
ENNIS LAKE	72	76	76	95	95
FLAMING GORGE	81	76	78	103	106
FONTENELLE	38	40	41	91	95
GLENDO	66	67	84	78	98
GRASSY LAKE	57	59	81	70	96
GUERNSEY	38	46	45	84	82
HEBGEN LAKE	70	77	69	102	91
JACKSON LAKE	50	18	57	86	271
KEYHOLE	38	49	59	65	77
PACTOLA	66	75	85	78	88
PALISADES	60	51	67	90	119
PATHFINDER	28	24	73	39	117
PILOT BUTTE	78	85	69	113	92
SEMINOE	40	27	49	83	149
SHADEHILL	45	58	78	58	78
TONGUE RIVER	61	56	38	159	109
VIVA NAUGHTON RES	67	76	66	102	88
WHEATLAND #2	57	34	55	104	166
WOODRUFF NARROWS	73	48	57	128	153
TOTAL OF 28 RESERVOIRS	63	57	70	89	109
Raw KAF Totals Current=	8314	Last Year=	7639	Average= 9351	Capacity= 13288

Basin Summary of Snow Course Data

APRIL 2006

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and SNOTEL Stations						
ALBANY	9400	3/30/06	48	14.4	10.3	13.7
ASTER CREEK	7750	3/29/06	88	34.6	19.1	30.5
BALD MOUNTAIN SNOTEL	9380	4/01/06	64	16.3	15.5	19.9
BASE CAMP SNOTEL	7030	4/01/06	---	20.8	12.0	18.1
BATTLE MTN. SNOTEL	7440	4/01/06	34	13.4	12.1	11.0
BEARLODGE DIVIDE	4680	3/29/06	0	.0	.0	1.3
BEARTOOTH LK. SNOTEL	9280	4/01/06	68	21.4	14.9	23.6
BEAR TRAP SNOTEL	8200	4/01/06	22	6.1	4.9	5.2
BIG GOOSE	7760	3/30/06	14	1.7	1.9	7.1
BIG GOOSE SNOTEL	7760	4/01/06	26	6.7	7.9	10.7
BIG PARK	8620	3/27/06	63	21.8	19.1	19.4
BIG SANDY SNOTEL	9080	4/01/06	55	15.4	15.4	14.7
BLACKWATER SNOTEL	9780	4/01/06	---	22.1	14.3	24.8
BLIND BULL SNOTEL	8900	4/01/06	80	28.5	19.1	28.3
BLIND PARK SNOTEL	6870	4/01/06	29	7.8	5.3	8.7
BLUE RIDGE	9620	3/28/06	30	7.7	11.7	11.7
BONE SPGS. SNOTEL	9350	4/01/06	53	14.1	14.1	16.4
BROOKLYN LK. SNOTEL	10220	4/01/06	76	25.8	17.3	23.9
BUCK CREEK	7960	3/27/06	42	12.0	7.6	10.6
BURGESS JCT. SNOTEL	7880	4/01/06	37	9.7	9.3	11.7
BURROUGHS CRK SNOTEL	8750	4/01/06	49	13.8	9.7	14.8
CANYON SNOTEL	8090	4/01/06	50	14.8	9.2	13.9
CASPER MTN. SNOTEL	7850	4/01/06	46	16.3	11.3	14.6
CASTLE CREEK	8400	3/31/06	13	1.6	1.4	4.8
CCC CAMP	7000	3/28/06	44	14.0	12.0	12.7
CHALK CK #1 SNOTEL	9100	4/01/06	83	29.7	27.5	24.9
CHALK CK #2 SNOTEL	8200	4/01/06	54	16.7	17.4	16.2
CINNABAR PARK SNOTEL	9690	4/01/06	68	24.0	16.4	14.1
CLOUD PEAK SNOTEL	9850	4/01/06	47	12.9	14.0	13.5
COLE CANYON SNOTEL	5910	4/01/06	18	5.3	3.4	6.2
COLD SPRINGS SNOTEL	9630	4/01/06	24	5.8	7.2	9.0
COTTONWOOD CR SNOTEL	7700	4/01/06	---	29.5	20.0	24.2
CROW CREEK SNOTEL	8830	4/01/06	18	6.3	8.0	9.0
DARBY CANYON	8250	4/03/06	76	28.0	17.4	24.5
DEER PARK SNOTEL	9700	4/01/06	54	17.2	21.8	17.1
DITCH CREEK	6870	3/28/06	17	4.2	.7	4.1
DIVIDE PEAK SNOTEL	8860	4/01/06	57	19.4	19.8	20.0
DOME LAKE SNOTEL	8880	4/01/06	36	10.2	10.7	12.6
DU NOIR	8760	3/29/06	27	5.6	5.9	8.3
EAST RIM DIV SNOTEL	7930	4/01/06	---	11.1	9.4	13.3
ELBO RANCH	7100	4/02/06	43	12.7	7.0	11.6
ELKHART PARK SNOTEL	9400	4/01/06	---	14.3	12.3	13.6
EVENING STAR SNOTEL	9200	4/01/06	74	24.6	17.4	30.1
FOUR MILE MEADOWS	7860	3/28/06	39	11.3	6.5	12.8
FOXPARK	9060	3/30/06	35	10.4	5.9	7.6
GEYSER CREEK	8500	3/29/06	21	4.5	3.8	7.1
GLADE CREEK	7040	3/29/06	72	26.8	14.6	24.3
GRANITE CRK SNOTEL	6770	4/01/06	---	21.1	13.1	18.6
GRANNIER MEADOWS	8860	3/28/06	42	12.3	14.9	14.1
GRASSY LAKE SNOTEL	7270	4/01/06	102	38.3	24.7	36.1
GRAVE SPRINGS SNOTEL	8550	4/01/06	36	9.8	6.8	9.4
GREYS BOUNDARY	5720	3/28/06	41	15.2	8.3	11.3
GROS VENTRE SNOTEL	8750	4/01/06	49	12.5	10.5	14.4
GROVER PARK DIVIDE	7000	3/28/06	34	11.4	9.6	11.2
HAIRPIN TURN	9480	3/30/06	56	18.0	11.2	16.3
HANSEN S.M. SNOTEL	8360	4/01/06	17	5.1	6.6	6.5
HAMS FORK SNOTEL	7840	4/01/06	---	16.0	12.5	12.0
HASKINS CREEK	8980	3/29/06	90	32.4	29.1	30.0
HOBACK GS	6640	3/30/06	38	12.5	7.8	--
HOBBS PARK SNOTEL	10100	4/01/06	41	11.0	14.1	15.1
HUCKLEBERRY DIVIDE	7300	3/30/06	65	23.1	13.3	21.3
INDIAN CREEK SNOTEL	9430	4/01/06	---	31.9	28.3	28.2
JACKPINE CREEK	7350	4/03/06	71	27.5	15.2	22.2
SNOW COURSE	**ELEVATION**	**DATE**	**SNOW**	**WATER**	**LAST**	**AVERAGE**

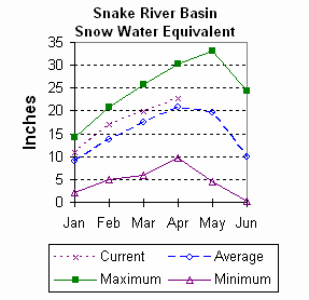
			DEPTH	CONTENT	YEAR	71-00
KELLEY R.S. SNOTEL	8180	4/01/06	---	20.5	17.5	17.1
KENDALL R.S. SNOTEL	7740	4/01/06	---	14.8	10.6	14.6
KIRWIN SNOTEL	9550	4/01/06	40	9.7	6.6	11.5
LAKE CAMP	7780	4/01/06	39	10.7	8.4	10.4
LA PRELE SNOTEL	8380	4/01/06	34	10.1	6.8	11.0
LARSEN CREEK	9020	3/29/06	45	12.8	12.4	12.7
LEWIS LAKE SNOTEL	7850	4/01/06	108	41.1	23.4	35.8
LEWIS LAKE DIVIDE	7850	3/30/06	117	49.8	27.4	42.4
LIBBY LODGE	8750	3/30/06	40	12.9	8.4	10.9
LITTLE BEAR RUN	6240	3/28/06	17	4.4	.8	2.4
LITTLE WARM SNOTEL	9370	4/01/06	38	9.3	8.1	12.0
LOOMIS PARK SNOTEL	8240	4/01/06	---	19.9	15.1	17.5
LUPINE CREEK	7380	3/28/06	29	8.4	5.5	9.9
MALLO	6420	3/28/06	30	8.0	4.0	6.5
MARQUETTE SNOTEL	8760	4/01/06	8	2.5	4.3	9.0
MEDICINE LODGE LAKES	9340	3/28/06	36	9.6	8.8	11.1
MIDDLE FORK	7420	3/28/06	12	2.6	5.1	6.0
MIDDLE POWDER SNOTEL	7760	4/01/06	43	12.8	7.8	11.8
MORAN	6750	3/30/06	36	11.5	7.1	12.4
MOSS LAKE	9800	3/28/06	71	23.0	16.6	23.6
NEW FORK SNOTEL	8340	4/01/06	---	11.0	11.2	11.3
NORRIS BASIN	7500	3/31/06	28	10.2	6.0	10.8
NORTH BARRETT CREEK	9400	3/28/06	72	23.8	17.7	21.5
NORTH FRENCH SNOTEL	10130	4/01/06	97	33.9	24.2	29.5
NORTH RAPID CK SNTL	6130	4/01/06	23	6.7	3.9	8.3
NORTH TONGUE	8450	3/31/06	36	9.6	8.3	13.0
OLD BATTLE SNOTEL	9920	4/01/06	105	37.6	33.0	32.4
OLD FAITHFUL	7400	3/31/06	40	11.4	11.2	13.9
ONION GULCH	8780	3/26/06	27	5.9	4.9	8.3
OWL CREEK SNOTEL	8980	4/01/06	14	3.3	4.2	5.6
PARKERS PEAK SNOTEL	9400	4/01/06	63	18.7	15.1	21.9
PHILLIPS BENCH SNTL	8200	4/01/06	99	34.3	22.6	29.2
POCKET CREEK	9350	3/28/06	54	16.2	13.1	13.2
POLE MOUNTAIN	8700	3/31/06	26	7.0	9.0	8.4
POWDER RVR.PASS SNTL	9480	4/01/06	38	10.1	10.7	10.9
PURGATORY GULCH	8970	3/29/06	41	11.6	10.5	11.8
RANGER CREEK	8120	3/28/06	32	7.9	6.1	8.9
RENO HILL SNOTEL	8500	4/01/06	49	15.3	10.2	14.3
REUTER CANYON	6280	3/29/06	32	10.8	.0	8.6
ROWDY CREEK	8300	3/30/06	68	23.9	15.4	21.6
RYAN PARK	8400	3/28/06	40	10.4	9.3	10.8
SAGE CK BASIN SNTL	7850	4/01/06	42	13.2	15.3	11.6
SALT RIVER SNOTEL	7600	4/01/06	---	16.7	13.5	14.6
SAND LAKE SNOTEL	10050	4/01/06	90	32.4	22.4	32.7
SANDSTONE RS SNOTEL	8150	4/01/06	46	16.4	14.0	14.8
SAWMILL DIVIDE	9260	3/30/06	41	10.4	10.1	13.0
SHELL CREEK SNOTEL	9580	4/01/06	55	14.1	13.8	14.9
SHERIDAN R.S.	7750	3/29/06	24	6.0	3.5	5.8
SNAKE RIVER STATION	6920	3/29/06	60	21.4	11.8	20.9
SNAKE RV STA SNOTEL	6920	4/01/06	58	21.4	11.8	19.2
SNIDER BASIN SNOTEL	8060	4/01/06	57	18.7	13.8	14.7
SOLDIER PARK	8780	3/26/06	15	2.7	3.2	5.9
SOUR DOUGH	8460	3/26/06	25	4.3	4.5	7.1
SOUTH BRUSH SNOTEL	8440	4/01/06	40	13.0	12.1	13.2
SOUTH PASS SNOTEL	9040	4/01/06	54	16.2	19.6	16.7
SPRING CRK. SNOTEL	9000	4/01/06	93	31.4	24.2	26.9
ST LAWRENCE ALT SNTL	8620	4/01/06	16	4.0	7.0	7.4
SUCKER CREEK SNOTEL	8880	4/01/06	38	10.5	11.4	11.8
SYLVAN LAKE SNOTEL	8420	4/01/06	57	18.2	14.8	22.8
SYLVAN ROAD SNOTEL	7120	4/01/06	36	10.7	9.1	12.9
T CROSS RANCH	7900	3/29/06	26	5.7	2.6	7.2
TETON PASS W.S.	7740	3/31/06	90	34.0	20.9	27.6
THUMB DIVIDE SNOTEL	7980	4/01/06	59	19.3	13.8	19.2
THUMB DIVIDE	7980	3/29/06	51	16.4	11.8	19.1
TIE CREEK SNOTEL	6870	4/01/06	14	5.0	2.4	6.1
TIMBER CREEK SNOTEL	7950	4/01/06	9	2.6	2.7	5.8
TOGWOTEE PASS SNOTEL	9580	4/01/06	78	24.7	16.5	25.2
TOWNSEND CRK SNOTEL	8700	4/01/06	27	6.7	10.0	8.8
TRIPLE PEAK SNOTEL	8500	4/01/06	89	31.1	20.0	25.2
SNOW COURSE	**ELEVATION**	**DATE**	**SNOW**	**WATER**	**LAST**	**AVERAGE**

			DEPTH	CONTENT	YEAR	71-00
TURPIN MEADOWS	6900	3/28/06	38	10.4	4.9	10.2
TWO OCEAN SNOTEL	9240	4/01/06	---	35.0	22.9	28.4
TYRELL RANGER STA.	8300	3/26/06	26	5.8	4.4	7.6
UPPER SPEARFISH	6500	3/30/06	24	6.7	2.5	6.7
WEBBER SPRING SNOTEL	9250	4/01/06	80	28.7	23.6	26.4
WHISKEY PARK SNOTEL	8950	4/01/06	89	40.9	27.2	30.4
WILLOW CREEK SNOTEL	8450	4/01/06	---	36.1	26.9	30.6
WINDY PEAK SNOTEL	7900	4/01/06	27	7.8	6.6	8.1
WOLVERINE SNOTEL	7650	4/01/06	25	8.5	7.6	11.6
WOOD ROCK G.S.	8440	3/31/06	28	6.6	6.3	10.2
YOUNTS PEAK SNOTEL	8350	4/01/06	54	14.1	10.2	17.3

Snake River Basin

Snow

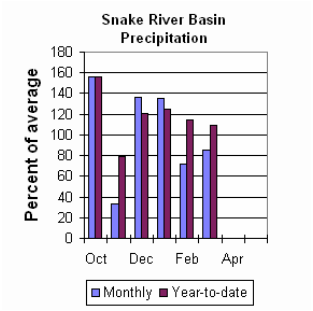
The Snake River Basin snow water equivalent (SWE) is above average. SWE in the Snake River Basin above Jackson Lake is 111% of average (167% of last year at this time). Pacific Creek Basin SWE is 114% of average (160% of last year). Gros Ventre River Basin SWE is 97% of average (147% of last year). SWE in the Hoback River drainage is 101% of average (39% of last year). SWE in the Greys River drainage is 116% of average (144% of last year). In the Salt River area SWE is 115% of average (131% of last year). SWE in the Snake River Basin above Palisades is 110% of average (153% 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 85% of average (103% of last year); last month's percentages range from 61-114% of average. Water-year-to-date precipitation is 109% of average for the Snake River Basin (148% of last year). Year-to-date percentages range from 96-123% of average.

Reservoir



Currently, usable reservoir storage is 88% of average for the three storage reservoirs in the basin. Grassy Lake storage is about 70% of average (8,600 ac-ft compared to 9,000 last year). Jackson Lake storage is 86% of average (419,800 ac-ft compared to 154,800 ac-ft last year). Palisades Reservoir storage is about 90% of average (845,400 ac-ft compared to 710,200 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 1,000,000 ac-ft (111% of average). Snake above reservoir near Alpine is 3,030,000 ac-ft (111% of average). The Snake near Irwin is 4,320,000 ac-ft (112% of average). The Snake near Heise is 4,620,000 ac-ft (111% of average). Pacific Creek at Moran is 197,000 ac-ft (111% 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 - April 1, 2006

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	(% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
SNAKE nr Moran (1,2)							
APR-JUL	785	865	905	111	945	1025	815
APR-SEP	860	955	1000	111	1045	1145	905
SNAKE ab resv nr Alpine (1,2)							
APR-JUL	2340	2540	2630	111	2720	2920	2370
APR-SEP	2680	2920	3030	111	3140	3380	2730
SNAKE nr Irwin (1,2)							
APR-JUL	3240	3560	3710	111	3860	4180	3330
APR-SEP	3780	4150	4320	112	4490	4860	3870
SNAKE near Heise (2)							
APR-JUL	3550	3790	3950	111	4110	4350	3560
APR-SEP	4150	4430	4620	111	4810	5090	4160
PACIFIC CREEK at Moran							
APR-JUL	157	174	186	109	198	215	171
APR-SEP	167	185	197	111	207	227	178
GREYS above Palisades							
APR-JUL	340	370	390	115	410	440	340
APR-SEP	400	435	455	115	475	510	395
SALT near Etna							
APR-JUL	325	365	390	115	415	455	340
APR-SEP	400	450	480	114	510	560	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 March

Reservoir	Usable Capacity	********* Usable Storage ********* This Year	Last Year	Average
GRASSY LAKE	15.2	8.6	9.0	12.3
JACKSON LAKE	847.0	419.8	154.8	486.6
PALISADES	1400.0	845.4	710.2	941.5

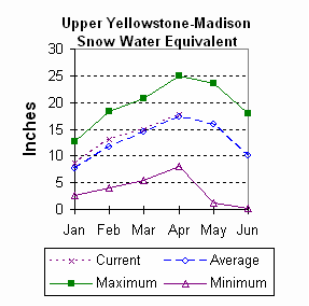
SNAKE RIVER BASIN
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SNAKE above Jackson Lake	9	167	111
PACIFIC CREEK	3	160	114
GROS VENTRE RIVER	3	141	97
HOBACK RIVER	5	139	101
GREYS RIVER	5	143	116
SALT RIVER	5	131	115
SNAKE above Palisades	28	152	110

Yellowstone and Madison River Basins

Snow

Snowfall in these basins has been good so far this year and the SWE in both basins is about average for this month. Snow water equivalent (SWE) is about 106% of average (141% of last year) in the Madison drainage. SWE in the Yellowstone drainage is about 98% of average (144% of last year at this time). See the "Snow Course Basin Summary" at the beginning of this document for more details on specific sites.

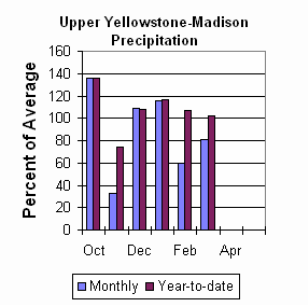


Precipitation

Last month precipitation in the Madison and Yellowstone drainage was about 81% of average (101% of last year) for the 5 reporting stations: percentage range was from 67-100% of average. Water-year-to-date precipitation is about 102% of average (143% of last year's amount); year to date percentage ranges from 98-110%.

Reservoir

Ennis Lake is storing about 29,600 ac-ft of water (72% of capacity, 95% of average or 95% of last year's volume). Hebgen Lake is storing about 264,200 ac-ft of water (70% of capacity, 102% of average or 91% 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 slightly above average this year. All the following yields are the 50% exceedance forecasts from April through September. Yellowstone at Lake Outlet is 830,000 ac-ft (103% of average). Yellowstone at Corwin Springs will yield around 2,070,000 ac-ft (105% of average). Yellowstone near Livingston will yield around 2,400,000 ac-ft (105% of average). Hebgen Reservoir inflow is 535,000 ac-ft (107% of average). See the following page for detailed runoff volumes.

UPPER YELLOWSTONE & MADISON RIVER BASINS
Streamflow Forecasts - April 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	530	590	630	107	670	730	590
APR-SEP	710	780	830	103	880	950	805
YELLOWSTONE RIVER at Corwin Springs							
APR-JUL	1480	1620	1720	104	1820	1960	1650
APR-SEP	1790	1950	2070	105	2190	2350	1970
YELLOWSTONE RIVER near Livingston							
APR-JUL	1800	1920	2000	105	2080	2200	1900
APR-SEP	2160	2300	2400	105	2500	2640	2280
HEBGEN Reservoir Inflow							
APR-JUL	355	395	420	108	445	485	390
APR-SEP	460	505	535	107	565	610	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 March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ENNIS LAKE	41.0	29.6	31.0	31.2
HEBGEN LAKE	377.5	264.2	290.2	259.6

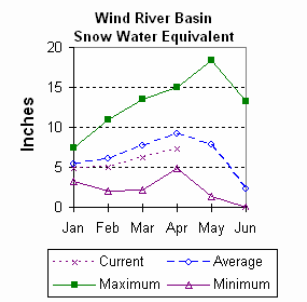
UPPER YELLOWSTONE & MADISON RIVER BASINS
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON RIVER in WY	8	141	106
YELLOWSTONE RIVER in WY	12	144	98

Wind River Basin

Snow

The Wind River Basin SWE is below average for this time of the year at 79% of average (98% of last year). SWE in the Wind River above Dubois is 82% of average (136% of last year at this time). The Little Wind SWE is 67% of average water content (71% of last year), and the Popo Agie drainage SWE is about 82% of average (76% of last year). See the Basin Summary of Snow Course Data at the front of this report for details.

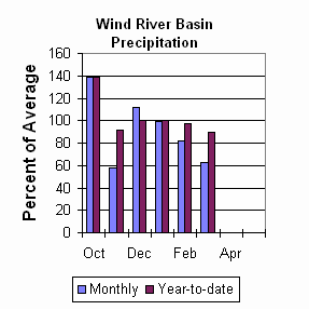


Precipitation

Last months precipitation in the basin varied widely from 22-116% of average. Precipitation for the basin was about 63% of average from the 8 reporting stations; that is about 95% of last year's amount. Water year-to-date precipitation is 90% of average and about 109% of last year at this time. Year-to-date percentages range from 73-103% of average.

Reservoirs

Current storage varies from 69-113% of average. Usable storage in Bull Lake is currently about 72,300 ac-ft (48% of capacity) - last year the reservoir was at 69% of capacity at this time. Boysen Reservoir is storing about 87% of capacity (517,500 ac-ft) – last year the reservoir was at 110% of capacity at this time. Pilot Butte is at 78% of capacity (24,700 ac-ft) – last year the reservoir was at 85% of capacity at this time. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

Water supply is estimated to be below average this year. The following values reflect the 50% exceedance forecasts for the April through September runoff period. Dinwoody Creek near Burris is 84,000 ac-ft (90% of average). The Wind River above Bull Lake Creek is 485,000 ac-ft (91% of average). Bull Lake Creek near Lenore is 143,000 ac-ft (79% of average). Wind River at Riverton will yield around 505,000 ac-ft (79% of average). Little Popo Agie River near Lander is around 43,000 ac-ft (81% 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 250,000 ac-ft (79% of average). Boysen Reservoir inflow will yield around 625,000 ac-ft (77% of average). See the following page for detailed runoff volumes.

WIND RIVER BASIN
Streamflow Forecasts - April 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	42	52	59	89	66	76	67
APR-SEP	63	76	84	90	93	105	94
WIND RIVER abv Bull Lake Cr (2)							
APR-JUL	295	355	395	91	435	495	435
APR-SEP	375	440	485	91	530	595	535
BULL LAKE CR near Lenore (2)							
APR-JUL	75	100	116	78	132	156	148
APR-SEP	91	122	143	79	163	193	182
WIND RIVER at Riverton (2)							
APR-JUL	240	355	435	80	515	630	545
APR-SEP	300	420	505	79	590	710	640
LT POPO AGIE RIVER nr Lander							
APR-JUL	21	30	37	80	44	53	46
APR-SEP	26	36	43	81	50	60	53
SF LT WIND nr Fort Washakie							
APR-JUL	33	47	56	77	65	79	73
APR-SEP	39	54	65	77	76	91	84
LT WIND RIVER nr Riverton							
APR-JUL	85	170	225	80	280	365	280
APR-SEP	102	190	250	79	310	400	315
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	280	440	550	77	660	820	717
APR-SEP	330	505	625	77	740	920	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 March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BULL LAKE	151.8	72.3	104.8	104.8
BOYSEN	596.0	517.5	653.5	653.5
PILOT BUTTE	31.6	24.7	26.9	21.9

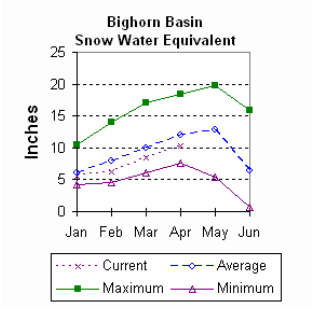
WIND RIVER BASIN
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER above Dubios	7	133	82
LITTLE WIND	2	71	67
POPO AGIE	7	76	82
WIND above Boysen Resv	14	99	79

Bighorn River Basin

Snow

The Bighorn River Basin SWE, as a whole, is below average at 86% (114% of last year). Nowood River is at 89% of average (121% of last year). Greybull River SWE is at 71% of average (132% of last year). Shell Creek SWE is 87% of average (106% of last year). For more information see Basin Summary of Snow Courses at beginning of report.

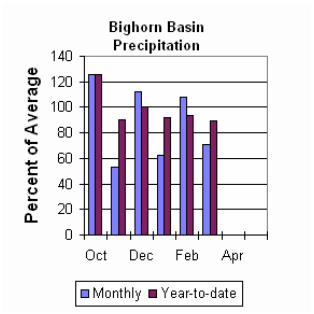


Precipitation

Last month's precipitation was 71% of average (76% of last year). Sites ranged from 34-173% of average for the month. Year-to-date precipitation is 89% of average; that is 111% of last year at this time. Year-to-date percentages, from the 10 reporting stations, range from 71-101%.

Reservoir

Boysen reservoir is currently storing 517,500 ac-ft (79% of average). Bighorn Lake is now at 100% of average (807,800 ac-ft). Boysen is currently storing 79% of last year volume at this time and Big Horn Lake is storing 125% 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 625,000 ac-ft (77% of average); the Greybull River near Meeteetse should yield around 144,000 ac-ft (72% of average); Shell Creek near Shell should yield around 61,000 ac-ft (85% of average) and the Bighorn River at Kane should yield around 890,000 ac-ft (80% of average). See the following page for detailed runoff volumes.

BIGHORN RIVER BASIN
Streamflow Forecasts - April 1, 2006

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions: 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	280	440	550	77	660	820	717
APR-SEP	330	505	625	77	740	920	809
GREYBULL RIVER nr Meeteetse							
APR-JUL	74	92	104	70	116	134	148
APR-SEP	103	128	144	72	160	185	200
SHELL CREEK nr Shell							
APR-JUL	41	47	51	85	55	61	60
APR-SEP	50	57	61	85	65	72	72
BIGHORN RIVER at Kane (2)							
APR-JUL	540	695	800	80	905	1060	1000
APR-SEP	600	770	890	80	1010	1185	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 March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BOYSEN	596.0	517.5	653.5	653.5
BIGHORN LAKE	1356.0	807.8	647.1	809.9

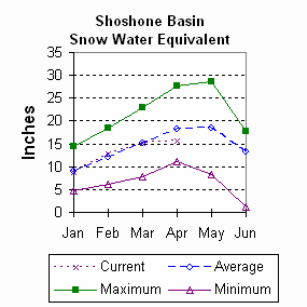
BIGHORN RIVER BASIN
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
NOWOOD RIVER	5	121	89
GREYBULL RIVER	2	132	71
SHELL CREEK	4	106	87
BIGHORN (Boysen-Bighorn)	11	114	86

Shoshone and Clarks Fork River Basin

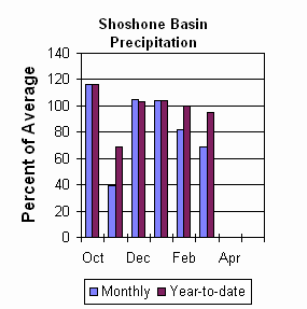
Snow

Snow Water Equivalent (SWE) is 79% of average (132% of last year) in the Shoshone River Basin. The Clarks Fork River Basin SWE is 93% of average (144% 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 69% of average (85% of last year). Monthly percentages range from 39-92% of average. The basin year-to-date precipitation is now 95% of average (142% of last year). Year-to-date percentages from the 8 reporting stations range from 69-107% of average.



Reservoir

Current storage in Buffalo Bill Reservoir is about 100% of average (100% of last year's storage); the reservoir is at about 73% of capacity. Currently, about 474,800 ac-ft are stored in the reservoir compared to 475,100 ac-ft last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

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 500,000 ac-ft (96% of average). The South Fork of the Shoshone River near Valley is 235,000 ac-ft (89% of average), and the South Fork above Buffalo Bill Reservoir runoff is 175,000 ac-ft (78% of average). The Buffalo Bill Reservoir inflow is expected to yield around 685,000 ac-ft (85% of average). The yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be around 575,000 ac-ft (97% of average). See the following page for detailed runoff volumes.

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

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions: 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NF SHOSHONE RIVER at Wapiti							
APR-JUL	385	420	445	97	470	505	460
APR-SEP	435	475	500	96	525	565	520
SF SHOSHONE RIVER nr Valley							
APR-JUL	162	184	200	89	216	238	225
APR-SEP	189	216	235	89	254	281	265
SF SHOSHONE RIVER abv Buffalo Bill							
APR-JUL	96	138	167	78	196	238	215
APR-SEP	98	144	175	78	205	250	225
BUFFALO BILL DAM Inflow (2)							
APR-JUL	475	560	615	85	670	755	720
APR-SEP	535	625	685	85	745	835	805
CLARKS FORK RIVER nr Belfry							
APR-JUL	440	490	525	97	560	610	540
APR-SEP	485	540	575	97	610	665	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 March

Reservoir	Usable Capacity	********* Usable Storage ********* This Year	Last Year	Average
BUFFALO BILL	646.6	474.8	475.1	475.1

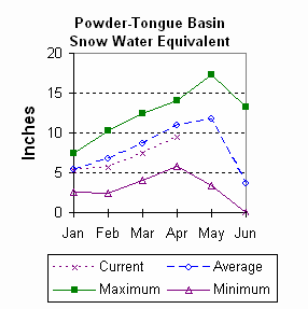
SHOSHONE & CLARKS FORK RIVER BASINS
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SHOSHONE RIVER	6	132	79
CLARKS FORK in WY	7	144	93

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 80% of average (103% of last year). The Goose Creek drainage is 75% of average or 95% of last year. SWE in the Clear Creek drainage is 76% of average or 88% of last year. Crazy Woman Creek drainage is 77% of average or 101% of last year. Upper Powder River drainage SWE is 96% of average or 123% of last year. Powder River basin SWE, in Wyoming is 87% of average or 106% of last year. For more information see Basin Summary of Snow Courses at beginning of report.

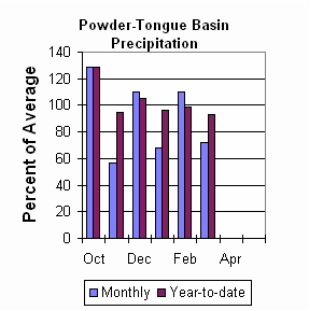


Precipitation

Last month's precipitation was 72% of average for the 10 reporting stations (66% of last year). Monthly percentages range from 34-145% of average. Year-to-date precipitation is 93% of average in the basin; this is 105% of last year. Precipitation for the year ranges from 81-128% of average at the 10 reporting stations.

Reservoir

Tongue River Reservoir was at 159% of average (109% of last year and 61% of capacity). Current storage is 48,000 ac-ft. Last year at this time the reservoir was storing about 44,200 ac-ft (average storage is about 30,100 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 83,000 ac-ft (76% of average). Little Goose Creek near Bighorn is 33,000 ac-ft (79% of average). The Tongue River Inflow is 178,000 ac-ft (71% of average). The Middle Fork of the Powder River near Barnum is 17,700 ac-ft (95% of average). The North Fork of the Powder River near Hazelton should yield around 9,900 ac-ft (95% of average). The estimated yield for Clear Creek near Buffalo is 34,000 ac-ft (87% of average). Rock Creek near Buffalo will yield about 19,900 ac-ft (83% of average), and Piney Creek at Kearny should yield about 40,000 ac-ft (77% 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 - April 1, 2006

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF) (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
TONGUE RIVER nr Dayton (2)						
APR-JUL	44	61	72	75	83	100	96
APR-SEP	52	70	83	76	96	114	109
LITTLE GOOSE CREEK nr Big Horn						
APR-JUL	13.3	20	25	74	30	37	34
APR-SEP	19.6	28	33	79	38	46	42
TONGUE RIVER RESERVOIR Inflow (2)						
APR-JUL	61	117	155	71	193	248	220
APR-SEP	76	137	178	71	221	281	250
MIDDLE FORK POWDER nr Barnum						
APR-JUL	9.9	14.0	16.8	94	19.6	24	17.8
APR-SEP	10.6	14.8	17.7	95	21	25	18.7
NORTH FORK POWDER nr Hazelton						
APR-JUL	6.7	8.1	9.1	95	10.1	11.5	9.6
APR-SEP	7.3	8.8	9.9	95	11.0	12.5	10.4
CLEAR CREEK nr Buffalo						
APR-JUL	22	27	30	88	33	38	34
APR-SEP	25	30	34	87	38	43	39
ROCK CREEK nr Buffalo						
APR-JUL	9.7	13.7	16.4	82	19.1	23	19.9
APR-SEP	13.1	17.1	19.9	83	23	27	24
PINEY CREEK at Kearny						
APR-JUL	13.1	28	38	78	48	63	49
APR-SEP	14.3	30	40	77	50	66	52

* 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 March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
TONGUE RIVER	79.1	48.0	44.2	30.1

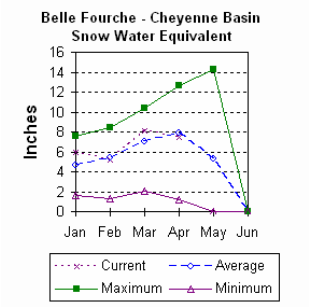
POWDER & TONGUE RIVER BASINS
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER TONGUE RIVER	10	103	80
GOOSE CREEK	3	95	75
CLEAR CREEK	4	88	76
CRAZY WOMAN CREEK	3	101	77
UPPER POWDER RIVER	4	123	96
POWDER RIVER in WY	8	106	87

Belle Fourche and Cheyenne River Basins

Snow

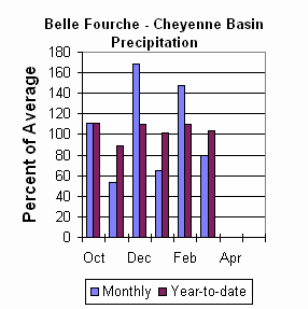
The Belle Fourche River Basin is currently at 95% of average or 261% of last year at this time. See the Basin summary of Snow Course Data at the beginning of this report for a detailed listing.



Precipitation

Precipitation for last month was 80% of average or 72% of last year in the Black Hills. There were 2 reporting stations. Monthly percentages range from 137-164%. Year-to-date precipitation is 104% of average and 136% of last year's amount.

Reservoir



Current reservoir storage is around 60% of average in the basin. Angostura is currently storing 50% of average (55,200 ac-ft), about 45% of capacity. Belle Fourche reservoir is storing 57% of average (75,100 ac-ft), about 42% of capacity. Deerfield reservoir is storing 85% of average (11,500 ac-ft), about 76% of capacity. Keyhole reservoir is storing 65% of average (73,500 ac-ft), about 38% of capacity. Pactola reservoir is storing 78% of average (36,400 ac-ft), about 66% of capacity. Shadehill reservoir is storing 58% of average (36,600 ac-ft), about 45% of capacity. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The following runoff values are the 50% 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 23,000 ac-ft (122% of average). See the following page for detailed runoff volumes.

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

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions: 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
DEERFIELD RESERVOIR Inflow							
APR-JUL	3.5	5.2	6.4	120	7.6	9.3	5.3
PACTOLA RESERVOIR Inflow							
APR-JUL	7.6	16.8	23	122	29	38	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 March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ANGOSTURA	122.1	55.2	58.4	110.1
BELLE FOURCHE	178.4	75.1	85.5	130.9
DEERFIELD	15.2	11.5	13.0	13.5
KEYHOLE	193.8	73.5	95.2	113.5
PACTOLA	55.0	36.4	41.2	46.8
SHADEHILL	81.4	36.6	47.2	63.1

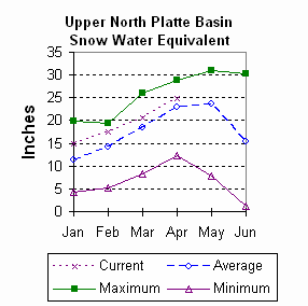
BELLE FOURCHE & CHEYENNE RIVER BASINS
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BELLE FOURCHE	8	282	96

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 108% of average snow water equivalent (SWE) recorded for this time of the year or 127% of last year. SWE in the drainage area above Northgate is about 106% of average or 124% of last year at this time. SWE in the Encampment River drainage is about 118% of average or 126% of last year. Brush Creek SWE for the year is about 106% of average or 130% of last year's SWE. Medicine Bow and Rock Creek drainages SWE are about 101% of average or 144% of last year at this time. For more information see Basin Summary of Snow Courses at the beginning of this report.

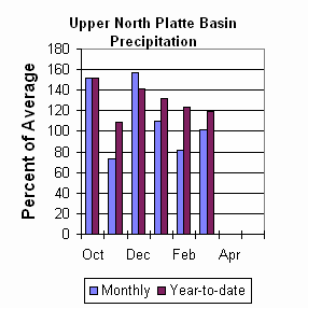


Precipitation

Eight reporting stations indicate last month's precipitation was 101% of average or 142% of last year's amount. Monthly precipitation varied from 66-310% of average. Total water-year-to-date precipitation is about 119% of average for the basin, which is about 129% of last year's amount. Year to date percentage ranges from 103-134% of average.

Reservoirs

Seminoe Reservoir is estimated to be storing 409,400 ac-ft or 40% of capacity. Seminoe Reservoir is also storing about 83% of average for this time of the year and 149% 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 205,000 ac-ft (124% of average). Rock Creek near Arlington is 58,000 ac-ft (102% of average). Sweetwater River near Alcova runoff is 74,000 ac-ft (93% of average). Seminoe Reservoir inflow should be around 985,000 ac-ft (115% of average). See the following table for more detailed information on projected runoff.

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

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions: 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NORTH PLATTE RIVER nr Northgate							
APR-JUL	190	241	280	114	321	388	245
APR-SEP	212	270	310	115	350	410	270
ENCAMPMENT RIVER nr Encampment							
APR-JUL	159	180	194	124	210	230	156
APR-SEP	167	190	205	124	220	245	165
ROCK CREEK nr Arlington							
APR-JUL	41	48	54	102	60	69	53
APR-SEP	44	52	58	102	64	74	57
SWEETWATER RIVER nr Alcova							
APR-JUL	31	54	70	95	86	109	74
APR-SEP	33	57	74	93	91	115	80
SEMINOE RESERVOIR Inflow							
APR-JUL	655	810	915	114	1020	1170	800
APR-SEP	735	885	985	115	1085	1235	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 March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
SEMINOE	1016.7	409.4	274.5	495.9

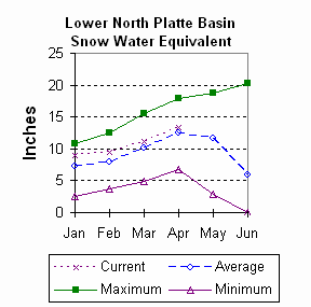
UPPER NORTH PLATTE RIVER BASIN
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
N PLATTE above Northgate	7	124	106
ENCAMPMENT RIVER	4	126	118
BRUSH CREEK	5	130	106
MEDICINE BOW & ROCK CREEKS	3	144	101
N PLATTE above Seminoe	19	127	108

Lower North Platte River Basin

Snow

SWE for the Lower North Platte River Basin is above average at 107% (126% of last year). The Sweetwater drainage SWE is currently at 97% of average (85% of last year). Deer and LaPrele Creek SWE is at 104% of average and 152% of last year. SWE for the North Platte above the Laramie River drainage is 106% of average (122% of last year). SWE for the Laramie River above Laramie is 107% of average (122% of last year). SWE for the Little Laramie River is 121% of average and 150% 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.

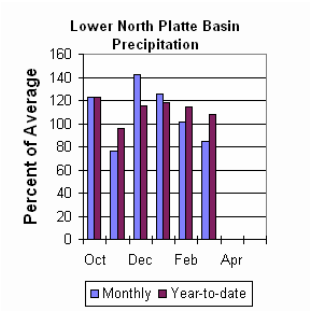


Precipitation

Last month's precipitation was 85% of average and 104% of last year's amount. Of the 8 reporting stations, percentages for the month range from 45-167%. The water year-to-date precipitation for the basin is currently 108% of average (126% of last year). Year-to-date percentages range from 83-177%.

Reservoir

The Lower North Platte River Basin reservoir storage is below average at 66%. Reservoir storage is as follows: Alcova 157,100 ac-ft (98% of average); Glendo 334,200 ac-ft (78% of average); Guernsey 17,300 ac-ft (84% of average); Pathfinder 289,100 ac-ft (39% of average); Seminoe 409,400 ac-ft (83% of average); and Wheatland #2 56,500 ac-ft (104% 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 74,000 ac-ft (93% 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 18,200 ac-ft (76% of average). North Platte Alcova to Orin Gain 135,000 ac-ft (84% of average). North Platte River below Guernsey Reservoir is 1,060,000 ac-ft (105% of average), and below Glendo Reservoir is anticipated to yield around 1,030,000 ac-ft (104% 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 74,000 ac-ft (116% of average). See the following table for more detailed information on projected runoff.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

Streamflow Forecasts - April 1, 2006

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF) (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
SWEETWATER RIVER nr Alcova						
APR-JUL	31	54	70	95	86	109	74
APR-SEP	33	57	74	93	91	115	80
DEER CREEK at Glenrock						
APR-JUL	17.6	25	30	80	35	42	38
APR-SEP	17.3	25	30	73	35	43	41
LaPRELE CREEK abv Reservoir						
APR-JUL	3.6	12.2	18.0	75	24	33	24
APR-SEP	3.8	12.4	18.2	76	24	33	24
NORTH PLATTE - Alcova to Orin Gain						
APR-JUL	50	96	128	84	160	206	152
APR-SEP	56	103	135	84	167	214	161
NORTH PLATTE RIVER blw Glendo Res						
APR-JUL	725	885	990	103	1100	1250	960
APR-SEP	750	920	1030	104	1140	1310	990
NORTH PLATTE RIVER blw Guernsey Res						
APR-JUL	690	885	1020	105	1150	1350	970
APR-SEP	720	920	1060	105	1200	1400	1010
LARAMIE RIVER nr Woods						
APR-JUL	84	118	141	115	164	198	123
APR-SEP	92	129	155	115	181	220	135
LITTLE LARAMIE RIVER nr Filmore						
APR-JUL	54	63	69	117	75	84	59
APR-SEP	57	67	74	116	81	91	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 March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ALCOVA	184.3	157.1	156.1	160.1
GLENDO	506.4	334.2	339.9	427.8
GUERNSEY	45.6	17.3	21.1	20.6
PATHFINDER	1016.5	289.1	247.1	743.7
SEMINOE	1016.7	409.4	274.5	495.9
WHEATLAND #2	98.9	56.5	34.0	54.3

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

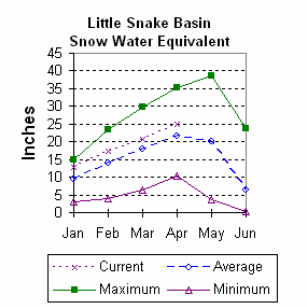
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SWEETWATER	4	85	97
DEER & LaPRELE CREEKS	3	152	104
N PLATTE abv Laramie R.	26	122	106
LARAMIE RIVER abv Laramie	11	122	107
LITTLE LARAMIE RIVER	5	150	121
LARAMIE RIVER above mouth	14	129	108
NORTH PLATTE	33	126	107

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 115% of average (117% 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 110% of average (196% of last year) for the 5 reporting stations. Last month's precipitation ranged from 79-150% of average. The Little Snake River Basin water-year-to-date precipitation is currently 119% of average (124% of last year). Year-to-date percentages range from 104-139% 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 - April 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)
Little Snake River nr Slater							
APR-JUL	141	166	185	116	205	236	159
Little Snake River nr Dixon							
APR-JUL	253	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.

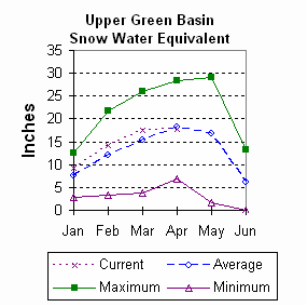
LITTLE SNAKE RIVER BASIN
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LITTLE SNAKE RIVER	8	117	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 97% or 128% of last year. SWE on the west side of the Upper Green River Basin is about 114% of average (134% of last year). Newfork River Basin SWE is now about 109% of average or 113% of last year. Big Sandy-Eden Valley Basin is at 103% or 101% of last year. SWE in the Green River Basin above Fontenelle Reservoir is about 109% of average (129% of last year). For more information see the Basin Summary of Snow Courses at the beginning of this report.

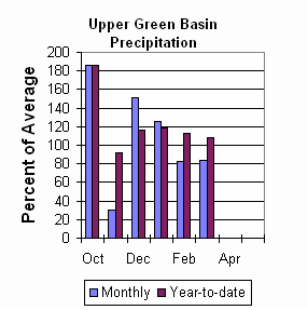


Precipitation

The 11 reporting precipitation sites in the basin were 84% of average last month (90% of last year). Last month's precipitation varied from 49-108% of average. Water year-to-date precipitation is about 108% of average (126% of last year). Year to date percentage of average ranges from 93-125% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 26,600 ac-ft or 69% of capacity and 129% of average. Eden Reservoir - No Report. Fontenelle Reservoir is 130,700 ac-ft or 38% of capacity and 91% 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 265,000 ac-ft (100% of average). Pine Creek above Fremont Lake is 106,000 ac-ft (102% of average). New Fork River near Big Piney is 400,000 ac-ft (101% of average). Fontenelle Reservoir Inflow is estimated to be 875,000 ac-ft (102% of average), and Big Sandy near Farson is expected to be around 57,000 ac-ft (98% of average). See the following table for more detailed information on projected runoff.

UPPER GREEN RIVER BASIN
Streamflow Forecasts - April 1, 2006

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Green River at Warren Bridge							
APR-JUL	221	247	265	100	284	313	265
Pine Creek abv Fremont Lake							
APR-JUL	91	100	106	102	112	122	104
New Fork River nr Big Piney							
APR-JUL	297	357	400	101	446	518	395
Fontenelle Reservoir Inflow							
APR-JUL	618	765	875	102	992	1177	860
Big Sandy River nr Farson							
APR-JUL	42	50	57	98	64	76	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 March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BIG SANDY	38.3	26.6	28.0	20.7
EDEN		NO REPORT		
FONTENELLE	344.8	130.7	137.7	143.0

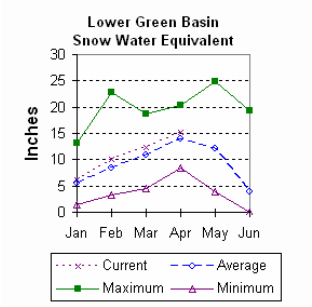
UPPER GREEN RIVER BASIN
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
GREEN above Warren Bridge	4	126	97
UPPER GREEN (West Side)	7	134	114
NEWFORK RIVER	3	113	109
BIG SANDY/EDEN VALLEY	2	101	103
GREEN above Fontenelle	14	129	109

Lower Green River Basin

Snow

SWE in the Lower Green River Basin is good this year. SWE in the Hams Fork Basin is 118% of average (117% of last year). Blacks Fork Basin SWE is currently 109% of average (112% of last year). The Henrys Fork drainage is at 106% of average or 105% of last year. SWE in the Green River Basin above Flaming Gorge is 110% of average (122% of last year). For more information see Basin Summary of Snow Courses at beginning of this report.

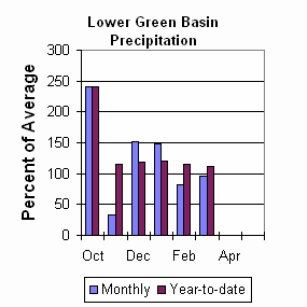


Precipitation

Precipitation was below average for the 3 reporting stations during last month at 96% of average or 99% of last year. Precipitation ranged from 14-106% of average for the month. The basin year-to-date precipitation is currently 112% of average (117% of last year). Year-to-date percentages range from 108-115%.

Reservoir

Fontenelle Reservoir is currently storing 130,700 ac-ft; this is 91% of average (95% of last year). Flaming Gorge is currently storing 3,022,000 ac-ft; this is 103% of average (106% of last year). Viva Naughton is storing 28,400 ac-ft or 67% of capacity and 102% of average.



Streamflow

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 880,000 ac-ft (101% of average). The Blacks Fork near Robertson is forecast to yield 102,000 ac-ft (107% of average). East Fork of Smiths Fork near Robertson is forecast to yield 29,000 ac-ft (100% of average). The yield for Hams Fork near Frontier is 83,000 ac-ft (128% of average). The Hams Fork Inflow to Viva Naughton Reservoir is 115,000 ac-ft (129% of average). The Flaming Gorge Reservoir inflow will be about 1,210,000 ac-ft (102% of average). See the following table for more detailed information on projected runoff.

LOWER GREEN RIVER BASIN
Streamflow Forecasts - April 1, 2006

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Green River nr Green River, WY (2)							
APR-JUL	632	775	880	101	992	1169	875
Blacks Fork nr Robertson							
APR-JUL	75	91	102	107	114	133	95
EF of Smiths Fork nr Robertson							
APR-JUL	19.0	25	29	100	34	41	29
Hams Fk blw Pole Ck nr Frontier							
APR-JUL	62	74	83	128	92	107	65
Hams Fork Inf to Viva Naughton Res							
APR-JUL	85	102	115	129	129	150	89
Flaming Gorge Reservoir Inflow (2)							
APR-JUL	777	1023	1210	102	1412	1738	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 March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
FONTENELLE	344.8	130.7	137.7	143.0
FLAMING GORGE	3749.0	3022.0	2853.0	2920.0
VIVA NAUGHTON RES	42.4	28.4	32.3	27.8

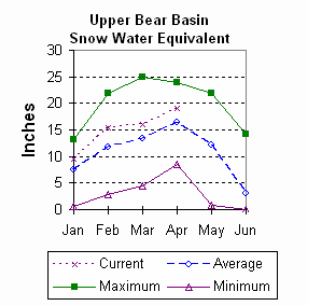
LOWER GREEN RIVER BASIN
Watershed Snowpack Analysis - April 1, 2006

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HAMS FORK RIVER	4	117	118
BLACKS FORK	5	112	109
HENRYS FORK	3	105	106
GREEN above Flaming Gorge	26	122	110

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 117% of average; that is about 102% of last year at this time. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 115% of average (116% of last year). Bear River Basin SWE, above the Idaho State line, is 116% of average and 109% 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 79% of average for the 2 reporting stations; this is 76% of the precipitation received last year. The year-to-date precipitation, for the basin, is 105% of average; this is 115% of last year's amount.

Reservoir

Storage in Woodruff Narrows reservoir is about 42,000 ac-ft (128% of average). Current reservoir storage is about 73% of capacity. Reservoir storage last year at this time was 27,500 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 148,000 ac-ft (118% of average). The Bear River above Woodruff Reservoir is 175,000 ac-ft (123% of average). The Smiths Fork River near Border is 140,000 ac-ft (116% of average). See the following table for more detailed information on projected runoff.

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UPPER BEAR RIVER BASIN
Streamflow Forecasts - April 1, 2006

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF) (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Bear River nr UT-WY State Line						
APR-JUL	112	126	135	120	144	158	113
APR-SEP	121	137	148	118	159	175	125
Bear River ab Reservoir nr Woodruff						
APR-JUL	125	150	167	123	184	209	136
APR-SEP	132	158	175	123	192	216	142
Smiths Fork nr Border						
APR-JUL	103	114	122	118	130	141	103
APR-SEP	118	131	140	116	149	162	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 March

Reservoir	Usable Capacity	********* Usable Storage ********* This Year	Last Year	Average
WOODRUFF NARROWS	57.3	42.0	27.5	32.7

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

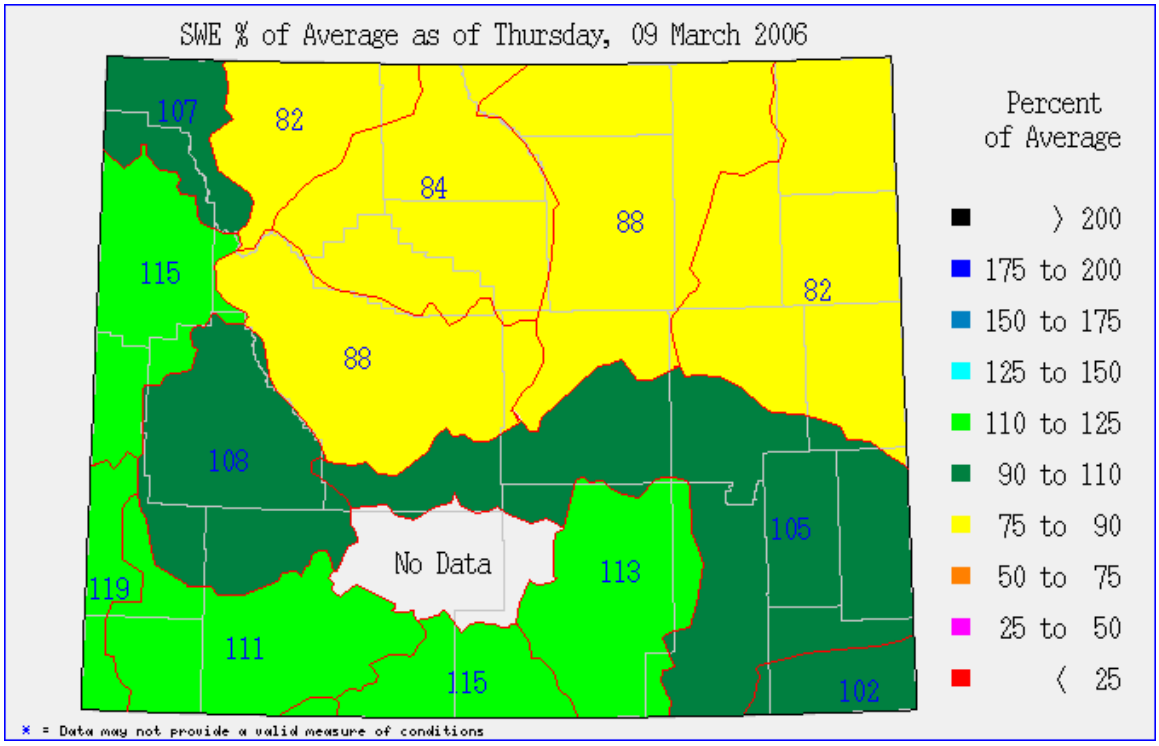
Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER BEAR RIVER in Utah	7	102	117
SMITHS & THOMAS FORKS	4	116	115
BEAR RIVER abv ID line	9	109	116
NORTHWEST	75	136	98
NORTHEST	23	118	85
SOUTHEAST	36	126	109
SOUTHWEST	35	119	112

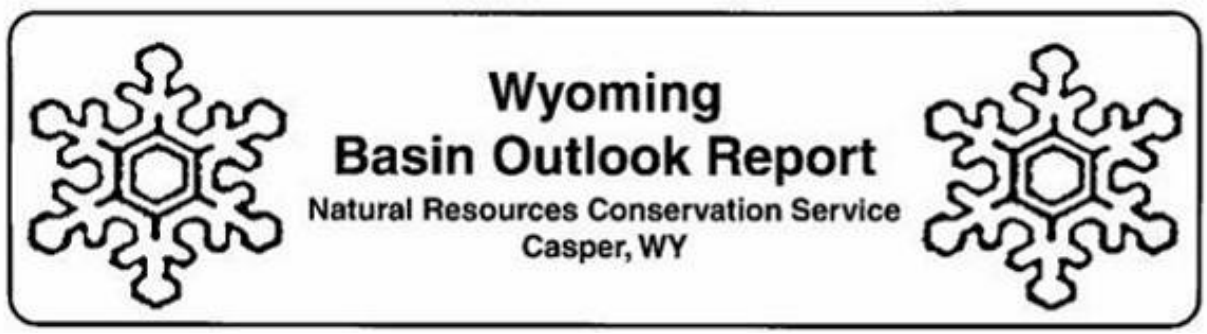
Issued by

Bruce Knight, Chief
U.S. Department of Agriculture
Natural Resources Conservation Service
Washington D.C.

Released by

Adolfo Perez Jr.
State Conservationist
N R C S
Casper, Wyoming





100 East B Street
P.O. Box 33124
Casper, WY 82602

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Bruce Stratton
33 Fir Road
Dubois WY 82513