United States
Department of
Agriculture

**Natural
Resources
Conservation
Service**

Wyoming
Basin Outlook Report
February 1, 2010

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

For more water supply and resource management information, contact:

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How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be either above or below, the predicted value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast is. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making their operational decisions. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

Wyoming Water Supply Outlook Report

General

The snow water equivalent (SWE) across Wyoming is below average for February 1st at 71%. January precipitation for the basins varied from 47-79% of average. Year-to-date precipitation for Wyoming basins varied from 64-121% of average. Forecasted runoff varies from 35-102% of average across the Wyoming basins for an overall average of 60%. Basin reservoir levels for Wyoming vary from 75-215% of average for an overall average of 108%.

Snowpack

Snow water equivalent (SWE), across Wyoming is below average for this time of year at 71%. SWE in the NW portion of Wyoming is now about 62% of average (65% of last year). NE Wyoming SWE is currently about 75% of average (58% of last year). The SE Wyoming SWE is currently about 81% of average (78% of last year). The SW Wyoming SWE is about 66% of average (68% of last year).

Precipitation

Last month's precipitation was way below average across Wyoming. The Wind River Basin had the lowest precipitation for the month at 47% of average. The Belle Fourche & Cheyenne River Basins had the highest precipitation amount at 78% 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	**-29%**	**Upper North Platte River**	**-26%**
Yellowstone & Madison	**-27%**	**Lower North Platte**	**-39%**
Wind River	**-53%**	**Little Snake River**	**-28%**
Big Horn	**-39%**	**Upper Green River**	**-30%**
Shoshone & Clarks Fork	**-43%**	**Lower Green River**	**-36%**
Powder & Tongue River	**-45%**	**Upper Bear River**	**-29%**
Belle Fourche & Cheyenne	**-22%**		

Streams

Stream flow yield for April to September is expected to be below average across Wyoming. Most probable yield for the entire State of Wyoming is forecast to be about 60% (varying from 35-102% of average). The Snake River and Upper Yellowstone & Madison River Basins are expected to yield about 58 and 70% of average, respectively; 53-72% of average for the various forecast points in the basins: Yields from the Wind and Bighorn River Basins are expected to be about 39 and 35% of average, respectively; varying from 35-74% of average in the basins: Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 67% of average; varying from 63-68% of average: Yields from the Powder & Tongue River Basins are expected to be about 63 and 53% of average, respectively; varying from 52-81% of average: Yields for the Belle Fourche & Cheyenne River Basins are expected to be about 102% of average. Yields for the Upper and Lower North Platte River of Wyoming are expected to be about 74 and 68% of average, respectively; varying from 43-100% of average: Yields for the Little Snake, Green River, and Little Bear of Wyoming are expected to be 79, 57, and 61% of average respectively; yield estimates vary from 56-79% of average:

Reservoirs

Reservoir storage for January varies widely across the state however reservoir storage is at 108% of average for the entire state. Reservoirs on the North Platte River are above average at 106% of average. Reservoirs in the northeast are above average in storage at 105%. Reservoirs in the Wind River Basin are below average at 97%. Reservoirs on the Big Horn are slightly above average at 103%. The Buffalo Bill Reservoir on the Shoshone is above average at 106%. Reservoirs on the Green River are above average at 108%. See following table for further information about reservoir storage.

Major Reservoirs in Wyoming

BASIN AREA RESERVOIR	CURRENT AS %CAPACITY	LAST YR AS %CAPACITY	AVERAGE AS %CAPACITY	CURRENT AS %AVERAGE	CURRENT AS %LAST YR
WYOMING AND SURROUNDING STATES					
ALCOVA	85	85	84	101	100
ANGOSTURA	60	54	80	75	111
BELLE FOURCHE	76	80	57	135	96
BIG SANDY	51	33	49	105	156
BIGHORN LAKE	68	70	63	107	98
BOYSEN	95	95	99	96	101
BUFFALO BILL	68	69	64	106	99
BULL LAKE	53	59	57	94	90
DEERFIELD	93	94	84	111	99
EDEN			NO REPORT		
ENNIS LAKE	72	67	76	95	108
FLAMING GORGE	86	79	79	108	108
FONTENELLE	57	44	53	109	131
GLENDO	54	49	66	81	110
GRASSY LAKE	84	85	78	108	98
GUERNSEY	37	34	20	185	107
HEBGEN LAKE	80	76	71	113	106
JACKSON LAKE	74	76	58	128	97
KEYHOLE	52	46	53	99	114
PACTOLA	98	93	83	117	106
PALISADES	80	66	74	107	121
PATHFINDER	72	39	67	108	185
PILOT BUTTE	84	81	63	132	104
SEMINOE	67	50	56	119	134
SHADEHILL	62	44	60	103	143
TONGUE RIVER	62	73	29	215	85
VIVA NAUGHTON RES	74	74	71	104	100
WHEATLAND #2	43	43	46	94	100
WOODRUFF NARROWS	81	75	44	183	107
TOTAL 28 RESERVOIRS	**75**	**68**	**70**	**108**	**111**

Raw KAF Totals Current=10014 Last Year=8989 Average=9262 Capacity=1328

BASIN SUMMARY OF SNOW COURSE DATA

FEBRUARY 2010

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and SNOTEL Stations						
ALBANY	9400	1/29/10	34	7.9	8.8	9.5
ASTER CREEK	7750	2/03/10	40	5.0	16.7	19.6
BALD MOUNTAIN SNOTEL	9380	2/01/10	41	8.9	13.9	13.5
BASE CAMP SNOTEL	7030	2/01/10	---	6.5	10.9	12.7
BATTLE MTN. SNOTEL	7440	2/01/10	26	6.2	9.5	7.8
BEARLODGE DIVIDE	4680	1/27/10	19	3.4	3.5	1.8
BEARTOOTH LK. SNOTEL	9280	2/01/10	41	10.3	15.4	16.2
BEAR TRAP SNOTEL	8200	2/01/10	15	2.8	6.0	3.5
BIG GOOSE SNOTEL	7760	2/01/10	19	4.6	5.8	6.0
BIG PARK	8620	1/29/10	33	8.2	11.7	12.3
BIG SANDY SNOTEL	9080	2/01/10	34	6.2	8.0	9.5
BLACKWATER SNOTEL	9780	2/01/10	46	11.4	16.3	16.6
BLIND BULL SNOTEL	8900	2/01/10	48	10.2	17.0	18.4
BLIND PARK SNOTEL	6870	2/01/10	15	4.0	7.3	5.2
BLUE RIDGE	9620	1/27/10	22	4.9	3.8	7.7
BONE SPGS. SNOTEL	9350	2/01/10	38	7.7	14.2	10.6
BROOKLYN LK. SNOTEL	10220	2/01/10	---	13.2	14.4	15.3
BURGESS JCT. SNOTEL	7880	2/01/10	27	6.6	8.7	7.4
BURROUGHS CRK SNOTEL	8750	2/01/10	27	5.7	12.0	10.1
CANYON SNOTEL	8090	2/01/10	29	6.1	8.6	8.9
CASPER MTN. SNOTEL	7850	2/01/10	23	5.9	5.8	9.0
CASTLE CREEK	8400	1/25/10	7	.9	3.3	3.3
CCC CAMP	7000	1/27/10	24	4.1	9.0	8.4
CHALK CK #1 SNOTEL	9100	2/01/10	44	10.9	14.4	15.3
CHALK CK #2 SNOTEL	8200	2/01/10	28	5.8	10.0	9.9
CINNABAR PARK SNOTEL	9690	2/01/10	46	12.8	15.2	13.2
CLOUD PEAK SNOTEL	9850	2/01/10	28	7.2	12.2	8.1
COLE CANYON SNOTEL	5910	2/01/10	15	3.3	4.4	4.5
COLD SPRINGS SNOTEL	9630	2/01/10	15	3.7	5.0	6.0
COTTONWOOD CR SNOTEL	7700	2/01/10	---	9.7	17.7	14.2
CROW CREEK SNOTEL	8830	2/01/10	22	6.6	5.3	5.1
DARBY CANYON	8250	2/02/10	41	9.8	14.7	15.9
DEER PARK SNOTEL	9700	2/01/10	39	9.2	6.3	11.7
DITCH CREEK	6870	1/27/10	9	1.3	3.3	2.8
DIVIDE PEAK SNOTEL	8860	2/01/10	39	10.7	14.2	13.0
DOME LAKE SNOTEL	8880	2/01/10	23	4.8	8.6	7.9
DU NOIR	8760	2/01/10	---	3.2E	4.0	5.8
EAST RIM DIV SNOTEL	7930	2/01/10	---	3.4	6.6	8.5
ELBO RANCH	7100	2/02/10	20	4.1	7.4	8.0
ELKHART PARK SNOTEL	9400	2/01/10	---	5.4	9.2	8.8
EVENING STAR SNOTEL	9200	2/01/10	54	13.3	20.2	19.7
FOUR MILE MEADOWS	7860	2/02/10	23	4.6	8.6	8.7
FOXPARK	9060	1/29/10	22	4.6	4.9	4.9
GEYSER CREEK	8500	2/01/10	---	2.7E	5.0	4.8
GLADE CREEK	7040	2/03/10	42	9.5	15.4	16.1
GRAND TARGHEE SNOTEL	9260	2/01/10	96	23.8	26.6	--
GRANITE CRK SNOTEL	6770	2/01/10	---	6.2	11.4	12.4
GRANNIER MEADOWS	8860	1/27/10	29	7.0	6.1	9.1
GRASSY LAKE SNOTEL	7270	2/01/10	69	14.8	20.2	23.0
GRAVE SPRINGS SNOTEL	8550	2/01/10	22	5.0	5.3	5.7

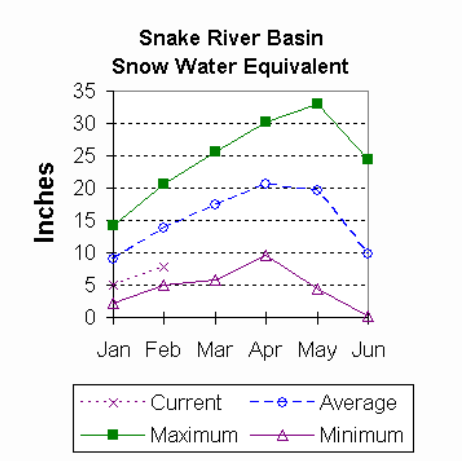
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
GROS VENTRE SNOTEL	8750	2/01/10	26	5.1	9.4	9.5
GROVER PARK DIVIDE	7000	1/27/10	25	4.8	9.2	7.5
HAIRPIN TURN	9480	1/28/10	36	8.8	9.6	11.1
HANSEN S.M. SNOTEL	8360	2/01/10	11	2.8	4.4	4.2
HAMS FORK SNOTEL	7840	2/01/10	---	4.2	6.6	8.4
HASKINS CREEK	8980	1/27/10	74	17.6	21.6	19.6
HOBACK GS	6640	1/26/10	22	3.4	6.5	--
HOBBS PARK SNOTEL	10100	2/01/10	33	7.9	6.9	9.8
HUCKLEBERRY DIVIDE	7300	2/03/10	36	7.5	13.7	14.2
INDIAN CREEK SNOTEL	9430	2/01/10	---	11.6	14.4	17.6
JACKPINE CREEK	7350	2/02/10	47	10.5	13.0	14.7
KELLEY R.S. SNOTEL	8180	2/01/10	---	6.5	9.4	10.7
KENDALL R.S. SNOTEL	7740	2/01/10	23	4.0	7.9	9.8
KIRWIN SNOTEL	9550	2/01/10	26	5.1	8.7	7.7
LAKE CAMP	7780	1/27/10	24	4.4	6.4	6.5
LA PRELE SNOTEL	8380	2/01/10	23	4.9	5.2	7.3
LARSEN CREEK	9020	1/25/10	20	3.2	4.5	8.4
LEWIS LAKE SNOTEL	7850	2/01/10	53	12.1	17.1	23.1
LIBBY LODGE	8750	1/28/10	27	5.6	8.0	7.8
LITTLE BEAR RUN	6240	1/27/10	12	1.5	5.2	2.6
LITTLE WARM SNOTEL	9370	2/01/10	20	4.3	7.5	7.8
LOOMIS PARK SNOTEL	8240	2/01/10	---	5.3	11.8	11.2
LUPINE CREEK	7380	1/29/10	17	2.2	1.1	6.0
MALLO	6420	1/27/10	21	3.4	8.2	5.2
MARQUETTE SNOTEL	8760	2/01/10	16	3.7	3.0	5.9
MEDICINE LODGE LAKES	9340	1/27/10	30	5.6	9.9	7.5
MIDDLE FORK	7420	1/27/10	16	3.2	3.3	3.8
MIDDLE POWDER SNOTEL	7760	2/01/10	23	6.1	6.6	7.2
MORAN	6750	2/04/10	26	4.7	9.2	9.3
MOSS LAKE	9800	1/28/10	52	14.0	13.8	15.3
NEW FORK SNOTEL	8340	2/01/10	18	3.3	8.7	7.7
NORRIS BASIN	7500	1/27/10	22	4.4	6.5	7.6
NORTH BARRETT CREEK	9400	1/28/10	59	15.3	15.0	12.8
NORTH FRENCH SNOTEL	10130	2/01/10	75	21.2	21.5	18.4
NORTH RAPID CK SNTL	6130	2/01/10	23	6.1	6.9	5.0
NORTH TONGUE	8450	1/26/10	28	5.9	10.9	8.4
OLD BATTLE SNOTEL	9920	2/01/10	73	19.5	20.9	20.0
OLD FAITHFUL	7400	1/28/10	23	4.1	6.4	9.5
ONION GULCH	8780	1/28/10	17	2.7	5.4	5.2
OWL CREEK SNOTEL	8980	2/01/10	17	3.7	3.7	3.4
PARKERS PEAK SNOTEL	9400	2/01/10	53	12.5	17.2	14.8
PHILLIPS BNCH SNOTEL	8200	2/01/10	55	11.6	17.8	18.5
POCKET CREEK	9350	1/25/10	20	3.4	5.9	8.6
POCKET CREEK SNOTEL	9350	2/01/10	36	5.6	--	--
POLE MOUNTAIN	8700	1/26/10	29	6.6	5.5	6.1
POWDER RVR.PASS SNTL	9480	2/01/10	23	5.0	9.3	7.2
PURGATORY GULCH	8970	1/27/10	28	6.8	10.0	7.1
RANGER CREEK	8120	1/27/10	23	3.6	7.3	6.2
RENO HILL SNOTEL	8500	2/01/10	---	7.9	7.1	8.4
REUTER CANYON	6280	1/26/10	29	5.1	13.5	6.5
ROWDY CREEK	8300	1/26/10	34	6.6	12.4	14.6
RYAN PARK	8400	1/28/10	32	6.4	9.8	7.4
SAGE CK BASIN SNTL	7850	2/01/10	31	7.0	8.2	7.5
SALT RIVER SNOTEL	7600	2/01/10	---	5.6	8.7	9.2
SAND LAKE SNOTEL	10050	2/01/10	---	18.7	18.0	19.9
SANDSTONE RS SNOTEL	8150	2/01/10	39	5.9	10.4	9.7

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
SAWMILL DIVIDE	9260	1/26/10	29	5.9	10.7	8.8
SHELL CREEK SNOTEL	9580	2/01/10	40	8.0	12.5	9.9
SHERIDAN R.S.	7750	1/25/10	8	1.0	3.5	4.1
SNAKE RIVER STATION	6920	2/03/10	36	7.1	12.3	14.1
SNAKE RV STA SNOTEL	6920	2/01/10	35	6.6	11.0	12.6
SNIDER BASIN SNOTEL	8060	2/01/10	28	6.0	9.6	9.8
SOLDIER PARK	8780	1/29/10	9	1.5	2.9	3.5
SOUR DOUGH	8460	1/28/10	16	2.8	4.0	4.2
SOUTH BRUSH SNOTEL	8440	2/01/10	30	7.6	9.5	7.4
SOUTH PASS SNOTEL	9040	2/01/10	38	8.1	7.1	11.4
SPRING CRK. SNOTEL	9000	2/01/10	58	11.0	17.5	17.4
ST LAWRENCE ALT SNTL	8620	2/01/10	16	3.2	1.9	4.8
SUCKER CREEK SNOTEL	8880	2/01/10	31	7.1	10.4	7.2
SYLVAN LAKE SNOTEL	8420	2/01/10	41	9.0	12.7	15.2
SYLVAN ROAD SNOTEL	7120	2/01/10	25	4.8	10.2	8.8
T CROSS RANCH	7900	1/28/10	2	.1	4.6	5.3
TETON PASS W.S.	7740	2/01/10	46	13.4	14.9	18.5
THUMB DIVIDE SNOTEL	7980	2/01/10	30	6.1	11.0	11.8
THUMB DIVIDE	7980	2/03/10	24	5.0	10.5	12.2
TIE CREEK SNOTEL	6870	2/01/10	6	1.1	3.8	4.0
TIMBER CREEK SNOTEL	7950	2/01/10	9	1.8	2.9	3.6
TOGWOTEE PASS SNOTEL	9580	2/01/10	49	11.2	19.3	16.9
TOWNSEND CRK SNOTEL	8700	2/01/10	25	5.5	4.3	5.6
TRIPLE PEAK SNOTEL	8500	2/01/10	51	12.0	16.8	16.6
TURPIN MEADOWS	6900	2/02/10	19	3.6	6.9	7.6
TWO OCEAN SNOTEL	9240	2/01/10	58	14.5	24.3	19.0
TYRELL RANGER STA.	8300	1/28/10	13	1.7	5.6	5.2
UPPER SPEARFISH	6500	1/28/10	17	3.4	7.3	4.4
WEBBER SPRING SNOTEL	9250	2/01/10	53	13.1	15.9	16.1
WHISKEY PARK SNOTEL	8950	2/01/10	61	15.8	20.9	18.5
WILLOW CREEK SNOTEL	8450	2/01/10	---	13.7	22.0	20.2
WINDY PEAK SNOTEL	7900	2/01/10	17	4.0	5.1	4.5
WOLVERINE SNOTEL	7650	2/01/10	20	5.2	8.6	8.6
WOOD ROCK G.S.	8440	1/26/10	24	4.5	6.3	6.5
YOUNTS PEAK SNOTEL	8350	2/01/10	27	6.8	13.7	12.0

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) is below average at 57%. SWE in the Snake River Basin above Jackson Lake is 54% of average. Pacific Creek Basin SWE is 63% of average. Gros Ventre River Basin SWE is 59% of average. SWE in the Hoback River drainage is 50% of average. SWE in the Greys River drainage is 64% of average. In the Salt River area SWE is 64% of average. SWE in the Snake River Basin above Palisades is 57% of average. See the "Basin Summary of Snow Course Data" at the beginning of this report for a detailed listing of snow course information.

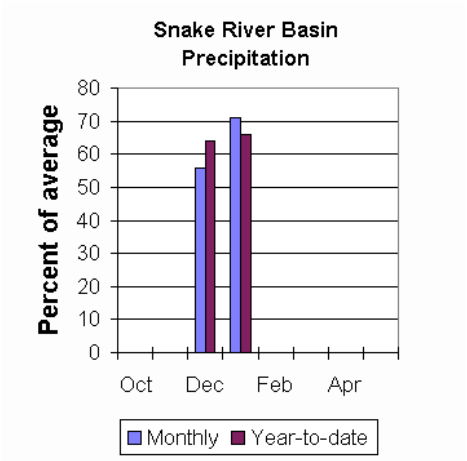


Precipitation

Precipitation across the basin was below average last month. Monthly precipitation for the basin was 71% of average (64% of last year). Last month's percentages range from 39-93% of average for the 16 reporting stations. Water-year-to-date precipitation is 66% of average for the Snake River Basin (64% of last year). Year-to-date percentages range from 52-81% of average.

Reservoir

Current reservoir storage is 114% of average for the 3 storage reservoirs in the basin. Grassy Lake storage is about 108% of average (12,700 ac-ft compared to 12,900 last year). Jackson Lake storage is 128% of average (629,200 ac-ft compared to 646,000 ac-ft last year). Palisades Reservoir storage is about 107% of average 1,118,300 ac-ft compared to 923,400 ac-ft last year). Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The 50% exceedance forecasts for April through September are below average for the basin. The Snake near Moran is 575,000 ac-ft (64% of average). Snake above reservoir near Alpine is 1,580,000 ac-ft (58% of average). The Snake near Irwin is 2,230,000 ac-ft (58% of average). The Snake near Heise is 2,400,000 ac-ft (58% of average). Pacific Creek near Moran is 102,000 ac-ft (57% of average). Buffalo Fork above Lave near Moran is 220,000 ac-ft (64%of average). Gros Ventre River at Kelly is 130,000 ac-ft (53% of average). Greys River above Palisades Reservoir is 255,000 ac-ft (65% of average). Salt River near Etna is 245,000 ac-ft (58% of average). See the following page for detailed runoff volumes.

SNAKE RIVER BASIN

Streamflow Forecasts - February 1, 2010

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	330	455	515	63	575	700	815
APR-SEP	365	510	575	64	640	785	905
SNAKE abv Resv nr Alpine (1,2)							
APR-JUL	825	1190	1360	57	1530	1900	2370
APR-SEP	960	1390	1580	58	1770	2200	2730
SNAKE nr Irwin (1,2)							
APR-JUL	1150	1680	1920	58	2160	2690	3330
APR-SEP	1360	1960	2230	58	2500	3100	3870
SNAKE near Heise (2)							
APR-JUL	1380	1770	2040	57	2310	2700	3560
APR-SEP	1650	2100	2400	58	2700	3150	4160
Pacific Ck At Moran							
APR-JUL	56	81	98	57	115	140	171
APR-SEP	58	84	102	57	120	146	178
Buffalo Fork ab Lava nr Moran, WY							
APR-JUL	137	171	195	65	220	255	301
APR-SEP	154	193	220	64	245	285	344
Gros Ventre R at Kelly, WY							
APR-JUL	48	85	110	55	135	172	200
APR-SEP	61	102	130	53	158	199	244
Greys R Nr Alpine							
APR-JUL	132	184	220	65	255	310	340
APR-SEP	152	215	255	65	295	360	395
Salt R Nr Etna							
APR-JUL	54	138	195	57	250	335	340
APR-SEP	79	178	245	58	310	410	420

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

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

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

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

(3) - Median value used in place of average.

SNAKE RIVER BASIN

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
GRASSY LAKE	15.2	12.7	12.9	11.8
JACKSON LAKE	847.0	629.2	646.0	490.1
PALISADES	1400.0	1118.3	923.4	1040.3

SNAKE RIVER BASIN

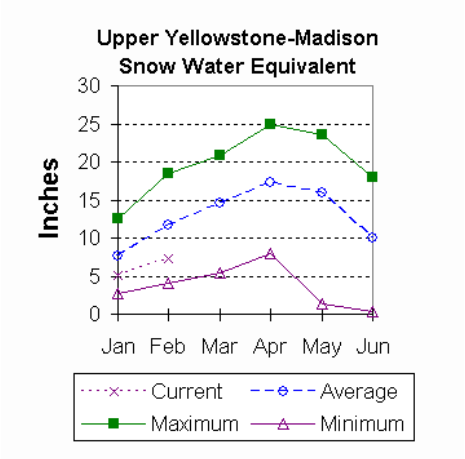
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SNAKE above Jackson Lake	9	62	57
PACIFIC CREEK	3	58	63
GROS VENTRE RIVER	3	55	59
HOBACK RIVER	5	54	50
GREYS RIVER	4	60	64
SALT RIVER	5	57	64
SNAKE above Palisades	27	59	58

Upper Yellowstone & Madison River Basins

Snow

Snowfall in these basins has been below average so far this year. Snow water equivalent (SWE) is at 62% of average in the Madison drainage. SWE in the Yellowstone drainage is at 64% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.

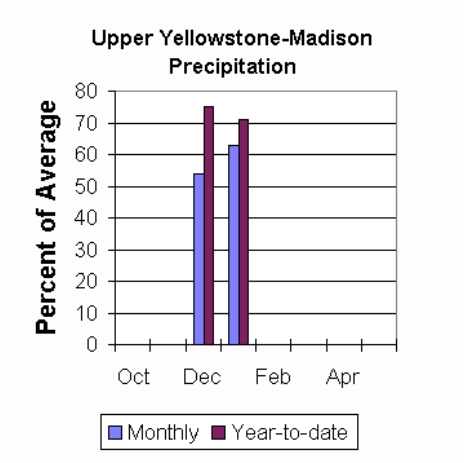


Precipitation

Last month precipitation in the Madison and Yellowstone drainage was about 63% of average (55% of last year). The 5 reporting stations percentages range from 39-82% of average. Water-year-to-date precipitation is about 71% of average (71% of last year's amount). Year to date percentage ranges from 63-81%.

Reservoir

Ennis Lake is storing about 29,600 ac-ft of water (72% of capacity, 95% of average or 108% of last year's volume). Hebgen Lake is storing about 302,300 ac-ft of water (80% of capacity, 113% of average or 106% of last year's volume). Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The 50% exceedance forecasts for April through September are below average for the basins. Yellowstone at Lake Outlet is 495,000 ac-ft (62% of average). Yellowstone at Corwin Springs will yield around 1,360,000 ac-ft (69% of average). Yellowstone near Livingston will yield around 1,560,000 ac-ft (68% of average). Hebgen Reservoir inflow is 365,000 ac-ft (72% of average). See the following page for detailed runoff volumes.

UPPER YELLOWSTONE & MADISON RIVER BASINS

Streamflow Forecasts - February 1, 2010

Forecast Pt / Forecast Period	<=== Drier === Future Conditions === Wetter ===> 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
YELLOWSTONE at Lake Outlet							
APR-JUL	275	340	380	64	420	485	590
APR-SEP	360	440	495	62	550	630	805
YELLOWSTONE RIVER at Corwin Springs							
APR-JUL	900	1050	1160	70	1270	1420	1650
APR-SEP	1050	1230	1360	69	1490	1670	1970
YELLOWSTONE RIVER near Livingston							
APR-JUL	995	1190	1320	70	1450	1640	1900
APR-SEP	1180	1410	1560	68	1710	1940	2280
HEBGEN Reservoir Inflow							
APR-JUL	210	250	280	71	310	350	395
APR-SEP	280	330	365	72	400	450	505

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

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

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

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

(3) - Median value used in place of average.

UPPER YELLOWSTONE & MADISON RIVER BASINS

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ENNIS LAKE	41.0	29.6	27.4	31.3
HEBGEN LAKE	377.5	302.3	285.8	266.5

UPPER YELLOWSTONE & MADISON RIVER BASINS

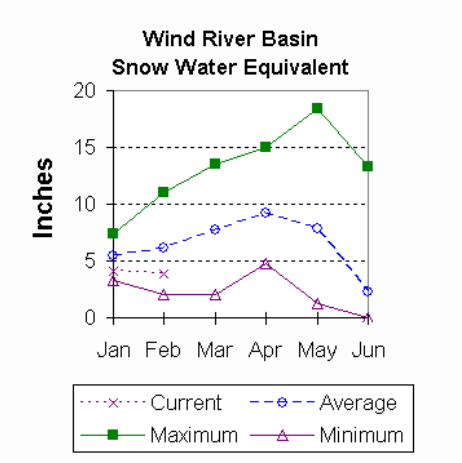
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON RIVER in WY	8	77	62
YELLOWSTONE RIVER in WY	12	64	64

Wind River Basin

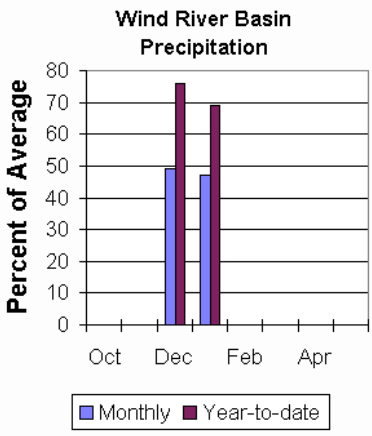
Snow

The Wind River Basin above Boysen Reservoir has below average snow water equivalent (SWE 64%) for this time of the year. SWE in the Wind River above Dubois is 52% of average. The Little Wind SWE is 76% of average, and the Popo Agie drainage SWE is about 77% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Last months precipitation in the basin varied from 27-62% of average. Precipitation, for the basin, was about 47% of average from the 8 reporting stations; that is about 48% of last year's amount. Water year-to-date precipitation is 69% of average and about 69% of last year at this time. Year-to-date percentages range from 40-99% of average.



Reservoirs

Current storage varies from 94-132% of average. Usable storage in Bull Lake is currently about 80,500 ac-ft (94% of average) - the reservoir is about 90% of last year. Boysen Reservoir is storing about 96% of average (569,000 ac-ft) – the reservoir is about 101% of last year. Pilot Butte is at 132% of average (26,400 ac-ft) – the reservoir is about 104% of last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for the April through September runoff period for the basin are below average. Dinwoody Creek near Burris is 68,000 ac-ft (72% of average). The Wind River above Bull Lake Creek is 305,000 ac-ft (57% of average). Bull Lake Creek near Lenore is 121,000 ac-ft (67% of average). Wind River at Riverton will yield around 320,000 ac-ft (50% of average). Little Popo Agie River near Lander is around 36,000 ac-ft (68% of average). South Fork of Little Wind near Fort Washakie will yield around 62,000 ac-ft (74% of average). Little Wind River near Riverton will yield around 189,000 ac-ft (60% of average). Boysen Reservoir inflow will yield around 315,000 ac-ft (39% of average). See the following page for detailed runoff volumes.

WIND RIVER BASIN

Streamflow Forecasts - February 1, 2010

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	34	42	48	72	54	62	67
APR-SEP	51	61	68	72	75	85	94
WIND RIVER abv Bull Lake Cr (2)							
APR-JUL	115	196	250	58	305	385	435
APR-SEP	164	250	305	57	360	445	535
BULL LAKE CR near Lenore							
APR-JUL	68	87	100	68	113	132	148
APR-SEP	80	105	121	67	137	162	182
WIND RIVER at Riverton (2)							
APR-JUL	105	210	280	51	350	455	545
APR-SEP	123	240	320	50	400	515	640
LT POPO AGIE RIVER nr Lander							
APR-JUL	9.2	22	31	67	40	53	46
APR-SEP	12.8	27	36	68	45	59	53
SF LT WIND nr Fort Washakie							
APR-JUL	32	46	55	75	64	78	73
APR-SEP	36	51	62	74	73	88	84
LT WIND RIVER nr Riverton							
APR-JUL	68	107	170	61	235	325	280
APR-SEP	75	120	189	60	260	360	315
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	118	180	295	41	460	700	717
APR-SEP	126	193	315	39	490	750	809

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

WIND RIVER BASIN

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BULL LAKE	151.8	80.5	89.6	85.9
BOYSEN	596.0	569.0	563.5	592.0
PILOT BUTTE	31.6	26.4	25.5	20.0

WIND RIVER BASIN

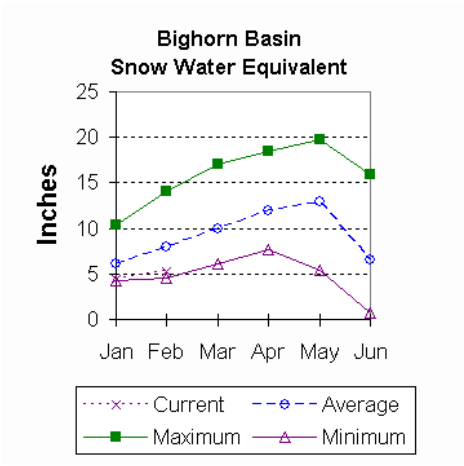
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER above Dubios	7	51	52
LITTLE WIND	2	126	76
POPO AGIE	7	121	77
WIND above Boysen Resv	14	72	64

Bighorn River Basin

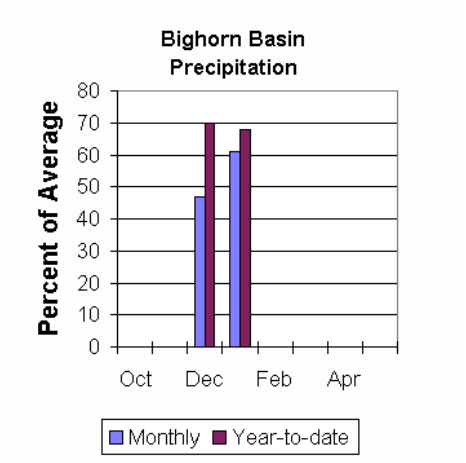
Snow

The Bighorn River Basin SWE above Bighorn Reservoir is below average at 67%. The Nowood River is at 65% of average. The Greybull River SWE is at 61% of average. Shell Creek SWE is 70% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Last month's precipitation was 61% of average (49% of last year). Sites ranged from 40-81% of average for the month. Year-to-date precipitation is 68% of average; that is 60% of last year at this time. Year-to-date percentages, from the 9 reporting stations, range from 57-81%.



Reservoir

Boysen Reservoir is currently storing 569,000 ac-ft (96% of average). Bighorn Lake is now at 107% of average (922,800 ac-ft). Boysen is currently storing 101% of last year volume at this time and Big Horn Lake is storing 98% of last year's volume. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for the April through September runoffs are anticipated to be below average. Boysen Reservoir inflow should yield 315,000 ac-ft (39% of average); the Greybull River near Meeteetse should yield around 123,000 ac-ft (62% of average); Shell Creek near Shell should yield around 48,000 ac-ft (67% of average) and the Bighorn River at Kane should yield around 390,000 ac-ft (35% of average). See the following page for detailed runoff volumes.

BIGHORN RIVER BASIN

Streamflow Forecasts - February 1, 2010

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	118	180	295	41	460	700	717
APR-SEP	126	193	315	39	490	750	809
GREYBULL RIVER nr Meeteetse							
APR-JUL	54	75	89	60	103	124	148
APR-SEP	80	106	123	62	140	166	200
SHELL CREEK nr Shell							
APR-JUL	25	34	40	67	46	55	60
APR-SEP	32	41	48	67	55	64	72
BIGHORN RIVER at Kane (2)							
APR-JUL	146	225	365	37	575	885	1000
APR-SEP	156	240	390	35	615	945	1110

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

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

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

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

(3) - Median value used in place of average.

BIGHORN RIVER BASIN

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BOYSEN	596.0	569.0	563.5	592.0
BIGHORN LAKE	1356.0	922.8	943.8	859.5

BIGHORN RIVER BASIN

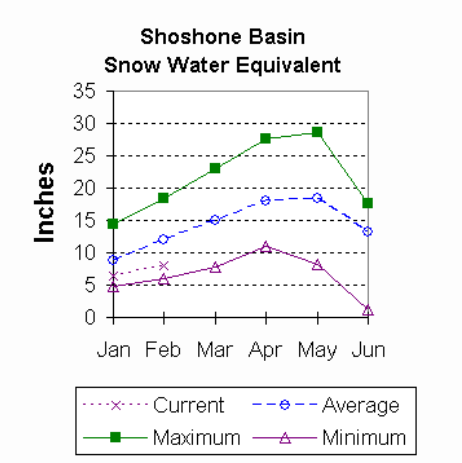
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
NOWOOD RIVER	5	57	65
GREYBULL RIVER	2	59	61
SHELL CREEK	4	59	70
BIGHORN (Boysen-Bighorn)	11	58	67

Shoshone and Clarks Fork River Basin

Snow

Snowpack in these basins is below average for this time of year. Snow Water Equivalent (SWE) is 63% of average in the Shoshone River Basin. The Clarks Fork River Basin SWE is 69% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.

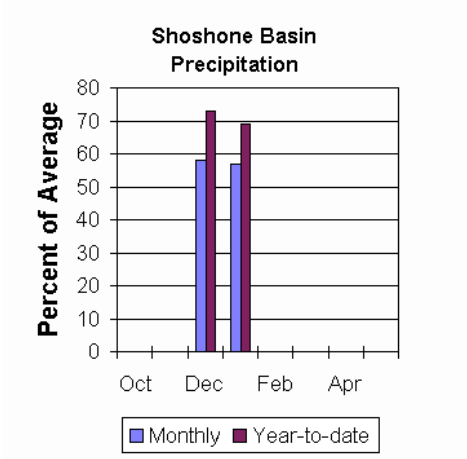


Precipitation

Precipitation for last month was 57% of average (38% of last year). Monthly percentages range from 34-79% of average. The basin year-to-date precipitation is now 69% of average (65% of last year). Year-to-date percentages range from 49-82% of average for the 8 reporting stations.

Reservoir

Current storage in Buffalo Bill Reservoir is about 106% of average (99% of last year's storage) – the reservoir is at about 68% of capacity. Currently, about 440,800 ac-ft are stored in the reservoir compared to 443,700 ac-ft last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The 50% exceedance forecasts for the April through September period are expected to be below average for the basin. The North Fork Shoshone River at Wapiti is 355,000 ac-ft (68% of average). The South Fork of the Shoshone River near Valley is 168,000 ac-ft 63% of average), and the South Fork above Buffalo Bill Reservoir runoff is 162,000 ac-ft (72% of average). The Buffalo Bill Reservoir inflow is expected to yield around 530,000 ac-ft (66% of average). The yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be around 400,000 ac-ft (67% of average). See the following page for detailed runoff volumes.

SHOSHONE & CLARKS FORK RIVER BASINS
Streamflow Forecasts - February 1, 2010

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	230	280	315	69	350	400	460
APR-SEP	265	320	355	68	390	445	520
SF SHOSHONE RIVER nr Valley							
APR-JUL	103	128	145	64	162	187	225
APR-SEP	121	149	168	63	187	215	265
SF SHOSHONE RIVER abv Buffalo Bill							
APR-JUL	79	119	147	68	175	215	215
APR-SEP	78	121	150	67	179	220	225
BUFFALO BILL DAM Inflow (2)							
APR-JUL	345	430	485	67	540	625	720
APR-SEP	385	475	535	67	595	685	805
CLARKS FORK RIVER nr Belfry							
APR-JUL	285	340	375	69	410	465	540
APR-SEP	305	360	400	67	440	495	595

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

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

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BUFFALO BILL	646.6	440.8	443.7	414.3

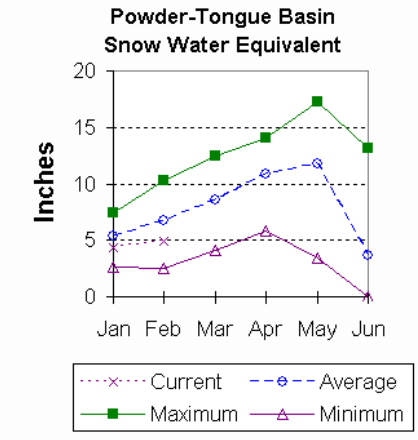
SHOSHONE & CLARKS FORK RIVER BASINS
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SHOSHONE RIVER	6	64	63
CLARKS FORK in WY	7	68	69

Powder and Tongue River Basins

Snow

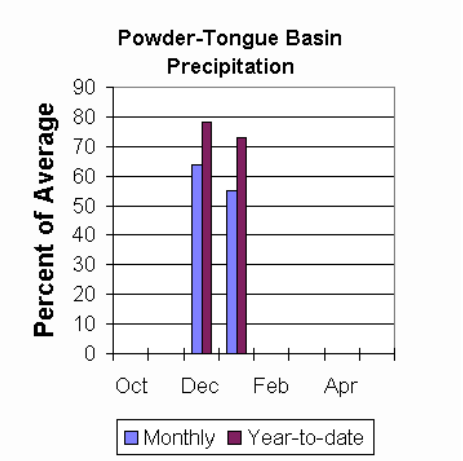
Snow water equivalent (SWE) in the Upper Tongue River drainage is 73% of average. The Goose Creek drainage is 67% of average. SWE in the Clear Creek drainage is 72% of average. Crazy Woman Creek drainage is 63% of average. Upper Powder River drainage SWE is 72% of average. Powder River Basin SWE in Wyoming is 72% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Last month's precipitation was 55% of average for the 9 reporting stations (38% of last year). Monthly percentages range from 44-70% of average. Year-to-date precipitation is 73% of average in the basin; this is 59% of last year at this time.

Precipitation for the year ranges from 62-88% of average.



Reservoir

The Tongue River Reservoir is at 62% of capacity; 215% of average; and 85% of last year at 48,900 ac-ft.

Streamflow

The 50% exceedance forecasts for the April through September period are expected to be below average for the basins. The yield for Tongue River near Dayton is 78,000 ac-ft (72% of average). Big Goose Creek near Sheridan is 40,000 ac-ft (67% of average). Little Goose Creek near Bighorn is 30,000 ac-ft (71% of average). The Tongue River Reservoir Inflow is 158,000 ac-ft (63% of average). The Middle Fork of the Powder River near Barnum is 15,000 ac-ft (80% of average). The North Fork of the Powder River near Hazelton should yield around 6,700 ac-ft (64% of average). Rock Creek near Buffalo will yield about 15,100 ac-ft (63% of average), and Piney Creek at Kearny should yield about 31,000 ac-ft (60% of average). The Powder River at Moorehead is 118,000 ac-ft (51% of average). The Powder River near Locate is 129,000 ac-ft (50% of average). See the following page for detailed runoff volumes.

POWDER & TONGUE RIVER BASINS

Streamflow Forecasts - February 1, 2010

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	38	56	69	72	82	100	96
APR-SEP	45	65	78	72	91	111	109
BIG GOOSE CREEK nr Sheridan							
APR-JUL	16.8	28	36	69	44	55	52
APR-SEP	20	32	40	67	48	60	60
LITTLE GOOSE CREEK nr Big Horn							
APR-JUL	11.6	19.0	24	71	29	36	34
APR-SEP	16.6	25	30	71	35	43	42
TONGUE RIVER RESERVOIR Inflow (2)							
APR-JUL	55	95	138	63	181	245	220
APR-SEP	63	113	158	63	205	270	250
MIDDLE FORK POWDER nr Barnum							
APR-JUL	8.5	11.9	14.2	80	16.5	19.9	17.8
APR-SEP	9.1	12.6	15.0	80	17.4	21	18.7
NORTH FORK POWDER nr Hazelton							
APR-JUL	3.7	5.2	6.2	65	7.2	8.7	9.6
APR-SEP	4.1	5.6	6.7	64	7.8	9.3	10.4
ROCK CREEK nr Buffalo							
APR-JUL	6.5	10.1	12.5	63	14.9	18.5	19.9
APR-SEP	8.6	12.5	15.1	63	17.7	22	24
PINEY CREEK at Kearny							
APR-JUL	8.2	21	30	61	39	52	49
APR-SEP	9.1	22	31	60	40	53	52
POWDER RIVER at Moorehead							
APR-JUL	42	63	104	51	145	205	205
APR-SEP	47	76	118	51	160	220	230
POWDER RIVER nr Locate							
APR-JUL	46	66	116	49	166	240	235
APR-SEP	51	75	129	50	183	260	260

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

POWDER & TONGUE RIVER BASINS

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
TONGUE RIVER	79.1	48.9	57.6	22.7

POWDER & TONGUE RIVER BASINS

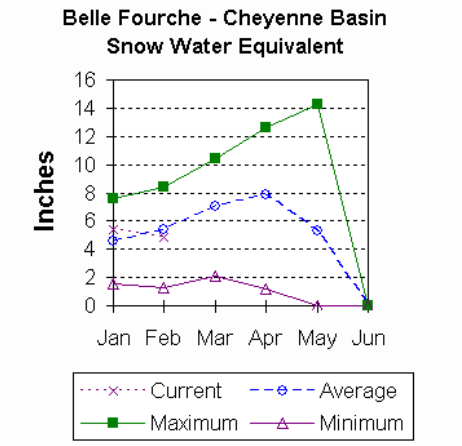
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER TONGUE RIVER	10	61	73
GOOSE CREEK	3	61	67
CLEAR CREEK	4	61	72
CRAZY WOMAN CREEK	3	56	63
UPPER POWDER RIVER	4	61	72
POWDER RIVER in WY	8	61	72

Belle Fourche and Cheyenne River Basins

Snow

The Belle Fourche River Basin SWE is 90% of average for this time of year. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

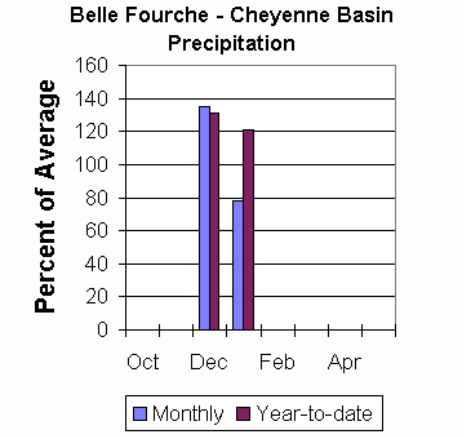


Precipitation

Precipitation for last month was 78% of average or 38% of last year in the Black Hills. There were 2 reporting stations. Monthly percentages range from 77-80%. Year-to-date precipitation is 121% of average and 79% of last year's amount. Yearly percentages range from 117-125% of average.

Reservoir

Current reservoir storage is around 105% of average in the basin. Angostura is currently storing 75% of average (73,400 ac-ft), about 60% of capacity. Belle Fourche reservoir is storing 135% of average (136,400 ac-ft), about 76% of capacity. Deerfield reservoir is storing 111% of average (14,200 ac-ft), about 93% of capacity. Keyhole reservoir is storing 99% of average (101,300 ac-ft), about 52% of capacity. Pactola reservoir is storing 117% of average (53,800 ac-ft), about 98% of capacity. Shadehill reservoir is storing 103% of average (50,600 ac-ft), about 62% of capacity? Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The following runoff values are the 50% exceedance forecasts for the April through July period. The Deerfield Reservoir Inflow is 5,000 ac-ft (98% of average). Pactola Reservoir Inflow is expected to yield around 24,000 ac-ft (104% of average). See the following page for detailed runoff volumes.

BELLE FOURCHE & CHEYENNE RIVER BASINS

Streamflow Forecasts - February 1, 2010

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
DEERFIELD RESERVOIR Inflow							
MAR-JUL	1.7	4.1	5.8	95	7.5	9.9	6.1
MAR-SEP	2.4	5.4	7.5	100	9.6	12.6	7.5
APR-JUL	2.4	3.8	5.0	98	6.3	8.5	5.1
PACTOLA RESERVOIR Inflow							
MAR-JUL	10.2	21	29	112	37	48	26
MAR-SEP	13.0	27	36	115	45	59	31
APR-JUL	9.7	17.4	24	104	32	45	23

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

BELLE FOURCHE & CHEYENNE RIVER BASINS

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ANGOSTURA	122.1	73.4	65.9	98.1
BELLE FOURCHE	178.4	136.4	142.5	101.4
DEERFIELD	15.2	14.2	14.3	12.8
KEYHOLE	193.8	101.3	89.1	102.3
PACTOLA	55.0	53.8	50.9	45.8
SHADEHILL	81.4	50.6	35.5	49.1

BELLE FOURCHE & CHEYENNE RIVER BASINS

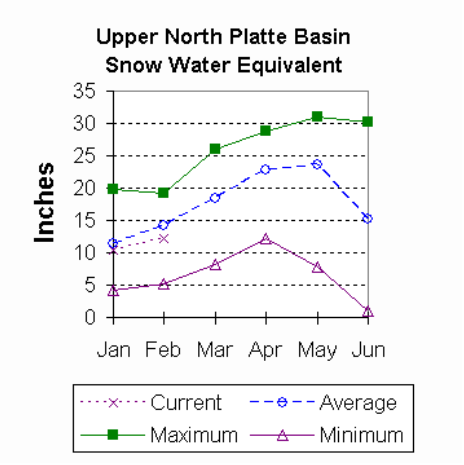
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BELLE FOURCHE	8	55	90

Upper North Platte River Basin

Snow

The SNOTELS and snow courses above Seminoe Reservoir are showing about 86% of average (SWE) for this time of the year. SWE in the drainage area above Northgate is 72% of average at this time. SWE in the Encampment River drainage is about 89% of average. Brush Creek SWE for the year is about 105% of average. Medicine Bow and Rock Creek drainages SWE are about 91% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

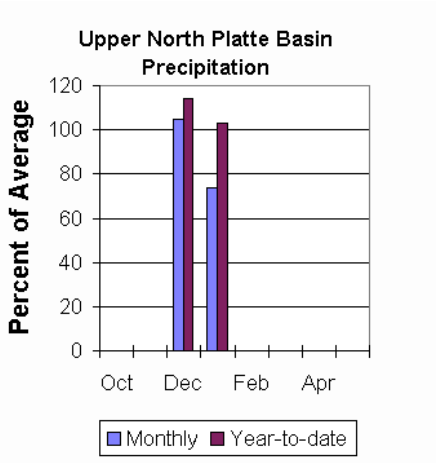


Precipitation

Eight reporting stations show last month's precipitation at 74% of average or 51% of last year's amount. Precipitation varied from 28-136% of average last month. Total water-year-to-date precipitation is about 103% of average for the basin, which is about 95% of last year's amount. Year to date percentage ranges from 78-129% of average.

Reservoirs

Seminoe Reservoir is estimated to be storing 680,500 ac-ft or 67% of capacity. Seminoe Reservoir is also storing about 119% of average for this time of the year and 134% of last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The following yields are the 50% exceedance forecasts for the April through September period and are expected to be below average for the Upper North Platte River Basin. Yield for the North Platte River near Northgate will be around 167,000 ac-ft (62% of average). The Encampment River near Encampment is 142,000 ac-ft (86% of average). Rock Creek near Arlington is 56,000 ac-ft (98% of average). Seminoe Reservoir inflow should be around 635,000 ac-ft (74% of average). See the following table for more detailed information on projected runoff.

UPPER NORTH PLATTE RIVER BASIN

Streamflow Forecasts - February 1, 2010

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	60	105	152	62	199	270	245
APR-SEP	66	115	167	62	220	295	270
ENCAMPMENT RIVER nr Encampment							
APR-JUL	88	115	134	86	153	180	156
APR-SEP	94	123	142	86	161	190	165
ROCK CREEK nr Arlington							
APR-JUL	36	46	53	100	60	70	53
APR-SEP	38	49	56	98	63	74	57
SWEETWATER RIVER nr Alcova							
APR-JUL	12.6	18.5	31	42	47	67	74
APR-SEP	13.6	19.8	34	43	50	73	80
SEMINOE RESERVOIR Inflow							
APR-JUL	240	430	595	74	760	1000	800
APR-SEP	255	460	635	74	810	1070	860

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

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

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

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

(3) - Median value used in place of average.

UPPER NORTH PLATTE RIVER BASIN

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
SEMINOE	1016.7	680.5	507.2	573.2

UPPER NORTH PLATTE RIVER BASIN

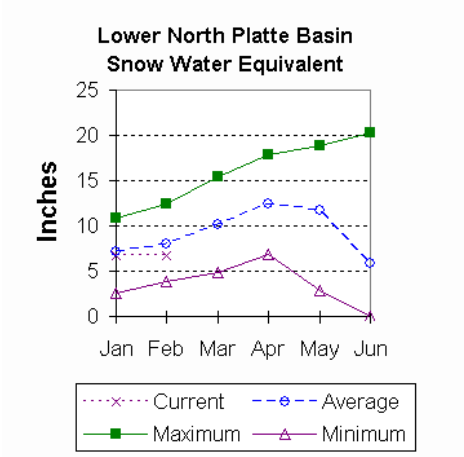
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
N PLATTE above Northgate	7	68	72
ENCAMPMENT RIVER	4	82	89
BRUSH CREEK	5	93	105
MEDICINE BOW & ROCK CREEKS	3	99	91
N PLATTE above Seminoe	19	81	86

Lower North Platte River Basin

Snow

SWE for the North Platte River Basin is at 84% of average. The Sweetwater drainage SWE is currently at 68% of average. Deer and LaPrele Creek SWE are at 82% of average. SWE for the North Platte above the Laramie River drainage is 84% of average. SWE for the Laramie River above Laramie is 87% of average. SWE for the Little Laramie River is 85% of average. The Laramie River above mouth, SWE is 85% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

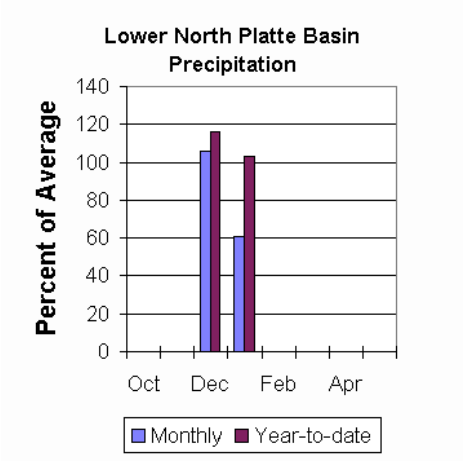


Precipitation

Last month's precipitation was 61% of average or 44% of last year's amount. Of the 8 reporting stations, percentages for the month range from 28-172%. The water year-to-date precipitation for the basin is currently 103% of average (106% of last year). Year-to-date percentages range from 72-168% of average.

Reservoir

The Lower North Platte River basin reservoir storage is above average at 106%. Reservoir storage is as follows: Alcova 155,900 ac-ft (101% of average); Glendo 271,300 ac-ft (81% of average); Guernsey 16,800 ac-ft (185% of average); Pathfinder 731,900 ac-ft (108% of average); Seminoe 680,500 ac-ft (119% of average); and Wheatland #2 42,400 ac-ft (94% of average):



Streamflow

The following yields are based on the 50% exceedance forecasts for the April through September period. The Sweetwater near Alcova is forecast to yield about 34,000 ac-ft (43% of average). Deer Creek at Glenrock is forecast to yield 36,000 ac-ft (97% of average). LaPrele Creek above the reservoir is forecast to yield 19,000 ac-ft (79% of average). North Platte - Alcova to Orin Gain is forecast to yield 135,000 ac-ft (84% of average). North Platte River below Glendo Reservoir is 645,000 ac-ft (65% of average), and below Guernsey Reservoir is anticipated to yield around 665,000 ac-ft (66% of average). Laramie River near Woods Landing should yield around 132,000 ac-ft (98% of average). The Little Laramie near Filmore should produce about 64,000 ac-ft (100% of average). See the following table for more detailed information on projected runoff.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

Streamflow Forecasts - February 1, 2010

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	12.6	18.5	31	42	47	67	74
APR-SEP	13.6	19.8	34	43	50	73	80
DEER CREEK at Glenrock							
APR-JUL	14.0	21	35	95	53	80	37
APR-SEP	14.4	22	36	97	54	81	37
LaPRELE CREEK abv Reservoir							
APR-JUL	7.7	11.5	19.3	80	27	38	24
APR-SEP	7.6	11.2	19.0	79	27	38	24
NORTH PLATTE - Alcova to Orin Gain							
APR-JUL	50	79	126	83	173	240	152
APR-SEP	54	86	135	84	184	255	161
NORTH PLATTE RIVER blw Glendo Res (2)							
APR-JUL	375	535	640	67	745	905	960
APR-SEP	365	535	645	65	755	925	990
NORTH PLATTE RIVER blw Guernsey Res (2)							
APR-JUL	315	510	645	67	780	975	970
APR-SEP	325	525	665	66	805	1000	1010
LARAMIE RIVER nr Woods							
APR-JUL	81	104	120	98	136	159	123
APR-SEP	90	115	132	98	149	174	135
LITTLE LARAMIE RIVER nr Filmore							
APR-JUL	39	50	58	98	66	77	59
APR-SEP	43	56	64	100	72	85	64

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

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ALCOVA	184.3	155.9	156.5	155.0
GLENDO	506.4	271.3	247.4	334.9
GUERNSEY	45.6	16.8	15.7	9.1
PATHFINDER	1016.5	731.9	395.4	678.3
SEMINOE	1016.7	680.5	507.2	573.2
WHEATLAND #2	98.9	42.4	42.4	45.3

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

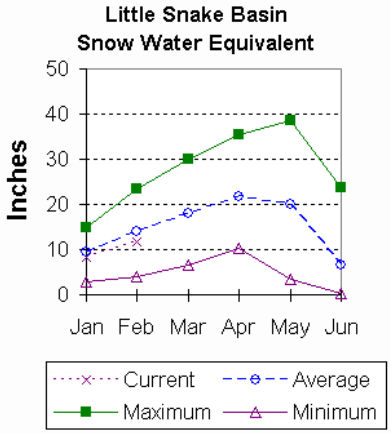
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SWEETWATER	4	115	68
DEER & LaPRELE CREEKS	2	104	82
N PLATTE abv Laramie R.	25	84	84
LARAMIE RIVER abv Laramie	10	81	87
LITTLE LARAMIE RIVER	5	86	85
LARAMIE RIVER above mouth	13	82	85
NORTH PLATTE	31	83	84

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 85% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

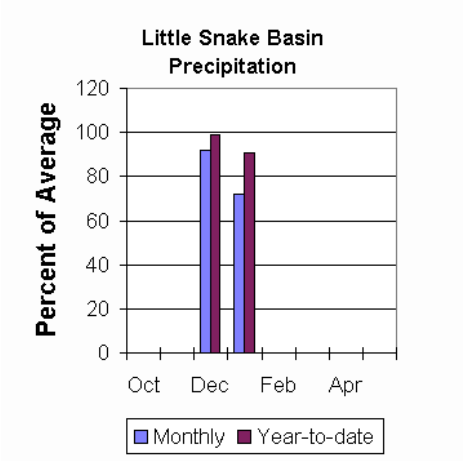
Precipitation across the basin was 72% of average (47% of last year) for the 5 reporting stations. Last month's precipitation ranged from 55-85% of average. The Little Snake River basin water-year-to-date precipitation is currently 91% of average (80% of last year). Year-to-date percentages range from 76-99% of average.

Reservoir

High Savery Dam - Pending

Streamflow

The 50% exceedance forecast for the April through July on the Little Snake River drainage is expected to be below average this year. The Little Snake River near Slater should yield around 124,000 ac-ft (78% of average). The Little Snake River near Dixon is estimated to yield around 260,000 ac-ft (79% of average). See the following table for more detailed information on projected runoff.



LITTLE SNAKE RIVER BASIN

Streamflow Forecasts - February 1, 2010

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Little Snake River nr Slater							
APR-JUL	84	107	124	78	142	172	159
Little Snake River nr Dixon							
APR-JUL	162	220	260	79	305	380	330

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

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

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

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

(3) - Median value used in place of average.

LITTLE SNAKE RIVER BASIN

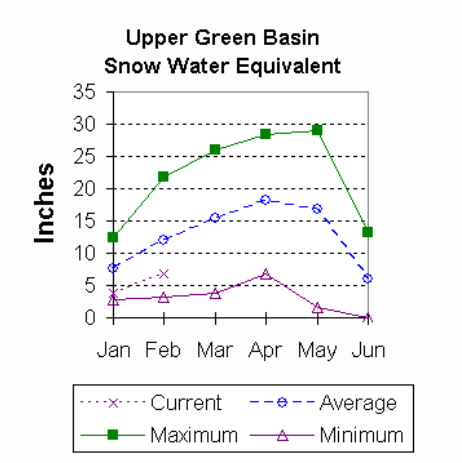
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LITTLE SNAKE RIVER	8	75	85

Upper Green River Basin

Snow

SWE in the Green River Basin above Warren Bridge is about 46% of average. SWE for the West Side of Upper Green River Basin is about 61% of average. Newfork River Basin SWE is now about 48% of average. Big Sandy-Eden Valley Basin is 53% of average. SWE in the Green River Basin above Fontenelle Reservoir is about 56% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

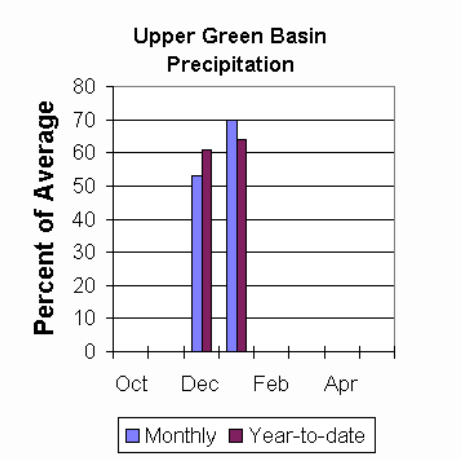


Precipitation

The 11 reporting precipitation sites in the basin were 70% of average last month (61% of last year). Last month's precipitation varied from 56-92% of average. Water year-to-date precipitation is about 64% of average (60% of last year). Year to date percentage of average ranges from 52-79% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 19,600 ac-ft or 51% of capacity. This is 105% of average. Eden Reservoir - No Report. Fontenelle Reservoir is 197,800 ac-ft or 57% of capacity; 109% of average. This is 108% of average for the Upper Green River basin. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The 50% exceedance forecasts for the April through July runoff period in the Upper Green River Basin are forecast to be below average. The yield on the Green River at Warren Bridge is 175,000 ac-ft (66% of average). Pine Creek above Fremont Lake is 75,000 ac-ft (72% of average). New Fork River near Big Piney is 250,000 ac-ft (63% of average). Fontenelle Reservoir Inflow is estimated to be 525,000 ac-ft (61% of average), and Big Sandy near Farson is expected to be around 40,000 ac-ft (69% of average). See the following table for more detailed information on projected runoff.

UPPER GREEN RIVER BASIN

Streamflow Forecasts - February 1, 2010

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	130	156	175	66	195	225	265
Pine Creek abv Fremont Lake							
APR-JUL	61	69	75	72	81	91	104
New Fork River nr Big Piney							
APR-JUL	162	210	250	63	290	355	395
Fontenelle Reservoir Inflow							
APR-JUL	295	425	525	61	635	820	860
Big Sandy River nr Farson							
APR-JUL	27	34	40	69	46	57	58

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

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

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

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

(3) - Median value used in place of average.

UPPER GREEN RIVER BASIN

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BIG SANDY	38.3	19.6	12.6	18.6
EDEN		NO REPORT		
FONTENELLE	344.8	197.8	150.5	182.2

UPPER GREEN RIVER BASIN

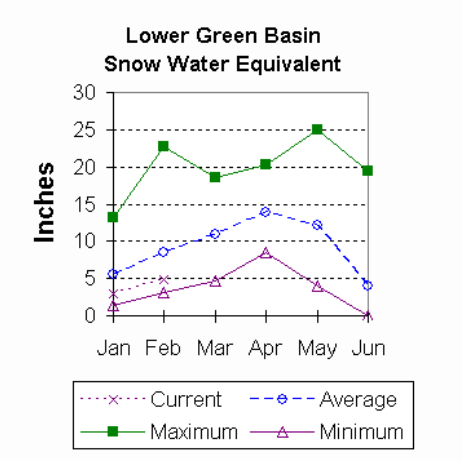
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
GREEN above Warren Bridge	4	50	46
UPPER GREEN (West Side)	7	66	61
NEWFORK RIVER	3	51	48
BIG SANDY/EDEN VALLEY	2	75	53
GREEN above Fontenelle	14	60	56

Lower Green River Basin

Snow

SWE in the Green River Basin above Flaming Gorge is 57% of average. SWE in the Hams Fork Basin is 62% of average. Blacks Fork Basin SWE is currently 65% of average. In the Henrys Fork drainage SWE is 78%. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

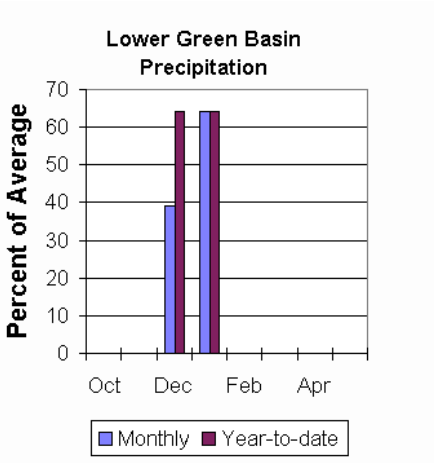


Precipitation

Precipitation was below average for the 3 reporting stations during last month at 64% of average or 75% of last year. Precipitation ranged from 58-66% of average for the month. The basin year-to-date precipitation is currently 64% of average (77% of last year). Year-to-date percentages range from 61-73% of average.

Reservoirs

Fontenelle Reservoir is currently storing 197,800 ac-ft; this is 94% of average (111% of last year). Flaming Gorge is currently storing 3,210,000 ac-ft; this is 107% of average (109% of last year). Viva Naughton is currently storing 31,500 ac-ft; 104% of average (100% of last year). Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The 50% exceedance forecasts for the April through July runoff period in the Lower Green River Basin are forecast to be below average. The Green River near Green River is forecast to yield about 540,000 ac-ft (62% of average). The Blacks Fork near Robertson is forecast to yield 65,000 ac-ft (68% of average). East Fork of Smiths Fork near Robertson is forecast to yield 20,000 ac-ft (69% of average). Hams Fork below Pole Creek near Frontier is forecast to be 38,000 ac-ft (59% of average). The Hams Fork Inflow to Viva Naughton Reservoir is forecast to be 50,000 ac-ft (56% of average). The Flaming Gorge Reservoir inflow will be about 675,000 ac-ft (57% of average). See the following table for more detailed information on projected runoff.

LOWER GREEN RIVER BASIN

Streamflow Forecasts - February 1, 2010

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	330	450	540	62	640	805	875
Blacks Fork nr Robertson							
APR-JUL	41	55	65	68	76	94	95
EF of Smiths Fork nr Robertson (2)							
APR-JUL	11.5	16.3	20	69	24	31	29
Hams Fk blw Pole Ck nr Frontier							
APR-JUL	19.6	30	38	59	47	62	65
Hams Fork Inf to Viva Naughton Res							
APR-JUL	25	39	50	56	63	84	89
Flaming Gorge Reservoir Inflow (2)							
APR-JUL	345	530	675	57	840	1110	1190

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

LOWER GREEN RIVER BASIN

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
FONTENELLE	344.8	197.8	150.5	182.2
FLAMING GORGE	3749.0	3110.0	3054.0	2966.0
VIVA NAUGHTON RES	42.4	31.5	31.5	30.3

LOWER GREEN RIVER BASIN

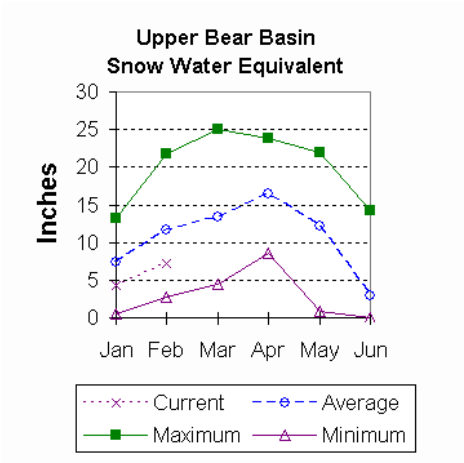
Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HAMS FORK RIVER	4	72	62
BLACKS FORK	0	0	0
HENRYS FORK	0	0	0
GREEN above Flaming Gorge	18	62	56

Upper Bear River Basin

Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 68% of average. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 64% of average. Bear River Basin SWE, above the Idaho State line, is 61% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

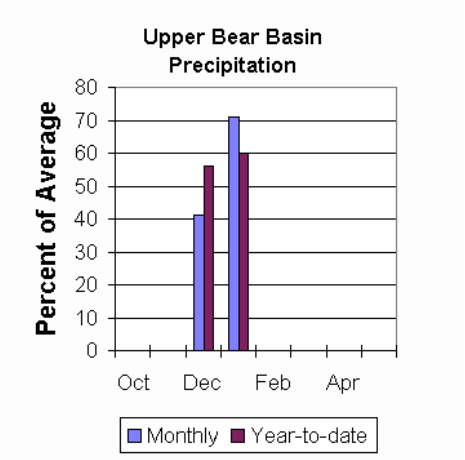
Precipitation for last month was 71% of average for the 2 reporting stations; this is 82% of the precipitation received last year. The year-to-date precipitation, for the basin, is 60% of average; this is 75% of last year's amount.

Reservoir

Storage, in Woodruff Narrows reservoir, is about 46,200 ac-ft (183% of average). Current reservoir storage is about 81% of capacity. Reservoir storage last year at this time was 43,000 ac-ft at this time.

Streamflow

The following 50% exceedance forecasts are for the April through September period. The Bear River near the Utah-Wyoming State Line is 90,000 ac-ft (72% of average). The Bear River above Reservoir near Woodruff is 98,000 ac-ft (69% of average). The Smiths Fork River near Border is 74,000 ac-ft (61% of average). See the following table for more detailed information on projected runoff.



UPPER BEAR RIVER BASIN

Streamflow Forecasts - February 1, 2010

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions * 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Bear River nr UT-WY State Line							
APR-JUL	45	69	85	75	101	125	113
APR-SEP	45	72	90	72	108	135	125
Bear River ab Reservoir nr Woodruff							
APR-JUL	5.0	57	95	70	133	189	136
APR-SEP	7.0	50	98	69	146	220	142
Smiths Fork nr Border							
APR-JUL	35	53	65	63	77	95	103
APR-SEP	40	60	74	61	88	108	121

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

UPPER BEAR RIVER BASIN

Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
WOODRUFF NARROWS	57.3	46.2	43.0	25.2

UPPER BEAR RIVER BASIN

Watershed Snowpack Analysis - February 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER BEAR RIVER in Utah	5	69	68
SMITHS & THOMAS FORKS	4	72	64
BEAR RIVER abv ID line	7	69	61
NORTHWEST	74	65	62
NORTHEST	23	58	75
SOUTHEAST	35	78	81
SOUTHWEST	31	68	66

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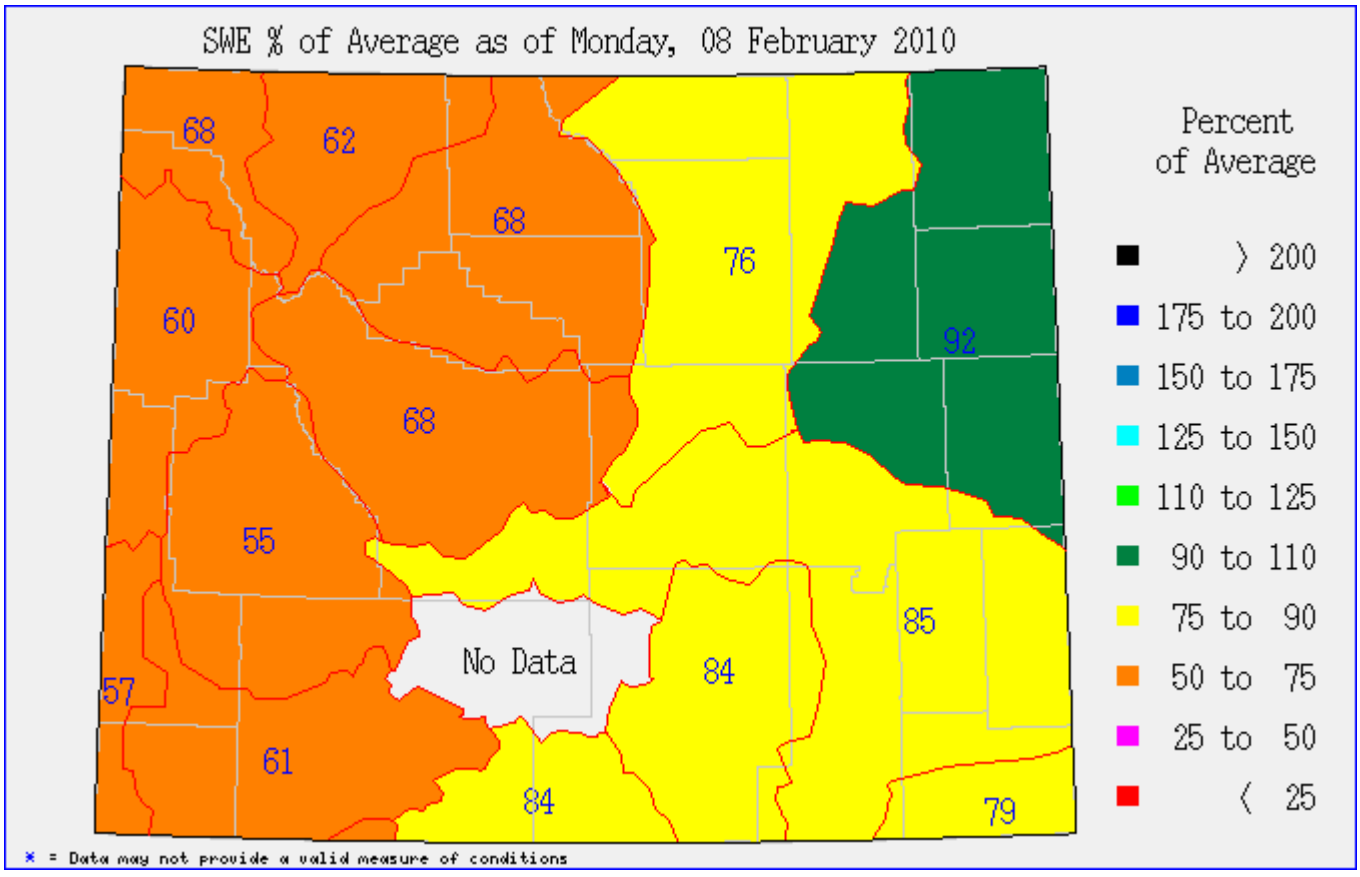

The Following Agencies and Organizations Cooperate with the Natural Resources Conservation Service on the Snow Survey Work.

FEDERAL:

United States Department of the Interior (National Park Service)

United States Department of Agriculture (Forest Service)

United States Department of the Interior (Bureau of Reclamation)

United States Department of Commerce NOAA (National Weather Service)

State:

The Wyoming State Engineer's Office

The University of Wyoming

Local:

The City of Cheyenne

The City of Rawlins

Wyoming
Basin Outlook Report

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