United States
Department of
Agriculture

**Natural
Resources
Conservation
Service**

Wyoming
Basin Outlook Report
January 1, 2010

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, 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 January 1st at 76%. May precipitation for the basins varied from 39-135% of average. Year-to-date precipitation for Wyoming basins varied from 56-131% of average. Forecasted runoff varies from 51-115% of average across the Wyoming basins for an overall average of 68%. Basin reservoir levels for Wyoming vary from 81-214% of average for an overall average of 109%.

Snowpack

Snow water equivalent (SWE), across Wyoming is below average for this time of year at 76%. SWE in the NW portion of Wyoming is now about 66% of average (72% of last year). NE Wyoming SWE is currently about 87% of average (70% of last year). The SE Wyoming SWE is currently about 89% of average (103% of last year). The SW Wyoming SWE is about 64% of average (73% of last year).

Precipitation

Last month's precipitation was way below average across Wyoming. The Lower Green River Basin had the lowest precipitation for the month at 39% of average. The Belle Fourche & Cheyenne River Basins had the highest precipitation amount at 135% 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	-44%	Upper North Platte River	+05%
Yellowstone & Madison	-46%	Lower North Platte	+06%
Wind River	-51%	Little Snake River	-08%
Big Horn	-53%	Upper Green River	-47%
Shoshone & Clarks Fork	-42%	Lower Green River	-61%
Powder & Tongue River	-36%	Upper Bear River	-59%
Belle Fourche & Cheyenne	+35%		

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 68% (varying from 51-115% of average). The Snake River and Upper Yellowstone & Madison River Basins are expected to yield about 68 and 68% of average, respectively; 62-102% of average for the various forecast points in the basins: Yields from the Wind and Bighorn River Basins are expected to be about 65 and 51% of average, respectively; varying from 51-79% of average in the basins: Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 70% of average; varying from 63-72% of average: Yields from the Powder & Tongue River Basins are expected to be about 51% of average; 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 81 and 82% of average, respectively; varying from 71-107% of average: Yields for the Little Snake, Green River, and Little Bear of

Wyoming are expected to be 86, 72, and 65% of average respectively; yield estimates vary from 65-86% of average:

Reservoirs

Reservoir storage varies widely across the state however reservoir storage is at 109% of average for the entire state. Reservoirs on the North Platte River are above average at 107% of average. Reservoirs in the northeast are above average in storage at 119%. Reservoirs in the Wind River Basin are below average at 96%. Reservoirs on the Big Horn are slightly above average at 102%. The Buffalo Bill Reservoir on the Shoshone is above average at 107%. Reservoirs on the Green River are above average at 106%. 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	99
ANGOSTURA	96	53	79	122	182
BELLE FOURCHE	75	72	51	148	104
BIG SANDY	51	31	48	107	165
BIGHORN LAKE	72	72	67	107	100
BOYSEN	00	96	104	96	104
BUFFALO BILL	69	70	65	107	99
BULL LAKE	53	59	57	94	91
DEERFIELD	29	94	81	654	562
EDEN			NO REPORT		
ENNIS LAKE	70	67	77	92	105
FLAMING GORGE	87	80	81	107	109
FONTENELLE	57	52	61	94	111
GLENDO	45	42	56	81	108
GRASSY LAKE	82	84	76	108	98
GUERNSEY	32	29	16	200	107
HEBGEN LAKE	87	76	71	122	114
JACKSON LAKE	74	76	57	131	98
KEYHOLE	52	45	52	99	115
PACTOLA	00	91	83	120	109
PALISADES	76	59	74	103	129
PATHFINDER	72	38	63	115	188
PILOT BUTTE	84	81	64	131	104
SEMINOE	67	50	62	108	134
SHADEHILL	64	45	62	104	143
TONGUE RIVER	61	62	28	214	98
VIVA NAUGHTON RES			NO REPORT		
WHEATLAND #2	65		43	152	
WOODRUFF NARROWS	77	73	41	186	105
TOTAL 26 RESERVOIRS	77	67	71	109	114

Raw KAF Total Current= 10091 Last Year=8839 Average=9295 Capacity=13147

BASIN SUMMARY OF
SNOW COURSE DATA

JANUARY 2010

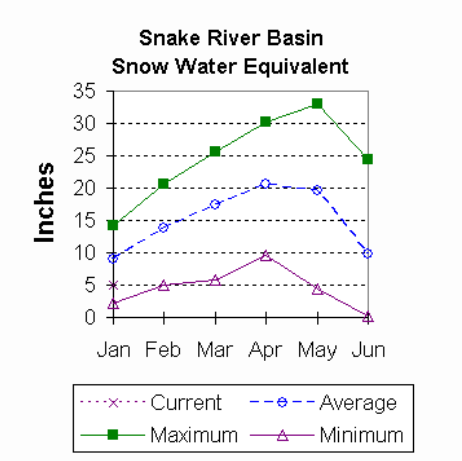
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and SNOTEL Stations						
BALD MOUNTAIN SNOTEL	9380	1/01/10	30	6.4	10.2	9.7
BASE CAMP SNOTEL	7030	1/01/10	---	3.8	6.1	8.2
BATTLE MTN. SNOTEL	7440	1/01/10	27	4.3	4.3	4.1
BEARTOOTH LK. SNOTEL	9280	1/01/10	35	8.1	9.4	11.5
BEAR TRAP SNOTEL	8200	1/01/10	11	2.2	3.8	2.6
BIG GOOSE SNOTEL	7760	1/01/10	19	3.9	3.9	4.4
BIG SANDY SNOTEL	9080	1/01/10	21	4.4	5.6	6.9
BLACKWATER SNOTEL	9780	1/01/10	38	9.6	10.6	12.0
BLIND PARK SNOTEL	6870	1/01/10	15	3.2	4.5	3.5
BONE SPGS. SNOTEL	9350	1/01/10	28	5.8	9.6	7.8
BROOKLYN LK. SNOTEL	10220	1/01/10	41	10.3	8.1	10.8
BURGESS JCT. SNOTEL	7880	1/01/10	24	5.5	6.0	5.5
BURROUGHS CRK SNOTEL	8750	1/01/10	19	4.2	7.6	6.7
CANYON SNOTEL	8090	1/01/10	25	4.6	5.5	6.1
CASPER MTN. SNOTEL	7850	1/01/10	---	5.0	3.4	6.9
CHALK CK #1 SNOTEL	9100	1/01/10	35	8.0	8.8	10.1
CHALK CK #2 SNOTEL	8200	1/01/10	21	4.5	6.0	6.7
CINNABAR PARK SNOTEL	9690	1/01/10	41	9.6	8.0	9.9
CLOUD PEAK SNOTEL	9850	1/01/10	23	5.9	7.9	5.7
COLE CANYON SNOTEL	5910	1/01/10	14	2.6	3.3	3.3
COLD SPRINGS SNOTEL	9630	1/01/10	11	3.1	3.7	4.6
COTTONWOOD CR SNOTEL	7700	1/01/10	---	4.8	10.7	9.7
CROW CREEK SNOTEL	8830	1/01/10	22	6.2	3.9	3.4
DARBY CANYON	8250	1/04/10	32	5.0	--	10.5
DEER PARK SNOTEL	9700	1/01/10	29	7.1	6.3	6.7
DITCH CREEK	6870	12/28/09	8	2.0	2.4	--
DIVIDE PEAK SNOTEL	8860	1/01/10	41	8.7	7.9	9.2
DOME LAKE SNOTEL	8880	1/01/10	21	3.9	6.3	6.1
EAST RIM DIV SNOTEL	7930	1/01/10	---	1.8	3.6	5.9
ELBO RANCH	7100	1/05/10	13	1.6	4.7	--
ELKHART PARK SNOTEL	9400	1/01/10	---	3.5	6.4	6.3
EVENING STAR SNOTEL	9200	1/01/10	43	10.2	11.8	13.7
GRAND TARGHEE SNOTEL	9260	1/01/10	68	14.8	17.8	--
GRANITE CRK SNOTEL	6770	1/01/10	---	2.9	6.5	7.6
GRASSY LAKE SNOTEL	7270	1/01/10	50	8.6	12.8	14.7
GRAVE SPRINGS SNOTEL	8550	1/01/10	16	3.8	3.1	4.0
GROS VENTRE SNOTEL	8750	1/01/10	17	3.6	7.1	6.9
HANSEN S.M. SNOTEL	8360	1/01/10	9	2.3	2.9	3.3
HAMS FORK SNOTEL	7840	1/01/10	---	2.0	3.2	5.5
HOBBS PARK SNOTEL	10100	1/01/10	28	6.8	6.1	7.6
INDIAN CREEK SNOTEL	9430	1/01/10	---	7.6	9.3	12.5
JACKPINE CREEK	7350	1/04/10	28	4.8	--	9.3
KELLEY R.S. SNOTEL	8180	1/01/10	---	3.7	6.2	7.6
KENDALL R.S. SNOTEL	7740	1/01/10	12	2.2	4.9	6.7
KIRWIN SNOTEL	9550	1/01/10	21	4.3	6.4	5.9
LAKE CAMP	7780	12/31/09	17	3.2	5.2	4.2
LA PRELE SNOTEL	8380	1/01/10	23	4.2	2.6	5.3
LEWIS LAKE SNOTEL	7850	1/01/10	55	9.4	11.9	14.8
LITTLE BEAR RUN	6240	12/28/09	10	2.2	3.6	1.7
LITTLE WARM SNOTEL	9370	1/01/10	14	3.0	5.2	5.3
LOOMIS PARK SNOTEL	8240	1/01/10	---	2.7	7.1	8.0
LUPINE CREEK	7380	12/30/09	14	3.0	.7	4.0
MALLO	6420	12/28/09	18	2.5	6.0	2.9
MARQUETTE SNOTEL	8760	1/01/10	14	3.4	2.2	5.0
MIDDLE POWDER SNOTEL	7760	1/01/10	18	4.8	4.1	5.5
NEW FORK SNOTEL	8340	1/01/10	4	1.4	5.9	5.4

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
NORRIS BASIN	7500	12/29/09	14	2.0	4.3	5.1
NORTH FRENCH SNOTEL	10130	1/01/10	68	15.0	12.3	13.4
NORTH RAPID CK SNTL	6130	1/01/10	22	5.0	4.9	3.3
OLD BATTLE SNOTEL	9920	1/01/10	63	14.6	12.7	14.6
OLD FAITHFUL	7400	12/31/09	16	3.1	6.4	6.0
OWL CREEK SNOTEL	8980	1/01/10	15	3.2	3.1	2.7
PARKERS PEAK SNOTEL	9400	1/01/10	43	9.3	11.3	10.6
PHILLIPS BNCH SNOTEL	8200	1/01/10	29	5.8	12.0	12.6
POCKET CREEK SNOTEL	9350	1/01/10	24	4.3	--	--
POWDER RVR.PASS SNTL	9480	1/01/10	16	3.5	6.2	5.3
RENO HILL SNOTEL	8500	1/01/10	34	7.2	4.0	6.6
SAGE CK BASIN SNTL	7850	1/01/10	33	5.7	4.5	5.3
SALT RIVER SNOTEL	7600	1/01/10	---	2.6	5.0	5.4
SAND LAKE SNOTEL	10050	1/01/10	62	14.8	11.1	14.9
SANDSTONE RS SNOTEL	8150	1/01/10	39	3.7	5.8	5.3
SHELL CREEK SNOTEL	9580	1/01/10	29	5.6	8.8	7.3
SNAKE RV STA SNOTEL	6920	1/01/10	24	4.1	6.0	7.9
SNIDER BASIN SNOTEL	8060	1/01/10	15	3.4	5.4	6.9
SOUTH BRUSH SNOTEL	8440	1/01/10	34	6.1	6.0	5.1
SOUTH PASS SNOTEL	9040	1/01/10	28	6.5	6.2	8.2
SPRING CRK. SNOTEL	9000	1/01/10	36	7.0	10.0	12.5
ST LAWRENCE ALT SNTL	8620	1/01/10	14	2.7	1.8	3.8
SUCKER CREEK SNOTEL	8880	1/01/10	29	6.0	7.3	5.2
SYLVAN LAKE SNOTEL	8420	1/01/10	32	6.2	8.0	10.5
SYLVAN ROAD SNOTEL	7120	1/01/10	15	3.2	5.2	6.2
THUMB DIVIDE SNOTEL	7980	1/01/10	24	4.6	7.7	7.6
TIE CREEK SNOTEL	6870	1/01/10	5	.6	1.9	2.5
TIMBER CREEK SNOTEL	7950	1/01/10	7	1.5	2.5	3.0
TOGWOTEE PASS SNOTEL	9580	1/01/10	36	8.1	12.7	11.7
TOWNSEND CRK SNOTEL	8700	1/01/10	22	4.8	3.7	4.4
TRIPLE PEAK SNOTEL	8500	1/01/10	33	8.2	10.2	11.9
TWO OCEAN SNOTEL	9240	1/01/10	47	10.8	15.4	13.5
WEBBER SPRING SNOTEL	9250	1/01/10	41	9.7	9.9	11.5
WHISKEY PARK SNOTEL	8950	1/01/10	49	8.1	10.3	11.1
WILLOW CREEK SNOTEL	8450	1/01/10	---	9.0	12.9	14.3
WINDY PEAK SNOTEL	7900	1/01/10	15	3.6	2.4	3.5
WOLVERINE SNOTEL	7650	1/01/10	13	3.7	4.6	5.8
YOUNTS PEAK SNOTEL	8350	1/01/10	21	5.5	8.7	7.9

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) is below average at 55%. SWE in the Snake River Basin above Jackson Lake is 64% of average. Pacific Creek Basin SWE is 67% of average. Gros Ventre River Basin SWE is 63% of average. SWE in the Hoback River drainage is 42% of average. SWE in the Greys River drainage is 55% of average. In the Salt River area SWE is 56% of average. SWE in the Snake River Basin above Palisades is 55% of average. See the "Basin Summary of Snow Course Data" at the beginning of this report for a detailed listing of snow course information.

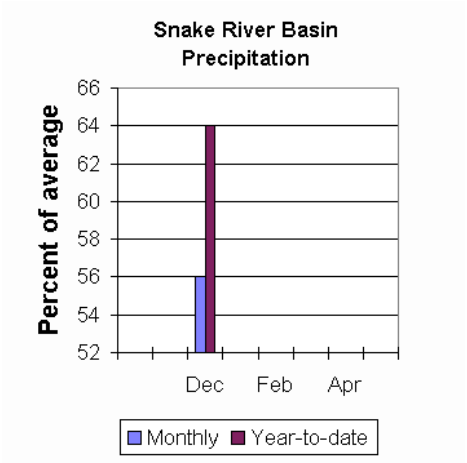


Precipitation

Precipitation across the basin was below average last month. Monthly precipitation for the basin was 56% of average (50% of last year). Last month's percentages range from 43-79% of average for the 16 reporting stations. Water-year-to-date precipitation is 64% of average for the Snake River Basin (65% of last year). Year-to-date percentages range from 48-74% of average.

Reservoir

Current reservoir storage is 112% of average for the 3 storage reservoirs in the basin. Grassy Lake storage is about 108% of average (12,500 ac-ft compared to 12,700 last year). Jackson Lake storage is 131% of average (628,700 ac-ft compared to 639,500 ac-ft last year). Palisades Reservoir storage is about 103% of average 1,066,300 ac-ft compared to 829,100 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

The 50% exceedance forecasts for April through September are below average for the basin. The Snake near Moran is 645,000 ac-ft (71% of average). Snake above reservoir near Alpine is 1,750,000 ac-ft (64% of average). The Snake near Irwin is 2,700,000 ac-ft (70% of average). The Snake near Heise is 2,840,000 ac-ft (68% of average). Pacific Creek near Moran is 115,000 ac-ft (65% of average). Greys River above Palisades Reservoir is 270,000 ac-ft (68% of average). Salt River near Etna is 275,000 ac-ft (66% of average). See the following page for detailed runoff volumes.

SNAKE RIVER BASIN

Streamflow Forecasts - January 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)
SNAKE nr Moran (1,2)							
APR-JUL	300	495	580	71	665	860	815
APR-SEP	335	550	645	71	740	955	905
SNAKE abv Resv nr Alpine (1,2)							
APR-JUL	615	1230	1510	64	1790	2410	2370
APR-SEP	735	1430	1750	64	2070	2770	2730
SNAKE nr Irwin (1,2)							
APR-JUL	1340	2000	2300	69	2600	3260	3330
APR-SEP	1620	2360	2700	70	3040	3780	3870
SNAKE near Heise (2)							
APR-JUL	1620	2100	2420	68	2740	3220	3560
APR-SEP	1930	2470	2840	68	3210	3750	4160
Pacific Ck At Moran							
APR-JUL	49	85	110	64	135	171	171
APR-SEP	53	90	115	65	140	177	178
Greys R Nr Alpine							
APR-JUL	136	195	235	69	275	335	340
APR-SEP	154	225	270	68	315	385	395
Salt R Nr Etna							
APR-JUL	69	159	220	65	280	370	340
APR-SEP	99	205	275	66	345	450	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
GRASSY LAKE	15.2	12.5	12.7	11.6
JACKSON LAKE	847.0	628.7	639.5	481.7
PALISADES	1400.0	1066.3	829.1	1036.5

SNAKE RIVER BASIN

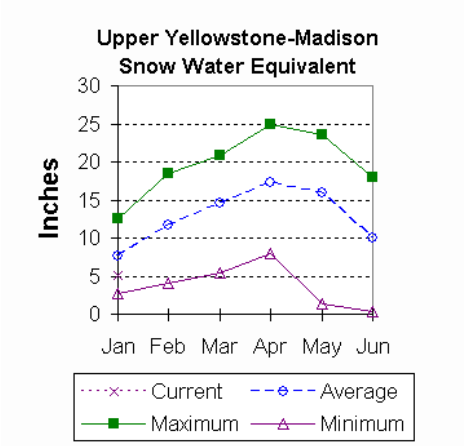
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SNAKE above Jackson Lake	5	70	64
PACIFIC CREEK	2	68	67
GROS VENTRE RIVER	2	53	63
HOBACK RIVER	5	51	42
GREYS RIVER	4	63	55
SALT RIVER	3	57	56
SNAKE above Palisades	17	60	55

Upper Yellowstone & Madison River Basins

Snow

Snowfall in these basins has been around average so far this year. Snow water equivalent (SWE) is at 61% of average in the Madison drainage. SWE in the Yellowstone drainage is at 72% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.

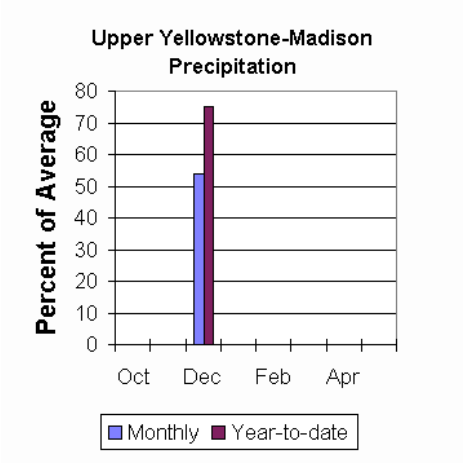


Precipitation

Last month precipitation in the Madison and Yellowstone drainage was about 54% of average (47% of last year). The 5 reporting stations percentages range from 43-67% of average. Water-year-to-date precipitation is about 75% of average (78% of last year's amount). Year to date percentage ranges from 63-842%.

Reservoir

Ennis Lake is storing about 28,900 ac-ft of water (70% of capacity, 92% of average or 105% of last year's volume). Hebgen Lake is storing about 327,000 ac-ft of water (87% of capacity, 122% of average or 114% 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 - January 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)
YELLOWSTONE at Lake Outlet							
APR-JUL	240	325	380	64	435	520	590
APR-SEP	315	420	495	62	570	675	805
YELLOWSTONE RIVER at Corwin Springs							
APR-JUL	815	1020	1160	70	1300	1500	1650
APR-SEP	955	1200	1360	69	1520	1760	1970
YELLOWSTONE RIVER near Livingston							
APR-JUL	920	1160	1320	70	1480	1720	1900
APR-SEP	1090	1370	1560	68	1750	2030	2280
HEBGEN Reservoir Inflow							
APR-JUL	194	245	280	71	315	365	395
APR-SEP	260	325	365	72	405	470	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ENNIS LAKE	41.0	28.9	27.4	31.5
HEBGEN LAKE	377.5	327.0	285.8	267.6

UPPER YELLOWSTONE & MADISON RIVER BASINS

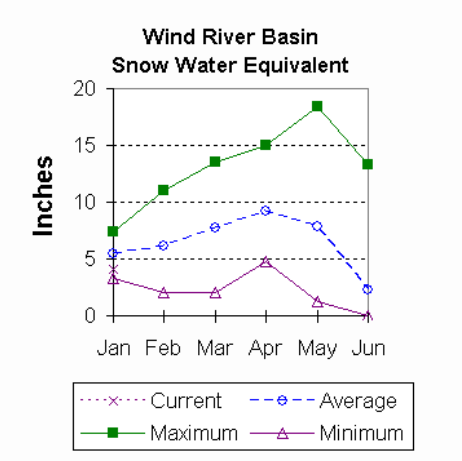
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON RIVER in WY	8	69	61
YELLOWSTONE RIVER in WY	11	74	72

Wind River Basin

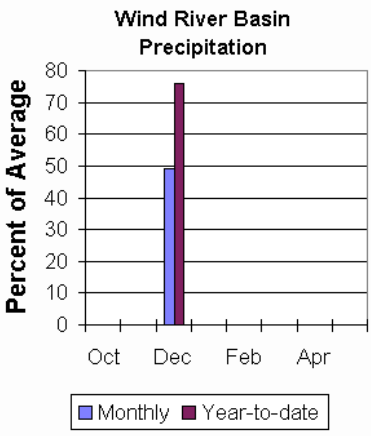
Snow

The Wind River Basin above Boysen Reservoir has below average snow water equivalent (SWE 75%) for this time of the year. SWE in the Wind River above Dubois is 65% of average. The Little Wind SWE is 83% of average, and the Popo Agie drainage SWE is about 94% 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 16-93% of average. Precipitation, for the basin, was about 49% of average from the 8 reporting stations; that is about 40% of last year's amount. Water year-to-date precipitation is 76% of average and about 75% of last year at this time. Year-to-date percentages range from 45-110% of average.



Reservoirs

Current storage varies from 94-131% of average. Usable storage in Bull Lake is currently about 80,800 ac-ft (94% of average) - the reservoir is about 91% of last year. Boysen Reservoir is storing about 96% of average (593,900 ac-ft) – the reservoir is about 104% of last year. Pilot Butte is at 131% of average (26,500 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 June through September runoff period for the basin are below average now. Dinwoody Creek near Burris is 65,000 ac-ft (69% of average). The Wind River above Bull Lake Creek is 330,000 ac-ft (62% of average). Bull Lake Creek near Lenore is 121,000 ac-ft (67% of average). Wind River at Riverton will yield around 335,000 ac-ft (52% of average). Little Popo Agie River near Lander is around 42,000 ac-ft (79% of average). South Fork of Little Wind near Fort Washakie will yield around 63,000 ac-ft (75% of average). Little Wind River near Riverton will yield around 220,000 ac-ft (70% of average). Boysen Reservoir inflow will yield around 525,000 ac-ft (65% of average). See the following page for detailed runoff volumes.

WIND RIVER BASIN
Streamflow Forecasts - January 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	28	38	44	66	50	60	67
APR-SEP	44	56	65	69	74	86	94
WIND RIVER abv Bull Lake Cr (2)							
APR-JUL	104	200	265	61	330	425	435
APR-SEP	149	255	330	62	405	510	535
BULL LAKE CR near Lenore							
APR-JUL	66	86	100	68	114	134	148
APR-SEP	78	104	121	67	138	164	182
WIND RIVER at Riverton (2)							
APR-JUL	109	225	300	55	375	490	545
APR-SEP	107	245	335	52	425	565	640
LT POPO AGIE RIVER nr Lander							
APR-JUL	14.1	27	36	78	45	58	46
APR-SEP	18.6	33	42	79	51	65	53
SF LT WIND nr Fort Washakie							
APR-JUL	31	45	55	75	65	79	73
APR-SEP	36	52	63	75	74	90	84
LT WIND RIVER nr Riverton							
APR-JUL	78	134	195	70	255	345	280
APR-SEP	88	154	220	70	285	385	315
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	196	335	490	68	645	870	717
APR-SEP	210	350	525	65	700	955	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BULL LAKE	151.8	80.8	89.2	86.3
BOYSEN	596.0	593.9	572.8	620.4
PILOT BUTTE	31.6	26.5	25.6	20.2

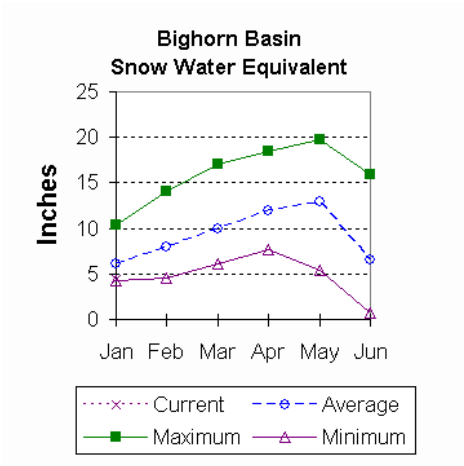
WIND RIVER BASIN
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER above Dubios	3	58	65
LITTLE WIND	2	120	83
POPO AGIE	4	113	94
WIND above Boysen Resv	7	77	75

Bighorn River Basin

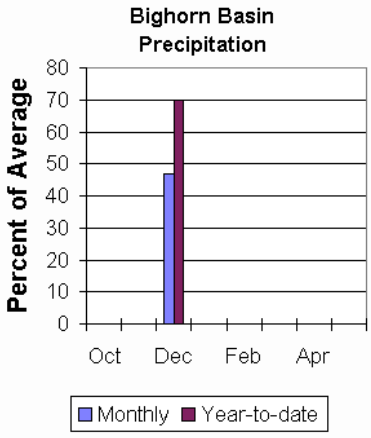
Snow

The Bighorn River Basin SWE above Bighorn Reservoir is below average at 72%. The Nowood River is at 77% of average. The Greybull River SWE is at 65% of average. Shell Creek SWE is 72% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Last month's precipitation was 47% of average (39% of last year). Sites ranged from 25-68% of average for the month. Year-to-date precipitation is 70% of average; that is 63% of last year at this time. Year-to-date percentages, from the 9 reporting stations, range from 55-92%.



Reservoir

Boysen Reservoir is currently storing 593,900 ac-ft (96% of average). Bighorn Lake is now at 107% of average (971,000 ac-ft). Boysen is currently storing 104% of last year volume at this time and Big Horn Lake is storing 100% of last year's volume. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for the April through September runoffs are anticipated to be below average. Boysen Reservoir inflow should yield 525,000 ac-ft (65% of average); the Greybull River near Meeteetse should yield around 127,000 ac-ft (64% 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 560,000 ac-ft (51% of average). See the following page for detailed runoff volumes.

BIGHORN RIVER BASIN

Streamflow Forecasts - January 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)
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	196	335	490	68	645	870	717
APR-SEP	210	350	525	65	700	955	809
GREYBULL RIVER nr Meeteetse							
APR-JUL	56	77	92	62	107	128	148
APR-SEP	81	108	127	64	146	173	200
SHELL CREEK nr Shell							
APR-JUL	23	32	38	63	44	53	60
APR-SEP	32	41	48	67	55	64	72
BIGHORN RIVER at Kane (2)							
APR-JUL	215	355	545	55	735	1010	1000
APR-SEP	220	350	560	51	770	1080	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BOYSEN	596.0	593.9	572.8	620.4
BIGHORN LAKE	1356.0	971.0	975.4	911.1

BIGHORN RIVER BASIN

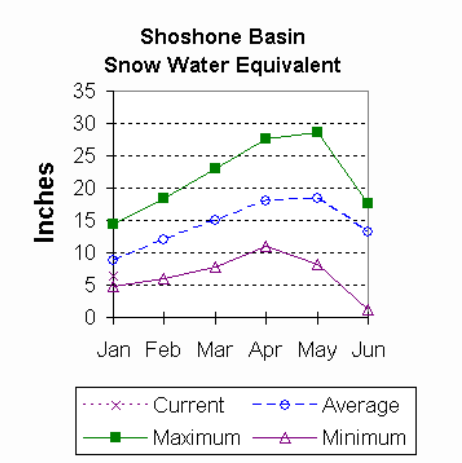
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
NOWOOD RIVER	2	81	77
GREYBULL RIVER	2	65	65
SHELL CREEK	3	62	72
BIGHORN (Boysen-Bighorn)	7	67	72

Shoshone and Clarks Fork River Basin

Snow

Snowpack in these basins is below average for this time of year. Snow Water Equivalent (SWE) is 69% of average in the Shoshone River Basin. The Clarks Fork River Basin SWE is 76% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.

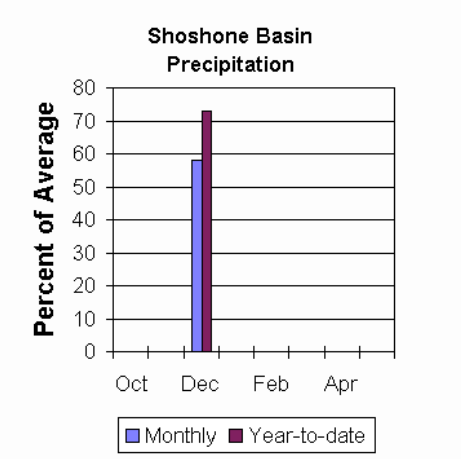


Precipitation

Precipitation for last month was 58% of average (47% of last year). Monthly percentages range from 44-75% of average. The basin year-to-date precipitation is now 73% of average (80% of last year). Year-to-date percentages range from 55-87% of average for the 8 reporting stations.

Reservoir

Current storage in Buffalo Bill Reservoir is about 107% of average (99% of last year's storage) – the reservoir is at about 69% of capacity. Currently, about 448,300 ac-ft are stored in the reservoir compared to 452,800 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 slightly 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 - January 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	215	275	315	69	355	415	460
APR-SEP	250	315	355	68	395	460	520
SF SHOSHONE RIVER nr Valley							
APR-JUL	96	125	145	64	165	194	225
APR-SEP	113	146	168	63	190	225	265
SF SHOSHONE RIVER abv Buffalo Bill							
APR-JUL	78	121	150	70	179	220	215
APR-SEP	86	131	162	72	193	240	225
BUFFALO BILL DAM Inflow (2)							
APR-JUL	310	405	470	65	535	630	720
APR-SEP	360	460	530	66	600	700	805
CLARKS FORK RIVER nr Belfry							
APR-JUL	265	330	375	69	420	485	540
APR-SEP	280	350	400	67	450	520	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BUFFALO BILL	646.6	448.3	452.8	418.4

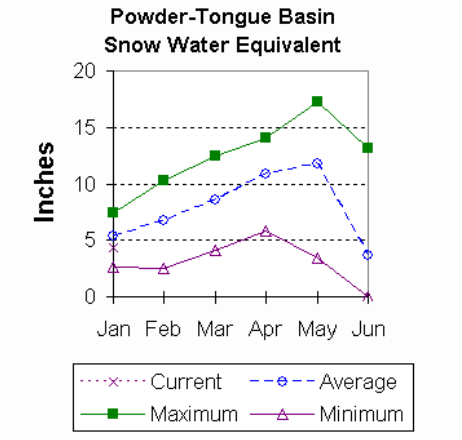
SHOSHONE & CLARKS FORK RIVER BASINS
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SHOSHONE RIVER	6	82	69
CLARKS FORK in WY	7	84	76

Powder and Tongue River Basins

Snow

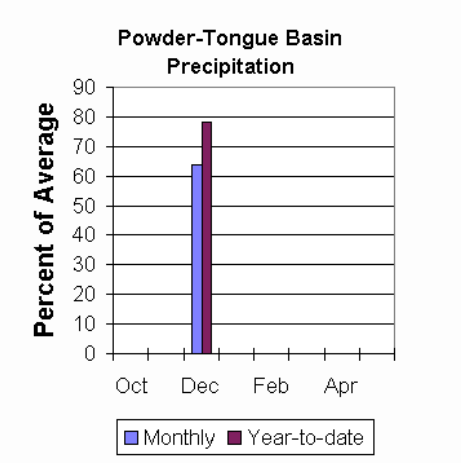
Snow water equivalent (SWE) in the Upper Tongue River drainage is 81% of average. The Goose Creek drainage is 74% of average. SWE in the Clear Creek drainage is 91% of average. Crazy Woman Creek drainage is 66% of average. Upper Powder River drainage SWE is 78% of average. Powder River Basin SWE in Wyoming is 83% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Last month's precipitation was 64% of average for the 9 reporting stations (48% of last year). Monthly percentages range from 47-87% of average. Year-to-date precipitation is 78% of average in the basin; this is 68% of last year at this time.

Precipitation for the year ranges from 62-99% of average.



Reservoir

The Tongue River Reservoir is at 61% of capacity; 214% of average; and 98% of last year at 48,100 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 79,000 ac-ft (73% of average). Big Goose Creek near Sheridan is 45,000 ac-ft (75% of average). Little Goose Creek near Bighorn is 34,000 ac-ft (81% of average). The Tongue River Reservoir Inflow is 164,000 ac-ft (66% of average). The Middle Fork of the Powder River near Barnum is 13,500 ac-ft (72% 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 16,700 ac-ft (70% of average), and Piney Creek at Kearny should yield about 34,000 ac-ft (65% of average). The Powder River at Moorehead is 123,000 ac-ft (54% of average). The Powder River near Locate is 135,000 ac-ft (52% of average). See the following page for detailed runoff volumes.

POWDER & TONGUE RIVER BASINS

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	34	54	68	71	82	102	96
APR-SEP	42	64	79	73	94	116	109
BIG GOOSE CREEK nr Sheridan							
APR-JUL	16.9	29	37	71	45	57	52
APR-SEP	24	37	45	75	53	66	60
LITTLE GOOSE CREEK nr Big Horn							
APR-JUL	13.0	21	26	77	31	39	34
APR-SEP	20	28	34	81	40	48	42
TONGUE RIVER RESERVOIR Inflow (2)							
APR-JUL	30	97	142	65	187	255	220
APR-SEP	46	116	164	66	210	280	250
MIDDLE FORK POWDER nr Barnum							
APR-JUL	5.7	9.9	12.7	71	15.5	19.7	17.8
APR-SEP	6.3	10.6	13.5	72	16.4	21	18.7
NORTH FORK POWDER nr Hazelton							
APR-JUL	2.9	4.9	6.2	65	7.5	9.5	9.6
APR-SEP	3.3	5.3	6.7	64	8.1	10.1	10.4
ROCK CREEK nr Buffalo							
APR-JUL	6.8	10.7	13.3	67	15.9	19.8	19.9
APR-SEP	9.6	13.8	16.7	70	19.6	24	24
PINEY CREEK at Kearny							
APR-JUL	7.8	22	31	63	40	54	49
APR-SEP	10.1	24	34	65	44	58	52
POWDER RIVER at Moorehead							
APR-JUL	41	57	104	51	151	220	205
APR-SEP	49	74	123	54	172	245	230
POWDER RIVER nr Locate							
APR-JUL	46	59	116	49	173	255	235
APR-SEP	54	74	135	52	196	285	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
TONGUE RIVER	79.1	48.1	48.9	22.5

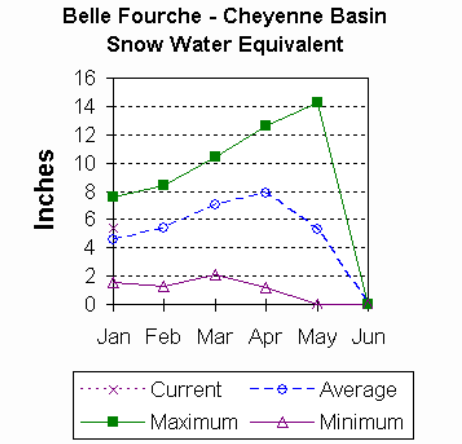
POWDER & TONGUE RIVER BASINS
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER TONGUE RIVER	7	71	81
GOOSE CREEK	2	76	74
CLEAR CREEK	2	76	91
CRAZY WOMAN CREEK	1	56	66
UPPER POWDER RIVER	3	74	78
POWDER RIVER in WY	5	75	83

Belle Fourche and Cheyenne River Basins

Snow

The Belle Fourche River Basin SWE is 109% of average for this time of year. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

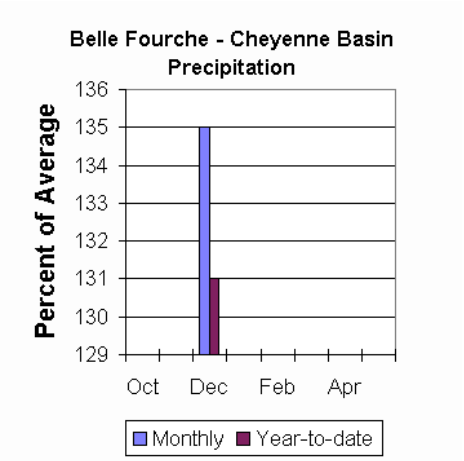


Precipitation

Precipitation for last month was 135% of average or 135% of last year in the Black Hills. There were 2 reporting stations. Monthly percentages range from133-138%. Year-to-date precipitation is 131% of average and 93% of last year's amount. Yearly percentages range from 125-138% of average.

Reservoir

Current reservoir storage is around 136% of average in the basin. Angostura is currently storing 122% of average (86,000 ac-ft), about 96% of capacity. Belle Fourche reservoir is storing 148% of average (171,600 ac-ft), about 75% of capacity. Deerfield reservoir is storing 118% of average (15,300 ac-ft), about 95% of capacity. Keyhole reservoir is storing 99% of average (100,700 ac-ft), about 52% of capacity. Pactola reservoir is storing 120% of average (54,900 ac-ft), about 100% of capacity. Shadehill reservoir is storing 104% of average (52,500 ac-ft), about 64% 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 - January 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)
DEERFIELD RESERVOIR Inflow							
MAR-JUL	1.1	3.9	5.8	95	7.7	10.5	6.1
MAR-SEP	1.5	5.1	7.5	100	9.9	13.5	7.5
APR-JUL	2.1	3.7	5.0	98	6.5	9.2	5.1
PACTOLA RESERVOIR Inflow							
MAR-JUL	6.1	19.7	29	112	38	52	26
MAR-SEP	7.7	25	36	115	47	64	31
APR-JUL	7.8	16.4	24	104	33	49	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ANGOSTURA	122.1	117.4	64.4	96.4
BELLE FOURCHE	178.4	133.7	128.1	90.6
DEERFIELD	15.2	14.5	14.3	12.3
KEYHOLE	193.8	100.7	87.8	101.7
PACTOLA	55.0	54.9	50.3	45.8
SHADEHILL	81.4	52.5	36.6	50.7

BELLE FOURCHE & CHEYENNE RIVER BASINS

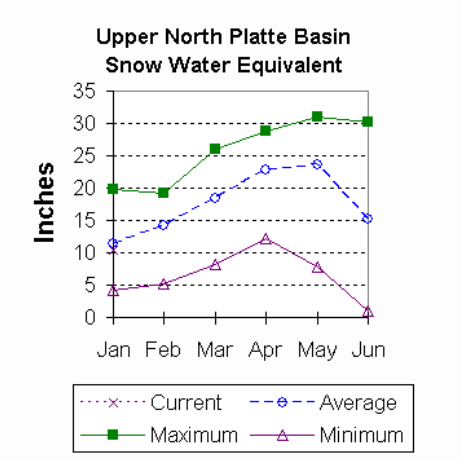
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BELLE FOURCHE	4	73	118

Upper North Platte River Basin

Snow

The SNOTELS above Seminoe Reservoir are showing about 92% of average (SWE) for this time of the year. SWE in the drainage area above Northgate is 85% of average at this time. SWE in the Encampment River drainage is about 87% of average. Brush Creek SWE for the year is about 114% of average. Medicine Bow and Rock Creek drainages SWE are about 98% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

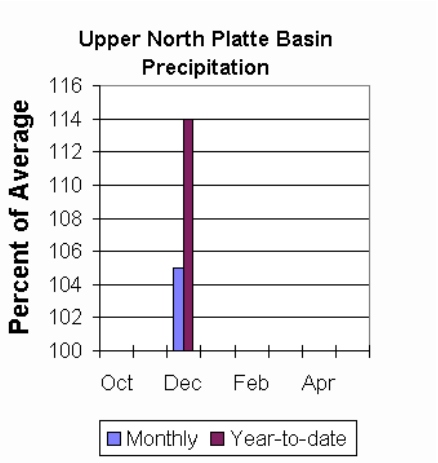


Precipitation

Eight reporting stations show last month's precipitation at 105% of average or 80% of last year's amount. Precipitation varied from 93-134% of average last month. Total water-year-to-date precipitation is about 114% of average for the basin, which is about 118% of last year's amount. Year to date percentage ranges from 92-129% of average.

Reservoirs

Seminoe Reservoir is estimated to be storing 684,600 ac-ft or 67% of capacity. Seminoe Reservoir is also storing about 108% 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 200,000 ac-ft (74% of average). The Encampment River near Encampment is 148,000 ac-ft (90% of average). Rock Creek near Arlington is 56,000 ac-ft (98% of average). Seminoe Reservoir inflow should be around 695,000 ac-ft (81% of average). See the following table for more detailed information on projected runoff.

UPPER NORTH PLATTE RIVER BASIN

Streamflow Forecasts - January 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	62	133	182	74	230	300	245
APR-SEP	68	147	200	74	255	330	270
ENCAMPMENT RIVER nr Encampment							
APR-JUL	83	117	140	90	163	197	156
APR-SEP	88	124	148	90	172	210	165
ROCK CREEK nr Arlington							
APR-JUL	35	46	53	100	60	71	53
APR-SEP	37	48	56	98	64	75	57
SWEETWATER RIVER nr Alcova							
APR-JUL	16.6	38	53	72	68	89	74
APR-SEP	18.2	41	57	71	73	96	80
SEMINOE RESERVOIR Inflow							
APR-JUL	235	480	650	81	820	1070	800
APR-SEP	250	515	695	81	875	1140	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
SEMINOE	1016.7	684.6	511.2	631.1

UPPER NORTH PLATTE RIVER BASIN

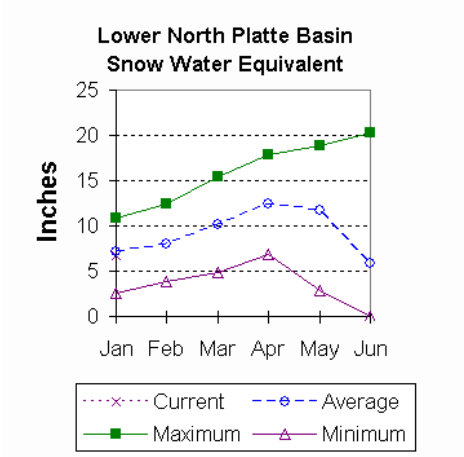
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
N PLATTE above Northgate	5	98	85
ENCAMPMENT RIVER	3	98	87
BRUSH CREEK	2	115	114
MEDICINE BOW & ROCK CREEKS	2	131	98
N PLATTE above Seminoe	13	107	92

Lower North Platte River Basin

Snow

SWE for the North Platte River Basin is at 93% of average. The Sweetwater drainage SWE is currently at 91% of average. Deer and LaPrele Creek SWE are at 96% of average. SWE for the North Platte above the Laramie River drainage is 92% of average. SWE for the Laramie River above Laramie is 116% of average. SWE for the Little Laramie River is 96% of average. The Laramie River above mouth, SWE is 111% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

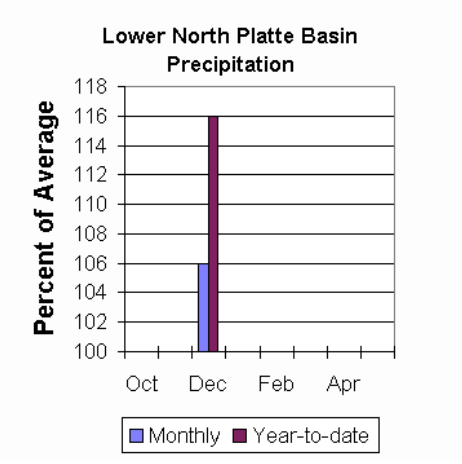


Precipitation

Last month's precipitation was 106% of average or 101% of last year's amount. Of the 8 reporting stations, percentages for the month range from 33-80%. The water year-to-date precipitation for the basin is currently 116% of average (139% of last year). Year-to-date percentages range from 56-160% of average.

Reservoir

The Lower North Platte River basin reservoir storage is below average at 107%. Reservoir storage is as follows: Alcova 155,800 ac-ft (101% of average); Glendo 229,300 ac-ft (81% of average); Guernsey 14,400 ac-ft (200% of average); Pathfinder 728,400 ac-ft (115% of average); Seminoe 684,600 ac-ft (108% of average); and Wheatland #2 64,000 ac-ft (152% 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 57,000 ac-ft (71% 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 21,000 ac-ft (88% of average). North Platte - Alcova to Orin Gain is forecast to yield 142,000 ac-ft (88% of average). North Platte River below Glendo Reservoir is 755,000 ac-ft (76% of average), and below Guernsey Reservoir is anticipated to yield around 780,000 ac-ft (77% of average). Laramie River near Woods Landing should yield around 144,000 ac-ft (107% of average). The Little Laramie near Filmore should produce about 66,000 ac-ft (103% of average). See the following table for more detailed information on projected runoff.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

Streamflow Forecasts - January 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	16.6	38	53	72	68	89	74
APR-SEP	18.2	41	57	71	73	96	80
DEER CREEK at Glenrock							
APR-JUL	14.4	22	36	97	56	86	37
APR-SEP	14.4	22	36	97	56	86	37
LaPRELE CREEK abv Reservoir							
APR-JUL	8.4	13.5	21	88	28	39	24
APR-SEP	8.4	13.5	21	88	29	40	24
NORTH PLATTE - Alcova to Orin Gain							
APR-JUL	53	87	133	88	179	245	152
APR-SEP	56	95	142	88	189	260	161
NORTH PLATTE RIVER blw Glendo Res (2)							
APR-JUL	475	635	740	77	845	1000	960
APR-SEP	475	645	755	76	865	1030	990
NORTH PLATTE RIVER blw Guernsey Res (2)							
APR-JUL	420	615	750	77	885	1080	970
APR-SEP	440	640	780	77	920	1120	1010
LARAMIE RIVER nr Woods							
APR-JUL	93	115	130	106	145	167	123
APR-SEP	104	128	144	107	160	184	135
LITTLE LARAMIE RIVER nr Filmore							
APR-JUL	39	52	60	102	68	81	59
APR-SEP	43	57	66	103	75	89	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ALCOVA	184.3	155.8	156.7	154.4
GLENDO	506.4	229.3	213.0	282.9
GUERNSEY	45.6	14.4	13.4	7.2
PATHFINDER	1016.5	728.4	388.0	635.7
SEMINOE	1016.7	684.6	511.2	631.1
WHEATLAND #2		NO REPORT		

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

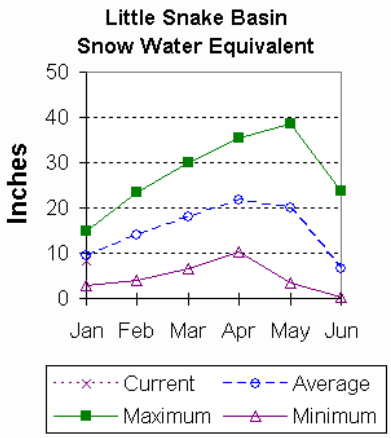
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SWEETWATER	2	109	91
DEER & LaPRELE CREEKS	2	173	96
N PLATTE abv Laramie R.	17	110	92
LARAMIE RIVER abv Laramie	5	120	116
LITTLE LARAMIE RIVER	2	124	96
LARAMIE RIVER above mouth	6	122	111
NORTH PLATTE	17	111	93

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 87% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

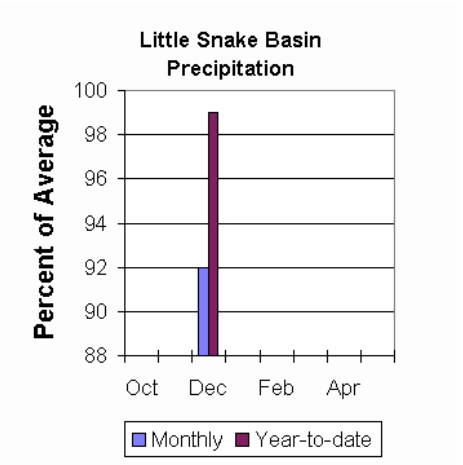
Precipitation across the basin was 92% of average (67% of last year) for the 5 reporting stations. Last month's precipitation ranged from 91-101% of average. The Little Snake River basin water-year-to-date precipitation is currently 99% of average (101% of last year). Year-to-date percentages range from 82-115% 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 135,000 ac-ft (85% of average). The Little Snake River near Dixon is estimated to yield around 285,000 ac-ft (86% of average). See the following table for more detailed information on projected runoff.



LITTLE SNAKE RIVER BASIN

Streamflow Forecasts - January 1, 2010

Forecast Pt / Forecast Period	<=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Little Snake River nr Slater							
APR-JUL	82	112	135	85	160	200	159
Little Snake River nr Dixon							
APR-JUL	174	235	285	86	340	425	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

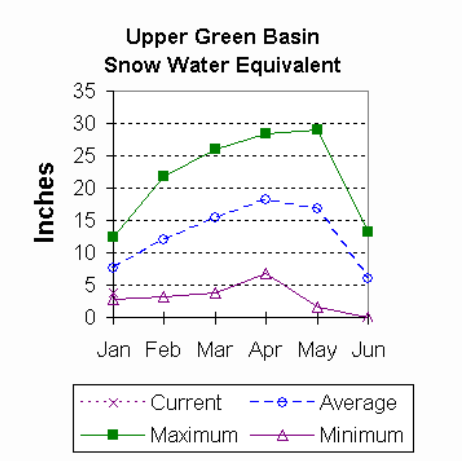
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LITTLE SNAKE RIVER	6	91	87

Upper Green River Basin

Snow

SWE in the Green River Basin above Warren Bridge is about 37% of average. SWE for the west side of Upper Green River Basin is about 58% of average. Newfork River Basin SWE is now about 42% of average. Big Sandy-Eden Valley Basin is 64% of average. SWE in the Green River Basin above Fontenelle Reservoir is about50% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

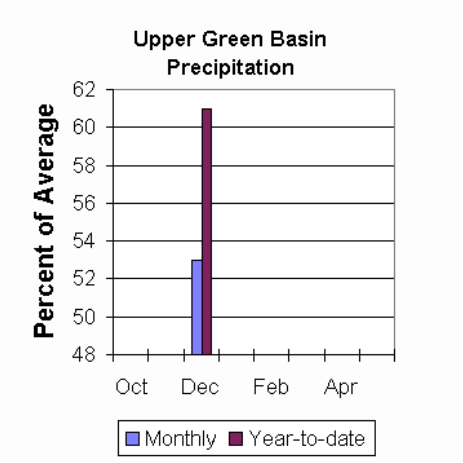


Precipitation

The 11 reporting precipitation sites in the basin were 53% of average last month (43% of last year). Last month's precipitation varied from 44-165% of average. Water year-to-date precipitation is about 61% of average (60% of last year). Year to date percentage of average ranges from 48-78% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 19,600 ac-ft or 51% of capacity. This is 107% of average. Eden Reservoir - No Report. Fontenelle Reservoir is 197,800 ac-ft or 57% of capacity; 94% of average. This is 95% 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 200,000 ac-ft (76% of average). Pine Creek above Fremont Lake is 80,000 ac-ft (77% of average). New Fork River near Big Piney is 300,000 ac-ft (76% of average). Fontenelle Reservoir Inflow is estimated to be 620,000 ac-ft (72% of average), and Big Sandy near Farson is expected to be around 45,000 ac-ft (78% of average). See the following table for more detailed information on projected runoff.

UPPER GREEN RIVER BASIN

Streamflow Forecasts - January 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	133	171	200	76	230	280	265
Pine Creek abv Fremont Lake							
APR-JUL	60	72	80	77	89	103	104
New Fork River nr Big Piney							
APR-JUL	181	250	300	76	355	450	395
Fontenelle Reservoir Inflow							
APR-JUL	325	490	620	72	765	1010	860
Big Sandy River nr Farson							
APR-JUL	29	38	45	78	53	67	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BIG SANDY	38.3	19.6	11.9	18.3
EDEN		NO REPORT		
FONTENELLE	344.8	197.8	178.9	209.7

UPPER GREEN RIVER BASIN

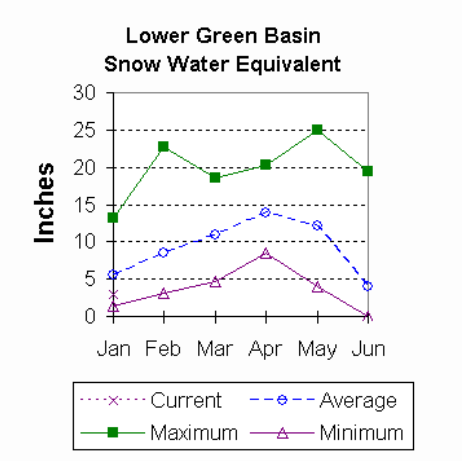
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
GREEN above Warren Bridge	4	46	37
UPPER GREEN (West Side)	5	73	58
NEWFORK RIVER	2	40	42
BIG SANDY/EDEN VALLEY	1	79	64
GREEN above Fontenelle	11	60	50

Lower Green River Basin

Snow

SWE in the Green River Basin above Flaming Gorge is 55% of average. SWE in the Hams Fork Basin is 52% of average. Blacks Fork Basin SWE is currently 79% of average. In the Henrys Fork drainage SWE is 104%. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

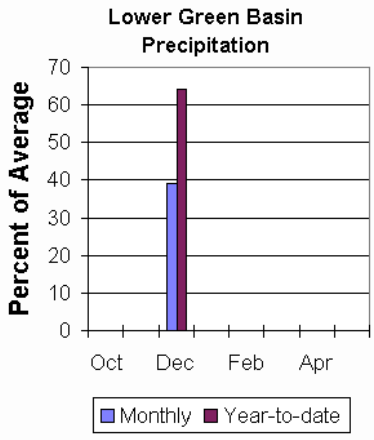


Precipitation

Precipitation was below average for the 3 reporting stations during last month at 39% of average or 44% of last year. Precipitation ranged from 26-53% of average for the month. The basin year-to-date precipitation is currently 64% of average (78% of last year). Year-to-date percentages range from 58-79% 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 3,246,000 ac-ft; this is 107% of average (109% of last year). Viva Naughton is currently storing ?? ac-ft; ??% of average (??% 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 635,000 ac-ft (73% of average). The Blacks Fork near Robertson is forecast to yield 73,000 ac-ft (77% of average). East Fork of Smiths Fork near Robertson is forecast to yield 22,000 ac-ft (76% of average). Hams Fork below Pole Creek near Frontier is forecast to be 45,000 ac-ft (69% of average). The Hams Fork Inflow to Viva Naughton Reservoir is forecast to be 60,000 ac-ft (67% of average). The Flaming Gorge Reservoir inflow will be about 770,000 ac-ft (65% of average). See the following table for more detailed information on projected runoff.

LOWER GREEN RIVER BASIN

Streamflow Forecasts - January 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	345	505	635	73	775	1010	875
Blacks Fork nr Robertson							
APR-JUL	45	61	73	77	86	107	95
EF of Smiths Fork nr Robertson (2)							
APR-JUL	13.2	18.2	22	76	26	33	29
Hams Fk blw Pole Ck nr Frontier							
APR-JUL	21	34	45	69	57	77	65
Hams Fork Inf to Viva Naughton Res							
APR-JUL	28	46	60	67	76	104	89
Flaming Gorge Reservoir Inflow (2)							
APR-JUL	390	600	770	65	960	1270	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
FONTENELLE	344.8	197.8	178.9	209.7
FLAMING GORGE	3749.0	3124.0	3082.0	3027.0
VIVA NAUGHTON RES		NO REPORT		

LOWER GREEN RIVER BASIN

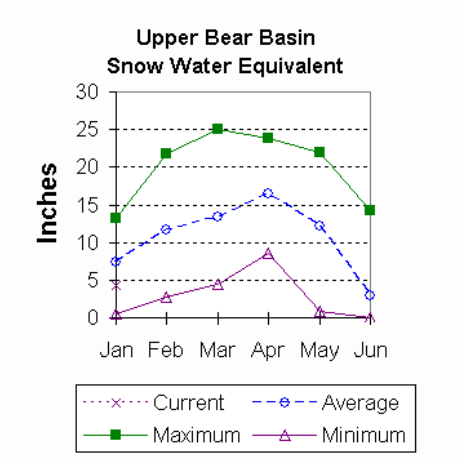
Watershed Snowpack Analysis - January 1, 2010

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HAMS FORK RIVER	3	71	52
BLACKS FORK	2	121	79
HENRYS FORK	2	193	104
GREEN above Flaming Gorge	18	69	55

Upper Bear River Basin

Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 75% of average. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 55% of average. Bear River Basin SWE, above the Idaho State line, is 59% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

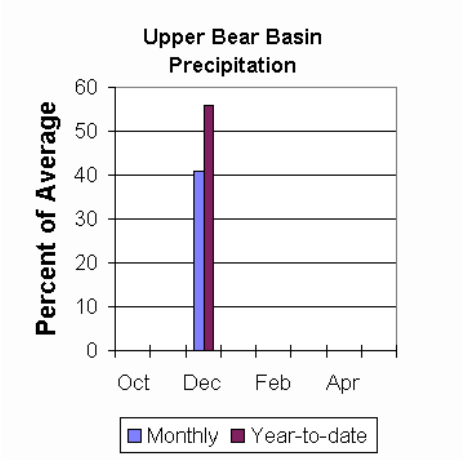
Precipitation for last month was 41% of average for the 2 reporting stations; this is 59% of the precipitation received last year. The year-to-date precipitation, for the basin, is 56% of average; this is 72% of last year's amount.

Reservoir

Storage, in Woodruff Narrows reservoir, is about 44,000 ac-ft (186% of average). Current reservoir storage is about 77% of capacity. Reservoir storage last year at this time was 42,000 ac-ft at this time.

Streamflow

The following 50% exceedance forecasts are for the April through September period. The Bear River near the Utah-Wyoming State Line is 100,000 ac-ft (80% of average). The Bear River above Reservoir near Woodruff is 102,000 ac-ft (72% of average). The Smiths Fork River near Border is 89,000 ac-ft (74% of average). See the following table for more detailed information on projected runoff.



UPPER BEAR RIVER BASIN

Streamflow Forecasts - January 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)
Bear River nr UT-WY State Line							
APR-JUL	54	77	93	82	109	132	113
APR-SEP	56	82	100	80	118	144	125
Bear River ab Reservoir nr Woodruff							
APR-JUL	38	75	100	74	125	162	136
APR-SEP	39	77	102	72	127	165	142
Smiths Fork nr Border							
APR-JUL	40	62	77	75	92	114	103
APR-SEP	47	72	89	74	106	131	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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
WOODRUFF NARROWS	57.3	45.5	30.0	23.6

UPPER BEAR RIVER BASIN

Watershed Snowpack Analysis - January 1, 2010

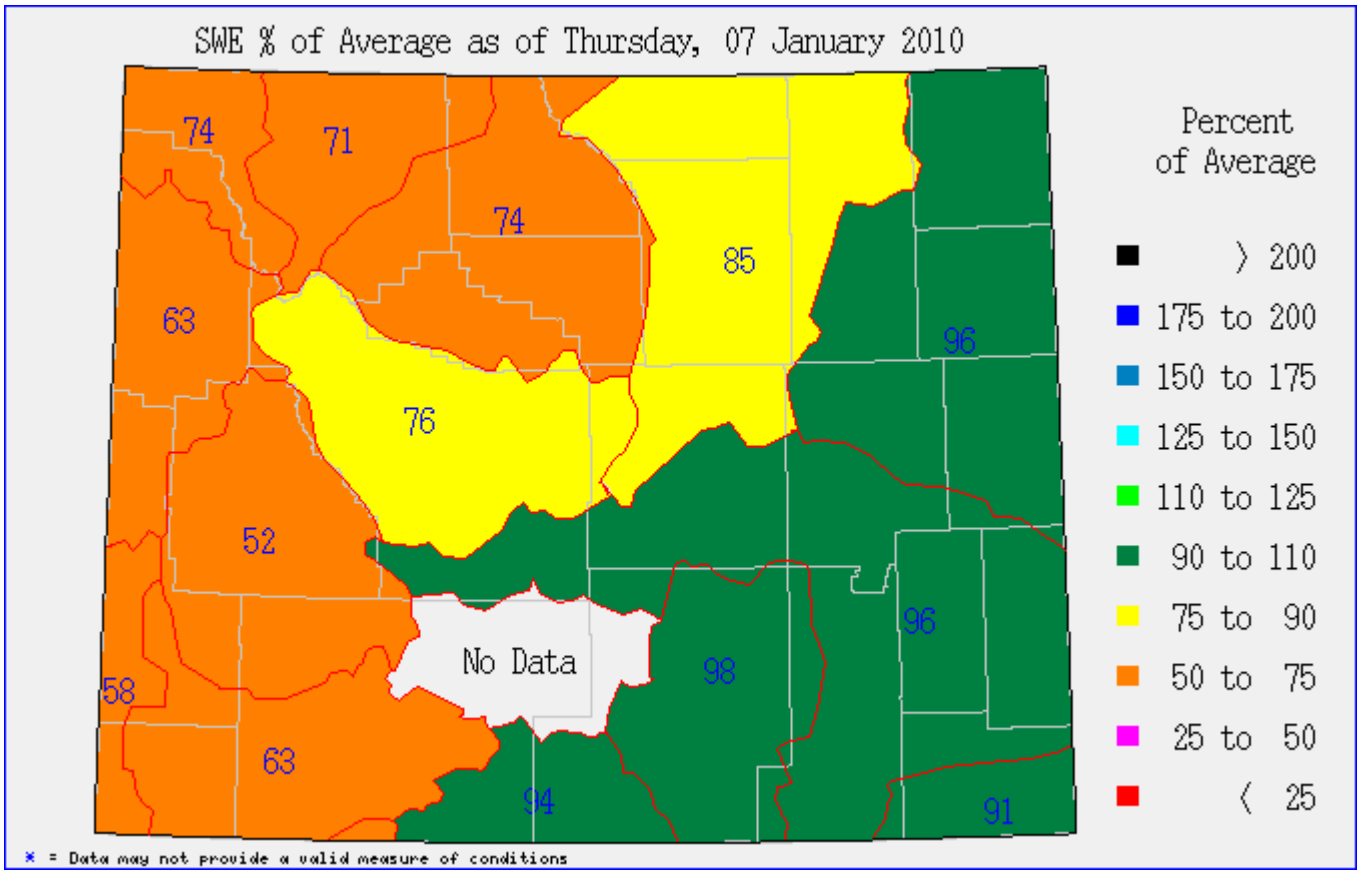
Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER BEAR RIVER in Utah	5	81	75
SMITHS & THOMAS FORKS	3	68	55
BEAR RIVER abv ID line	6	73	59
NORTHWEST	52	72	66
NORTHEST	13	70	87
SOUTHEAST	20	103	89
SOUTHWEST	25	73	64

Issued by

Dave White (Chief)
U.S. Department of Agriculture
Natural Resources Conservation Service
Washington D.C.

Released by

J Xavier Montoya
State Conservationist
N R C S
Casper, Wyoming



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 Engineers Office

The University of Wyoming

Local:

The City of Cheyenne

The City of Rawlins