

Wyoming Basin Outlook Report

April 1, 2014



Gros Ventre Summit SNOTEL (Gros Ventre Range)

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. 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 above, and a 50% chance that the actual flow will be below, this 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. 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 operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. 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.

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Wyoming Water Supply Outlook Report

General

The snow water equivalent (SWE) across Wyoming is above median for April 1st at 138%. The Water year precipitation average for WY as of April 1st is 128%. Monthly precipitation for the basins varied from 90-195% of average. Year-to-date precipitation for Wyoming basins varies from 98-159% of average. Forecasted runoff varies from 92-200% of average across the Wyoming basins for an overall average of 145%. Basin reservoir levels for Wyoming vary from 57-188% of average for an overall average of 93%.

Snowpack

Snow water equivalent (SWE), across Wyoming is above median for this time of year at 138%. SWE in the NW portion of Wyoming is now about 141% of median (160% of last year). NE Wyoming SWE is currently about 153% of median (165% of last year). The SE Wyoming SWE is currently about 130% of median (169% of last year). The SW Wyoming SWE is about 133% of median (174% of last year).

Precipitation

Last month's precipitation varied considerably across Wyoming. The Madison-Gallatin River Basins had the highest precipitation for the month at 195% of average. The Lower Green River Basin had the lowest precipitation amount at 90% of average. The following table displays the major river basins and their departure from average for last month.

Basin	Departure from average	Basin	Departure from average
Snake River	+73%	Upper North Platte River	+24%
Madison-Gallatin	+95%	Sweetwater River	+50%
Yellowstone	+78%	Lower North Platte	+49%
Wind River	+28%	Laramie River	+34%
Bighorn	+36%	South Platte	-03%
Shoshone	+74%	Little Snake River	+26%
Powder River	+49%	Upper Green River	+46%
Tongue River	+47%	Lower Green River	-10%
Belle Fourche	+05%	Upper Bear River	+01%
Cheyenne	-06%		

Streams

Stream flow yield for April to September is expected to be well above average overall across Wyoming. Most probable yield for the entire State of Wyoming is forecast to be about 147% (varying from 81-161% of average). The Snake River, Upper Yellowstone and Madison River Basins are expected to yield about 145%, 133% and 110% of average, respectively; 110-159% of average for the various forecast points in the basins. Yields from the Wind and Bighorn River Basins are expected to be about 156% and 173% of average, respectively; varying from 88-173% of average in the basins. Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 146% and 146% of average, respectively. Yields from the Powder & Tongue River Basins are expected to be about 200% and 153% of average, respectively; varying from 137-200% of average. Yield for the Cheyenne River Basin is expected to be about 159% of average. Yields for the Upper North Platte, Sweetwater, Lower North Platte, and Laramie Rivers of Wyoming are expected to be about 143%, 92%, 153%, and 151% of

average, respectively; varying from 92-156% of average. Yields for the Little Snake, Green River, and Little Bear of Wyoming are expected to be 116%, 148%, and 98% of average respectively.

Reservoirs

Reservoir storage varies widely across the state however reservoir storage is at 93% of average for the entire state. Reservoirs in the Wind River Basin are above average at 117%. Reservoirs on the Big Horn are above average at 107%. The Buffalo Bill Reservoir on the Shoshone is above average at 129%. Reservoirs in the Belle Fourche and Cheyenne River Basins are above average in storage at 139 & 114% respectively. Reservoirs on the Lower North Platte River are below average at 80%. Reservoirs on the Green River are below average at 97%. See the following table for further information about reservoir storage.

Major Reservoirs in Wyoming Mar 1, 2014

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	83	85	86	97	97
ANGOSTURA	91	62	90	101	149
BELLE FOURCHE	83	66	73	113	126
BIG SANDY	28	22	52	54	127
BIGHORN LAKE	59	64	58	102	93
BOYSEN	95	82	82	116	116
BUFFALO BILL	70	66	54	129	105
BULL LAKE	65	51	50	132	128
DEERFIELD	97	99	89	110	98
ENNIS LAKE	70	70	72	97	100
FLAMING GORGE	78	80	81	96	98
FONTENELLE	35	37	35	99	94
GLENDO	82	65	77	107	127
Grassy Lake	92	86	81	114	108
GUERNSEY	32	15	44	74	221
HEBGEN LAKE	79	73	72	110	107
Jackson Lake	29	74	51	57	39
KEYHOLE	90	78	50	180	116
PACTOLA	93	91	85	109	102
Palisades	44	50	64	69	89
PATHFINDER	35	42	59	59	85
PILOT BUTTE	79	78	78	100	102
SEMINOE	32	48	47	68	67
SHADEHILL	99	45	78	128	222
TONGUE RIVER	77	68	41	188	112
VIVA NAUGHTON RES	59	55	64	92	107
WHEATLAND #2	64	29	52	124	219
WOODRUFF NARROWS	40	21	67	60	193
TOTAL 28 RESERVOIRS	62	65	66	93	95
Raw KAF Tot Current=	8215	Last Year=	8616	Average=	8798
		Capacity=	13288		

BASIN SUMMARY of SNOTEL and SNOW COURSE DATA

APRIL 2014

NOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	MEDIAN 81-10

WYOMING Snow Course and SNOTEL Stations						
ALBANY	9400	3/26/14	50	17.5	8.1	12.2
ARAPAHO RIDGE SNTL	10960	4/01/14	87	27.5	17.6	--
ASTER CREEK	7750	3/31/14	79	30.3	24.3	25.7
BALD MOUNTAIN SNOTEL	9380	4/01/14	89	25.2	14.0	18.6
BASE CAMP	7030	4/01/14	68	23.9	16.1	17.0
BASE CAMP SNOTEL	7030	4/01/14	71	24.5	15.0	14.8
BATTLE MTN. SNOTEL	7440	4/01/14	37	13.0	6.6	10.6
BEARLODGE DIVIDE	4680	3/27/14	11	3.2	1.9	.0
BEARTOOTH LK. SNOTEL	9280	4/01/14	105	31.0	15.9	21.0
BEAR RIVER RS SNOTEL	8780	4/01/14	28	10.3	6.8	--
BEAR TRAP SNOTEL	8200	4/01/14	44	11.3	8.3	5.1
BIG GOOSE SNOTEL	7760	4/01/14	51	12.7	6.7	8.9
BIG PARK	8620	3/27/14	68	22.6	14.3	16.8
BIG SANDY SNOTEL	9080	4/01/14	58	15.9	9.6	12.3
BLACK BEAR SNOTEL	7950	4/01/14	130	41.3	33.7	36.3
BLACK'S FORK JUNCTN	8930	3/28/14	37	9.9	7.2	8.3
BLACKS FORK JCT SNT	8870	4/01/14	34	9.7	6.0	--
BLACKHALL MTN SNOTEL	9820	4/01/14	117	37.9	22.9	--
BLACKWATER SNOTEL	9780	4/01/14	107	31.9	20.5	22.1
BLIND BULL SNOTEL	8900	4/01/14	104	36.2	17.8	22.4
BLIND PARK SNOTEL	6870	4/01/14	31	9.0	6.2	7.2
BLUE RIDGE	9620	3/26/14	30	8.3	6.7	10.0
BONE SPGS. SNOTEL	9350	4/01/14	77	21.5	13.2	15.9
BROOKLYN LK. SNOTEL	10220	4/01/14	93	31.4	15.9	20.0
BUCK PASTURE SNOTEL	9700	4/01/14	50	15.2	11.6	--
BUG LAKE SNOTEL	7950	4/01/14	68	23.9	11.9	18.1
BURGESS JCT. SNOTEL	7880	4/01/14	61	15.7	9.6	11.3
BUTTER HILL	7880	3/24/14	45	15.0	10.1	12.6
BURT'S-MILLER RANCH	7900	3/28/14	14	4.9	3.6	4.4
BURTS-MILLER RANCH S	7860	4/01/14	17	7.0	5.1	6.8
CAMERON PASS	10300	3/31/14	91	31.8	20.4	25.1
CANYON SNOTEL	8090	4/01/14	60	15.2	10.6	12.3
CASPER MTN. SNOTEL	7850	4/01/14	61	19.1	9.4	13.4
CASTLE CREEK SNOTEL	8400	4/01/14	34	10.4	5.5	--
CASTLE CREEK	8400	3/26/14	30	10.2	4.3	3.6
CCC CAMP	7000	3/26/14	43	15.5	9.6	11.0
CHALK CK #1 SNOTEL	9100	4/01/14	69	22.9	16.3	23.4
CHAMBERS LAKE	9000	3/31/14	40	13.3	5.8	6.6
CINNABAR PARK SNOTEL	9690	4/01/14	80	24.7	13.6	20.0
CLOUD PEAK SNOTEL	9850	4/01/14	72	20.7	11.5	14.1
COLE CANYON SNOTEL	5910	4/01/14	33	7.9	4.4	5.8
COLD SPRINGS SNOTEL	9630	4/01/14	40	9.7	6.5	7.1
COLUMBINE SNOTEL	9300	4/01/14	95	36.5	19.7	22.8
COTTONWOOD CR SNOTEL	7700	4/01/14	---	31.1	16.4	21.2
CROW CREEK SNOTEL	8830	4/01/14	26	7.0	4.9	6.8
DARBY CANYON	8250	3/31/14	93	27.6	19.8	22.4
DEADMAN HILL SNOTEL	10200	4/01/14	78	24.6	13.1	15.6
DEEP LAKE	10500	3/28/14	138	47.2	27.2	--
DEER PARK SNOTEL	9700	4/01/14	60	17.0	11.3	14.7
DIVIDE PEAK SNOTEL	8860	4/01/14	63	20.2	14.1	19.5
DITCH CREEK	6870	3/26/14	18	4.6	2.4	3.6

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	MEDIAN 81-10
DOME LAKE SNOTEL	8880	4/01/14	65	16.0	8.6	11.5
DU NOIR	8760	3/28/14	40	11.8	5.1	6.2
EF BLACKS FORK GS SN	9360	4/01/14	44	10.7	11.8	--
EAST RIM DIV SNOTEL	7930	4/01/14	53	17.6	8.7	10.0
ELBO RANCH	7100	3/27/14	45	14.8	8.7	10.2
ELKHART PARK SNOTEL	9400	4/01/14	---	17.5	9.1	12.1
ELK RIVER SNOTEL	8600	4/01/14	61	22.2	12.8	18.5
EVENING STAR SNOTEL	9200	4/01/14	126	38.4	22.9	23.9
FISHER CREEK SNOTEL	9100	4/01/14	136	42.9	29.4	30.1
FOUR MILE MEADOWS	7860	4/01/14	53	15.6	10.9	11.2
FOXPARK	9060	3/26/14	25	7.8	4.5	7.6
GEYSER CREEK	8500	3/28/14	33	9.4	3.6	5.1
GLADE CREEK	7040	4/01/14	70	29.1	19.9	21.2
GRAND TARGHEE SNOTEL	9260	4/01/14	147	49.6	35.0	36.5
GRANITE CRK SNOTEL	6770	4/01/14	69	23.9	11.6	14.9
GRANNIER MEADOWS	8860	3/26/14	44	13.3	6.8	11.1
GRASSY LAKE	7270	4/01/14	109	37.3	24.5	30.6
GRASSY LAKE SNOTEL	7270	4/01/14	116	41.2	27.1	31.6
GRAVE SPRINGS SNOTEL	8550	4/01/14	51	13.2	7.1	8.9
GROS VENTRE SNOTEL	8750	4/01/14	56	14.9	9.6	12.9
GROVER PARK DIVIDE	7000	3/26/14	34	13.3	7.6	9.5
GUNSIGHT PASS SNOTEL	9820	4/01/14	60	20.2	10.7	13.4
HAIRPIN TURN	9480	3/27/14	62	21.4	10.7	13.4
HANSEN S.M. SNOTEL	8360	4/01/14	39	10.1	5.9	6.3
HAMS FORK SNOTEL	7840	4/01/14	46	16.7	7.8	10.8
HASKINS CREEK	8980	3/27/14	87	31.4	21.2	27.7
HOBACK GS	6640	3/24/14	46	16.1	7.4	8.5
HOBBS PARK SNOTEL	10100	4/01/14	58	15.5	10.6	13.4
HUCKLEBERRY DIVIDE	7300	4/01/14	80	23.4	18.3	18.5
INDIAN CREEK SNOTEL	9430	4/01/14	---	32.9	17.3	23.9
JACKPINE CREEK	7350	3/31/14	88	27.2	17.1	20.3
JOE WRIGHT SNOTEL	10000	4/01/14	70	22.8	14.9	20.2
KELLEY R.S. SNOTEL	8180	4/01/14	64	19.1	11.0	14.9
KENDALL R.S. SNOTEL	7740	4/01/14	67	22.5	8.3	11.4
KIRWIN SNOTEL	9550	4/01/14	62	18.7	--	9.4
LA PRELE SNOTEL	8380	4/01/14	37	9.7	5.4	9.5
LARSEN CREEK	9020	3/24/14	43	13.8	--	10.4
LARSEN CREEK SNOTEL	9020	4/01/14	44	14.0	5.7	12.2
LEWIS LAKE DIVIDE	7850	3/31/14	142	50.3	34.5	37.5
LEWIS LAKE SNOTEL	7850	4/01/14	126	39.0	27.8	29.5
LIBBY LODGE	8750	3/27/14	51	17.6	8.4	9.6
LITTLE BEAR RUN	6240	3/26/14	19	5.5	3.6	2.4
LITTLE GOOSE SNOTEL	8870	4/01/14	58	14.4	7.6	--
LITTLE SNAKE RIVER	8920	4/01/14	94	32.4	18.9	23.2
LITTLE WARM SNOTEL	9370	4/01/14	53	14.5	9.1	10.2
LOOMIS PARK SNOTEL	8240	4/01/14	---	24.9	10.5	14.3
LUPINE CREEK	7380	4/02/14	38	10.4	7.0	7.4
MADISON PLT SNOTEL	7750	4/01/14	90	24.8	20.0	21.3
MALLO	6420	3/26/14	31	8.8	8.6	5.9
MARQUETTE SNOTEL	8760	4/01/14	55	14.8	6.1	--
MEDICINE LODGE LAKES	9340	3/26/14	50	13.4	9.6	10.2
MIDDLE FORK	7420	3/26/14	18	3.7	3.6	5.0
MIDDLE POWDER SNOTEL	7760	4/01/14	64	18.0	10.9	11.4
MORAN	6750	4/01/14	47	16.6	8.6	10.6
MOSS LAKE	9800	3/28/14	89	28.0	19.6	19.9
MOUNT TOM	5560	3/27/14	16	5.0	3.4	2.9
NEVER SUMMER SNOTEL	10280	4/01/14	74	24.6	13.0	--

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	MEDIAN 81-10
NEW FORK SNOTEL	8340	4/01/14	52	16.3	7.2	10.3
N.E. ENTRANCE SNOTEL	7350	4/01/14	52	15.5	6.4	9.6
NORTH BARRETT CREEK	9400	3/28/14	77	23.6	17.0	20.9
NORTH FRENCH SNOTEL	10130	4/01/14	105	36.6	20.6	28.0
NORTH RAPID CK SNTL	6130	4/01/14	32	9.3	6.7	6.7
NORTH TONGUE	8450	3/29/14	62	16.2	8.7	11.6
OLD BATTLE SNOTEL	9920	4/01/14	105	34.6	23.2	29.6
OLD FAITHFUL	7400	3/31/14	65	17.6	12.3	11.6
ONION GULCH	8780	3/27/14	46	10.0	7.7	6.6
OWL CREEK SNOTEL	8980	4/01/14	31	7.6	5.4	5.5
PARKERS PEAK SNOTEL	9400	4/01/14	106	31.1	19.5	18.8
PHILLIPS BNCH SNOTEL	8200	4/01/14	106	34.8	21.2	24.2
POCKET CREEK	9350	3/24/14	46	14.3	--	10.8
POCKET CREEK SNOTEL	9350	4/01/14	55	12.7	7.0	--
POLE MOUNTAIN	8700	3/27/14	37	9.6	7.5	7.6
POWDER RVR.PASS SNTL	9480	4/01/14	56	15.7	10.8	10.0
PURGATORY GULCH	8970	3/26/14	43	13.4	9.5	11.4
RANGER CREEK	8120	3/26/14	39	10.5	7.3	7.8
RAWAH SNOTEL	9020	4/01/14	41	14.4	9.7	--
RENO HILL SNOTEL	8500	4/01/14	66	18.5	9.8	13.2
REUTER CANYON	6280	3/27/14	34	11.7	7.3	7.8
ROACH SNOTEL	9400	4/01/14	67	21.2	11.9	15.6
ROWDY CREEK	8300	3/26/14	76	27.4	13.5	17.8
RYAN PARK	8400	3/28/14	43	12.4	9.1	9.8
SAGE CK BASIN SNTL	7850	4/01/14	40	13.2	8.7	12.7
SALT RIVER SNOTEL	7600	4/01/14	---	18.5	9.3	12.9
SAND LAKE SNOTEL	10050	4/01/14	109	34.3	21.0	27.5
SANDSTONE RS SNOTEL	8150	4/01/14	47	12.9	8.3	13.1
SAWMILL DIVIDE	9260	3/28/14	69	17.4	11.3	11.7
SHELL CREEK SNOTEL	9580	4/01/14	75	19.4	13.0	14.5
SHERIDAN R.S.	7750	3/28/14	31	9.3	3.5	4.8
SNAKE RIVER STATION	6920	3/31/14	62	23.0	15.3	18.1
SNAKE RV STA SNOTEL	6920	4/01/14	---	22.0	14.5	15.5
SNIDER BASIN SNOTEL	8060	4/01/14	54	20.3	8.9	12.2
SNOW KING MTN	7660	3/31/14	56	17.4	--	13.0
SOLDIER PARK SNOTEL	8780	4/01/14	45	13.1	4.5	--
SOLDIER PARK	8780	3/27/14	39	8.0	3.9	4.6
SOUR DOUGH	8460	3/27/14	48	10.2	6.4	6.4
SOUTH BRUSH SNOTEL	8440	4/01/14	41	12.6	8.1	12.2
SOUTH PASS SNOTEL	9040	4/01/14	59	16.5	9.9	14.9
SPRING CRK. SNOTEL	9000	4/01/14	106	35.2	20.0	22.5
STILLWATER CAMP	8550	3/28/14	31	9.5	5.9	9.6
ST LAWRENCE ALT SNTL	8620	4/01/14	19	5.1	3.7	6.8
SUCKER CREEK SNOTEL	8880	4/01/14	68	18.2	11.2	11.4
SYLVAN LAKE SNOTEL	8420	4/01/14	85	24.5	16.2	19.2
SYLVAN ROAD SNOTEL	7120	4/01/14	58	16.3	7.4	11.1
T CROSS RANCH	7900	3/28/14	38	11.4	4.2	5.7
TETON PASS W.S.	7740	4/01/14	102	34.2	19.0	25.3
THUMB DIVIDE	7980	3/31/14	72	16.6	13.5	14.8
THUMB DIVIDE SNOTEL	7980	4/01/14	78	20.4	15.1	14.9
TIE CREEK SNOTEL	6870	4/01/14	35	9.5	5.0	5.4
TIMBER CREEK SNOTEL	7950	4/01/14	22	6.6	3.8	4.8
TOGWOTEE PASS	9580	4/02/14	112	38.1	21.7	26.3
TOGWOTEE PASS SNOTEL	9580	4/01/14	103	31.8	19.5	21.6
TOWER SNOTEL	10000	4/01/14	151	52.2	31.6	44.0
TOWNSEND CRK SNOTEL	8700	4/01/14	34	8.0	5.5	9.0
TRIPLE PEAK SNOTEL	8500	4/01/14	102	35.3	17.8	21.7

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	MEDIAN 81-10
TURPIN MEADOWS	6900	4/01/14	32	14.5	9.1	9.0
TWENTY-ONE MILE	7150	4/01/14	51	15.2	12.8	14.7
TWO OCEAN SNOTEL	9240	4/01/14	122	39.8	26.3	25.6
TYRELL RANGER STA.	8300	3/27/14	42	8.8	7.0	5.9
WEBBER SPRING SNOTEL	9250	4/01/14	82	26.9	18.1	23.0
WHISKEY PARK SNOTEL	8950	4/01/14	102	42.4	21.5	25.8
WHITE MILL SNOTEL	8700	4/01/14	102	33.2	20.3	21.6
WILLOW CREEK SNOTEL	8450	4/01/14	106	40.4	23.6	27.8
WINDY PEAK SNOTEL	7900	4/01/14	33	9.2	3.9	7.8
WOLVERINE SNOTEL	7650	4/01/14	54	15.7	8.3	9.1
WOOD ROCK G.S.	8440	3/28/14	53	12.3	7.8	9.1
ZIRKEL SNOTEL	9340	4/01/14	98	42.2	21.7	--

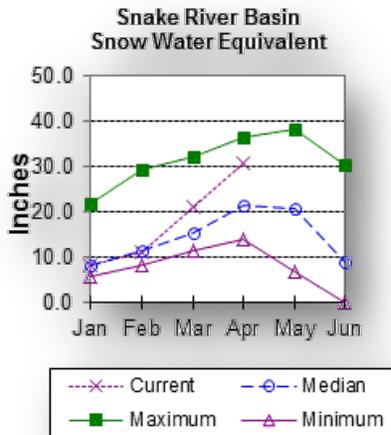
(d) denotes discontinued site.

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) above Palisades is 143% of median. SWE in the Snake River Basin above Jackson Lake is 136% of median. Pacific Creek Basin SWE is 159% of median. Buffalo Fork SWE is 155% of median. Gros Ventre River Basin SWE is 141% of median. SWE in the Hoback River drainage is 168% of median. SWE in the Greys River drainage is 154% of median. In the Salt River area SWE is 144% of median.

See the "Basin Summary of Snow Course Data" at the beginning of this report for a detailed listing of snow course information.



Precipitation

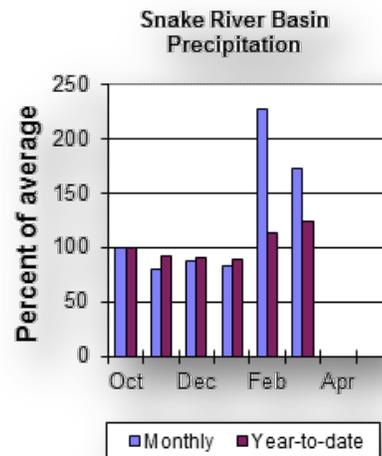
Precipitation across the basin was way above average last month. Monthly precipitation for the basin was 173% of average (191% of last year). Last month's percentages range from 108-294% of average for the 26 reporting stations. Water-year-to-date precipitation is 124% of average for the Snake River Basin (141% of last year). Year-to-date percentages range from 106-143% of average.

Reservoirs

Current reservoir storage is 65% of average for the 3 storage reservoirs in the basin. Grassy Lake storage is about 114% of average (14,000 ac-ft compared to 13,000 last year). Jackson Lake storage is 57% of average (244,700 ac-ft compared to 628,900 ac-ft last year). Palisades Reservoir storage is about 69% of average (619,700 ac-ft compared to 698,400 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 above average for the basin. The Snake near Moran is 1,100,000 ac-ft (130% of average). Snake River above reservoir near Alpine is 3,560,000 ac-ft (142% of average). The Snake near Irwin is 5,130,000 ac-ft (147% of average). The Snake near Heise is 5,490,000 ac-ft (145% of average). Pacific Creek near Moran is 260,000 ac-ft (150% of average). Buffalo Fork above Lava near Moran is 430,000 ac-ft (134% of average). Greys River above Palisades Reservoir is 535,000 ac-ft (149% of average). Salt River near Etna is 590,000 ac-ft (159% of average). See the following page for detailed runoff volumes.



Snake River Basin Streamflow Forecasts - April 1, 2014

SNAKE RIVER BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						30yr Avg (KAF)
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	
Snake R nr Moran ^{1,2}	APR-JUL	860	955	1000	131%	1040	1140	765
	APR-SEP	935	1050	1100	130%	1150	1260	845
Snake R ab Reservoir nr Alpine ^{1,2}	APR-JUL	2790	3010	3110	143%	3210	3430	2170
	APR-SEP	3150	3430	3560	142%	3690	3970	2500
Snake R nr Irwin ^{1,2}	APR-JUL	3960	4280	4430	147%	4580	4900	3010
	APR-SEP	4590	4960	5130	147%	5300	5670	3500
Snake R nr Heise ²	APR-JUL	4330	4570	4730	146%	4890	5130	3240
	APR-SEP	5020	5300	5490	145%	5680	5960	3780
Pacific Ck at Moran	APR-JUL	205	230	245	149%	260	285	164
	APR-SEP	220	245	260	150%	275	300	173
Buffalo Fk ab Lava Ck nr Moran	APR-JUL	325	355	375	134%	395	425	280
	APR-SEP	370	405	430	134%	455	490	320
Greys R ab Reservoir nr Alpine	APR-JUL	410	440	460	151%	480	510	305
	APR-SEP	475	510	535	149%	560	595	360
Salt R ab Reservoir nr Etna	APR-JUL	385	445	485	162%	525	585	300
	APR-SEP	460	535	590	159%	645	720	370

1) 90% and 10% exceedance probabilities are actually 95% and 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

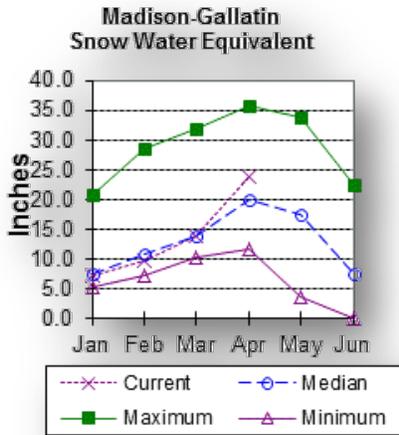
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
GRASSY LAKE	14.0	13.0	12.3	15.2
JACKSON LAKE	244.7	628.9	430.7	847.0
PALISADES RES NR IRWIN	619.7	698.4	902.8	1400.0
Basin-wide Total	878.4	1340.4	1345.8	2262.2
# of reservoirs	3	3	3	3

Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median
SNAKE above Jackson Lake	9	136%	94%
PACIFIC CREEK	3	159%	98%
BUFFALO FORK	3	155%	95%
GROS VENTRE RIVER	4	141%	83%
HOBACK RIVER	4	168%	82%
GREYS RIVER	5	154%	83%
SALT RIVER	5	144%	81%
SNAKE RIVER BASIN	30	143%	89%

Madison-Gallatin Rivers Basin

Snow

Snow water equivalent (SWE) is at 120% of median in the Madison-Gallatin drainage. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Last month precipitation in the Madison-Gallatin drainage was about 195% of average. The 6 reporting stations percentages range from 136-291% of average. Water-year-to-date precipitation is about 108% of average, or about 122% of last year. Year to date percentage ranges from 96-126%.

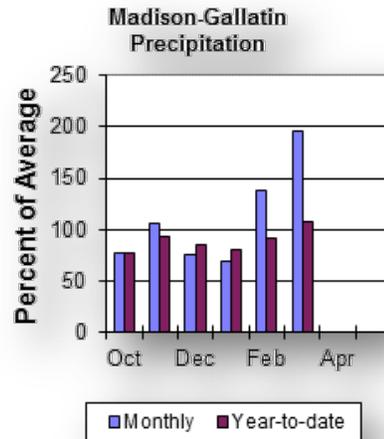
Reservoirs

Ennis Lake is storing about 28,500 ac-ft of water (70% of capacity, 97% of average or 100% of last year's volume). Hebgen Lake is storing about 297,000 ac-ft of water (79%

of capacity, 110% of average or 107% 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 forecast for April through September is above average for the basin. Hebgen Reservoir inflow is 515,000 ac-ft (110% of average). See the following page for detailed runoff volumes.

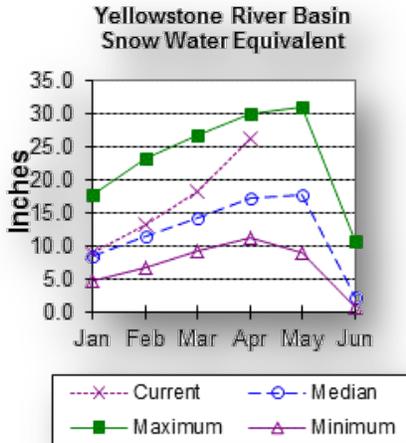


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Madison-Gallatin River Basins								
Streamflow Forecasts - April 1, 2014								
		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
MADISON-GALLATIN RIVER BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Hebgen Reservoir Inflow	APR-JUL	360	390	410	111%	430	460	370
	APR-SEP	455	490	515	110%	540	575	470
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)				
ENNIS LAKE - LOWER MADISON RES	28.5	28.5	29.5	41.0				
HEBGEN LAKE	297.0	276.6	270.4	377.5				
Basin-wide Total	325.6	305.2	299.9	418.5				
# of reservoirs	2	2	2	2				
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median					
MADISON-GALLATIN RIVER BASINS	7	120%	89%					

Yellowstone River Basin

Snow

SWE in the Yellowstone River drainage is at 145% of median. The Clarks Fork of the Yellowstone River drainage in Wyoming SWE is 159% of median. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

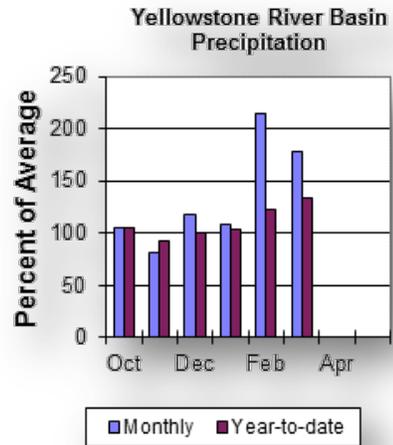
Last month precipitation in the Yellowstone drainage was about 178% of average. The 17 reporting stations percentages range from 136-228% of average. Water-year-to-date precipitation is about 133% of average, which is about 146% of last year. Year to date percentage ranges from 102-172%.

Reservoirs

No reservoir data for the basin.

Streamflow

The 50% exceedance forecasts for April through September are above average for the basin. Yellowstone at Lake Outlet is 945,000 ac-ft (123% of average). Yellowstone at Corwin Springs will yield around 2,500,000 ac-ft (133% of average). Yellowstone near Livingston will yield around 2,850,000 ac-ft (133% of average). Clarks Fork of the Yellowstone near Belfry 805,000 ac-ft (146% of average). See the following page for detailed runoff volumes.

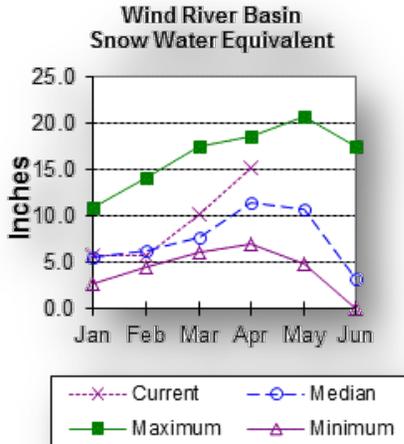


Yellowstone River Basin Streamflow Forecasts - April 1, 2014								
Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
YELLOWSTONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yellowstone R at Yellowstone Lake Outlet								
	APR-JUL	620	675	715	124%	750	810	575
	APR-SEP	820	895	945	123%	995	1070	770
Yellowstone R at Corwin Springs								
	APR-JUL	1850	2010	2130	134%	2240	2410	1590
	APR-SEP	2150	2360	2500	133%	2640	2850	1880
Yellowstone R at Livingston								
	APR-JUL	2070	2290	2430	135%	2580	2790	1800
	APR-SEP	2420	2680	2850	133%	3030	3280	2140
Clarks Fk Yellowstone R nr Belfry ²								
	APR-JUL	645	695	725	142%	760	810	510
	APR-SEP	710	765	805	146%	840	900	550
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Watershed Snowpack Analysis April 1, 2014				# of Sites	% Median	Last Year % Median		
YELLOWSTONE RIVER in WY				9	145%	96%		
CLARKS FORK in WY				8	159%	90%		

Wind River Basin

Snow

The Wind River Basin above Boysen Reservoir is 133% of median for snow water equivalent at this time of the year. SWE in the Wind River above Dubois is 165% of median. The Little Wind SWE is 102% of median, and the Popo Agie drainage SWE is about 105% of median. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Last month's precipitation in the basin varied from 89-160% of average.

Precipitation, for the basin, was about 128% of average from the 14 reporting stations. Water year-to-date precipitation is 116% of average and about 152% of last year at this time. Year-to-date percentages range from 81-226% of average.

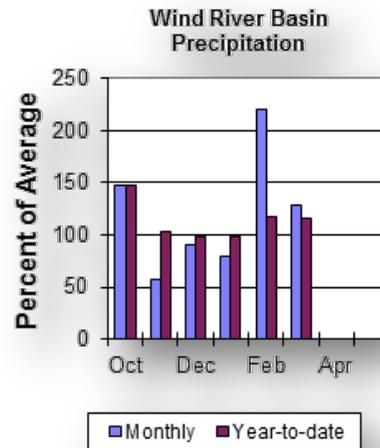
Reservoirs

Current storage in Bull Lake is about 99,400 ac-ft (132% of average) - the reservoir is at 128% of last year. Boysen Reservoir is storing about 116% of average (567,100 ac-ft) - the reservoir is about 116% of last year. Pilot Butte

is at 100% of average (24,900 ac-ft) - the reservoir is at 102% 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 vary considerably but are above average overall. Dinwoody Creek near Burris is 115,000 ac-ft (125% of average). The Wind River above Bull Lake Creek is 710,000 ac-ft (145% of average). Bull Lake Creek near Lenore is 200,000 ac-ft (118% of average). Wind River at Riverton will yield around 810,000 ac-ft (147% of average). Little Popo Agie River near Lander is around 43,000 ac-ft (88% of average). South Fork of Little Wind near Fort Washakie will yield around 93,000 ac-ft (113% of average). Little Wind River near Riverton will yield around 285,000 ac-ft (97% of average). Boysen Reservoir inflow will yield around 1,040,000 ac-ft (156% of average). See the following page for detailed runoff volumes.



Wind River Basin Streamflow Forecasts - April 1, 2014

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
WIND RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Dinwoody Ck nr Burris								
	APR-JUL	74	80	84	127%	88	94	66
	APR-SEP	102	110	115	125%	120	128	92
Wind R Ab Bull Lake Ck								
	APR-JUL	565	620	660	145%	700	755	455
	APR-SEP	595	665	710	145%	755	825	490
Bull Lake Ck nr Lenore								
	APR-JUL	128	150	165	119%	179	200	139
	APR-SEP	155	182	200	118%	220	245	169
Wind R at Riverton								
	APR-JUL	575	650	700	147%	755	830	475
	APR-SEP	650	745	810	147%	875	970	550
Little Popo Agie R nr Lander								
	APR-JUL	23	31	37	88%	43	51	42
	APR-SEP	27	37	43	88%	49	59	49
SF Little Wind R nr Fort Washakie								
	APR-JUL	64	75	83	115%	91	102	72
	APR-SEP	70	84	93	113%	102	116	82
Little Wind R nr Riverton								
	APR-JUL	125	200	255	94%	305	385	270
	APR-SEP	142	230	285	97%	345	435	295
Boysen Reservoir Inflow								
	APR-JUL	610	810	945	155%	1080	1280	610
	APR-SEP	670	895	1040	156%	1190	1410	665

1) 90% and 10% exceedance probabilities are actually 95% and 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

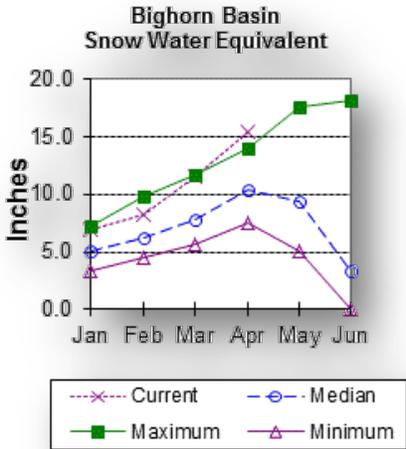
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
BULL LAKE	99.4	77.4	75.4	151.8
BOYSEN	567.1	488.0	489.0	596.0
PILOT BUTTE	24.9	24.5	24.8	31.6
Basin-wide Total	691.4	589.9	589.2	779.4
# of reservoirs	3	3	3	3

Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median
WIND above Dubois	6	165%	84%
LITTLE WIND	2	102%	71%
POPO AGIE	7	105%	70%
WIND RIVER BASIN	17	133%	77%

Bighorn River Basin

Snow

The Bighorn River Basin SWE above Bighorn Reservoir is at 149% of median. The Nowood River is at 156% of median. The Greybull River SWE is at 178% of median. Shell Creek SWE is 135% of median. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Last month's precipitation was 135% of average. Sites ranged from 53-185% of average for the month. Year-to-date precipitation is 133% of average; that is 151% of last year at this time. Year-to-date percentages, from the 16 reporting stations, range from 115-165%.

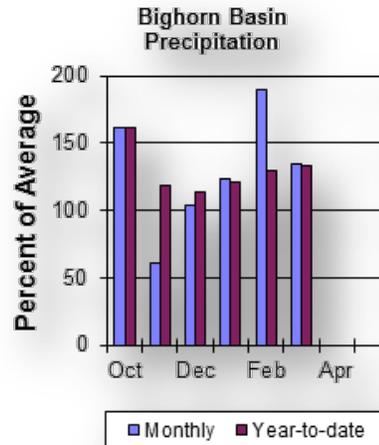
Reservoirs

Boysen Reservoir is currently storing 567,100 ac-ft (116% of average). Bighorn Lake is now at 802,200 ac-ft (102%

of average). Boysen is currently storing 116% of last year volume at this time and Big Horn Lake is storing 93% 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 well above average. Boysen Reservoir inflow should yield 1,040,000 ac-ft (156% of average); the Greybull River near Meeteetse should yield around 265,000 ac-ft (150% of average); Shell Creek near Shell should yield around 83,000 ac-ft (126% of average) and the Bighorn River at Kane should yield around 1,570,000 ac-ft (173% of average). See the following page for detailed runoff volumes.



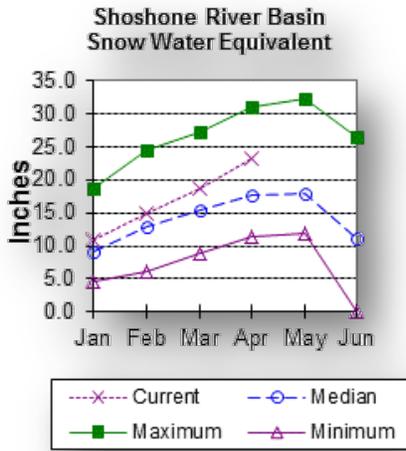
Bighorn River Basin Streamflow Forecasts - April 1, 2014

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
BIGHORN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Boysen Reservoir Inflow								
	APR-JUL	610	810	945	155%	1080	1280	610
	APR-SEP	670	895	1040	156%	1190	1410	665
Greybull R nr Meeteetse								
	APR-JUL	151	177	195	149%	215	240	131
	APR-SEP	210	245	265	150%	285	320	177
Shell Ck nr Shell								
	APR-JUL	57	66	71	129%	77	86	55
	APR-SEP	67	76	83	126%	90	99	66
Bighorn R at Kane								
	APR-JUL	910	1220	1430	170%	1640	1940	840
	APR-SEP	995	1330	1570	173%	1800	2140	905
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)				
BOYSEN	567.1	488.0	489.0	596.0				
BIGHORN LAKE	802.2	864.7	787.5	1356.0				
Basin-wide Total	1369.3	1352.7	1276.5	1952.0				
# of reservoirs	2	2	2	2				
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median					
NOWOOD RIVER	7	156%	106%					
GREYBULL RIVER	2	178%	89%					
SHELL CREEK	4	135%	84%					
BIGHORN RIVER BASIN	14	149%	94%					

Shoshone River Basin

Snow

Snowpack in this basin is above median for this time of year. Snow Water Equivalent (SWE) is 151% of median in the Shoshone River Basin. See the "Basin Summary of Snow Course Data" at the front of this report for details.



stored in the reservoir compared to 429,800 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

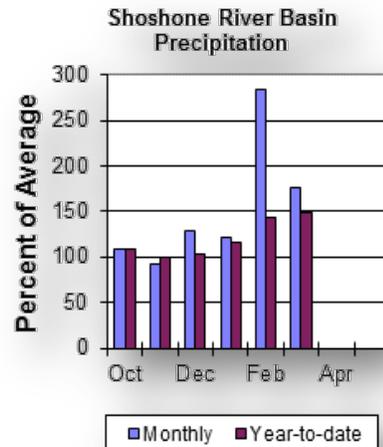
The 50% exceedance forecasts for the April through September period are expected to be well above average for the basin. The North Fork Shoshone River at Wapiti is 715,000 ac-ft (139% of average). The South Fork of the Shoshone River near Valley is 350,000 ac-ft (143% of average), and the South Fork above Buffalo Bill Reservoir runoff is 350,000 ac-ft (175% of average). The Buffalo Bill Reservoir inflow is expected to yield around 1,090,000 ac-ft (146% of average). See the following page for detailed runoff volumes.

Precipitation

Precipitation for last month was 177% of average (204% of last year). Monthly percentages range from 52-210% of average. The basin year-to-date precipitation is now 148% of average (161% of last year). Year-to-date percentages range from 119-201% of average for the 11 reporting stations.

Reservoirs

Current storage in Buffalo Bill Reservoir is about 129% of average (105% of last year's storage) - the reservoir is at about 70% of capacity. Currently, about 450,900 ac-ft are



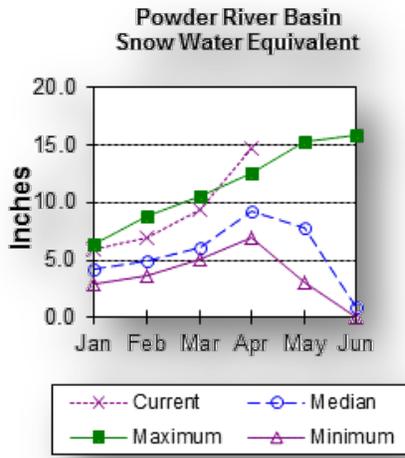
Shoshone River Basin Streamflow Forecasts - April 1, 2014

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
SHOSHONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
NF Shoshone R at Wapiti								
	APR-JUL	565	610	645	140%	675	720	460
	APR-SEP	625	680	715	139%	750	800	515
SF Shoshone R nr Valley								
	APR-JUL	270	290	305	142%	320	345	215
	APR-SEP	305	330	350	143%	370	395	245
SF Shoshone R ab Buffalo Bill Reservoir								
	APR-JUL	270	310	335	174%	360	400	193
	APR-SEP	280	320	350	175%	375	420	200
Buffalo Bill Reservoir Inflow ²								
	APR-JUL	865	945	1000	148%	1050	1130	675
	APR-SEP	935	1030	1090	146%	1160	1250	745
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)				
BUFFALO BILL	450.9	429.8	348.9	646.6				
Basin-wide Total	450.9	429.8	348.9	646.6				
# of reservoirs	1	1	1	1				
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median					
SHOSHONE RIVER BASIN	7	151%	88%					

Powder River Basin

Snow

Snow water equivalent (SWE) in the Powder River drainage is 160% of median. Upper Powder River drainage SWE is 162% of median. SWE in the Clear Creek drainage is 156% of median. Crazy Woman Creek drainage is 156% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

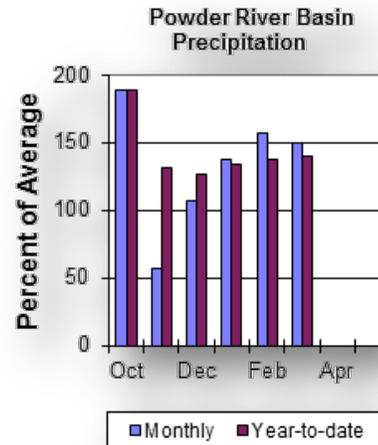
Last month's precipitation was 150% of average for the 9 reporting stations. Monthly percentages range from 107-162% of average. Year-to-date precipitation is 140% of average in the basin; this is 152% of last year at this time. Precipitation for the year ranges from 129-155% of average.

Reservoirs

No reservoir data for the basin.

Streamflow

The 50% exceedance forecasts for the April through September period are expected to be well above average for the basin. The Middle Fork of the Powder River near Barnum is 29,000 ac-ft (171% of average). The North Fork of the Powder River near Hazelton should yield around 17,500 ac-ft (177% of average). Rock Creek near Buffalo will yield about 34,000 ac-ft (155% of average), and Piney Creek at Kearny should yield about 77,000 ac-ft (164% of average). The Powder River at Moorhead is 380,000 ac-ft (194% of average). The Powder River near Locate is 440,000 ac-ft (200% of average). See the following page for detailed runoff volumes.



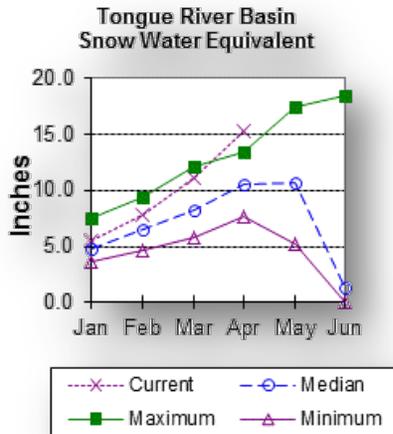
**Powder River Basin
Streamflow Forecasts - April 1, 2014**

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
POWDER RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
MF Powder R nr Barnum	APR-JUL	21	25	27	168%	29	33	16.1
	APR-SEP	23	27	29	171%	31	35	17
NF Powder R nr Hazelton	APR-JUL	14	15.4	16.4	180%	17.4	18.8	9.1
	APR-SEP	14.9	16.4	17.5	177%	18.6	20	9.9
Rock Ck nr Buffalo	APR-JUL	22	26	29	156%	32	37	18.6
	APR-SEP	27	31	34	155%	37	42	22
Piney Ck at Kearny	APR-JUL	53	64	72	164%	80	92	44
	APR-SEP	57	69	77	164%	86	98	47
Powder R at Moorehead	APR-JUL	230	300	345	195%	390	460	177
	APR-SEP	260	330	380	194%	430	500	196
Powder R nr Locate	APR-JUL	255	340	395	198%	450	535	199
	APR-SEP	290	380	440	200%	500	585	220
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median					
UPPER POWDER RIVER	5	162%	107%					
CLEAR CREEK	4	156%	88%					
CRAZY WOMAN CREEK	3	156%	108%					
POWDER RIVER BASIN	9	160%	99%					

Tongue River Basin

Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 144% of median. The Goose Creek drainage is 144% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Last month's precipitation was 147% of average for the 7 reporting stations. Monthly percentages range from 126-172% of average. Year-to-date precipitation is 132% of average in the basin; this is 166% of last year at this time. Precipitation for the year ranges from 115-153% of average.

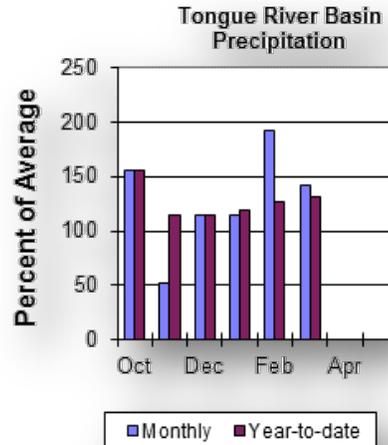
Reservoirs

The Tongue River Reservoir currently is storing 60,600 ac-ft, while last year's storage

was 54,000 ac-ft. The Tongue River Reservoir is at 188% of average or 77% of capacity for this time of year.

Streamflow

The 50% exceedance forecasts for the April through September period are expected to be above average for the basin. The yield for Tongue River near Dayton is 134,000 ac-ft (137% of average). Big Goose Creek near Sheridan is 77,000 ac-ft (143% of average). Little Goose Creek near Bighorn is 55,000 ac-ft (141% of average). The Tongue River Reservoir Inflow is 330,000 ac-ft (153% of average). See the following page for detailed runoff volumes.



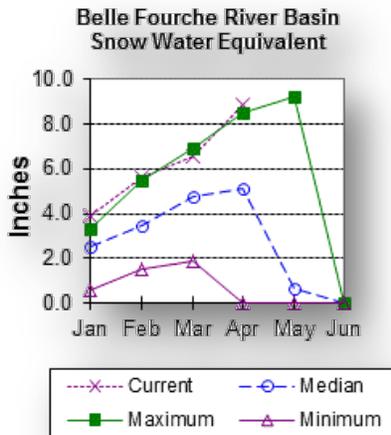
Tongue River Basin Streamflow Forecasts - April 1, 2014

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
TONGUE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tongue R nr Dayton								
	APR-JUL	92	109	120	140%	131	147	86
	APR-SEP	104	122	134	137%	146	164	98
Big Goose Ck nr Sheridan								
	APR-JUL	49	59	65	141%	71	81	46
	APR-SEP	61	70	77	143%	84	93	54
Little Goose Ck nr Bighorn								
	APR-JUL	34	40	44	142%	48	54	31
	APR-SEP	44	51	55	141%	59	66	39
Tongue River Reservoir Inflow								
	APR-JUL	197	255	295	153%	335	395	193
	APR-SEP	225	290	330	153%	375	435	215
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)				
TONGUE RIVER RES	60.6	54.0	32.3	79.1				
Basin-wide Total	60.6	54.0	32.3	79.1				
# of reservoirs	1	1	1	1				
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median					
GOOSE CREEK	3	144%	83%					
TONGUE RIVER BASIN	9	144%	85%					

Belle Fourche River Basin

Snow

The Belle Fourche River Basin SWE is 172% of median at 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 105% of average or 155% of last year in the Black Hills. There were 6 reporting stations. Year-to-date precipitation is 145% of average and 197% of last year's amount.

Reservoirs

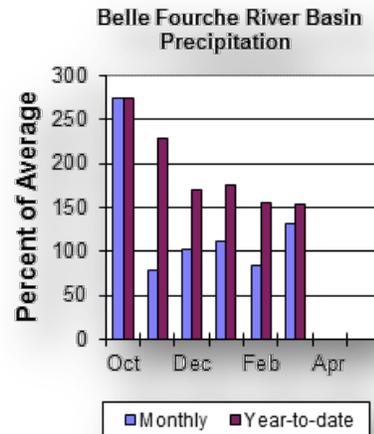
Belle Fourche Reservoir is storing 113% of average (147,700 ac-ft), about 83% of capacity. Keyhole Reservoir is storing 180% of average (173,900 ac-ft), about 90% of capacity.

Shadehill Reservoir is storing 128% of

average (80,700 ac-ft), about 99% of capacity. Detailed reservoir data is shown following and on the reservoir storage summary at the beginning of this report.

Streamflow

There are no streamflow forecast points for the basin.

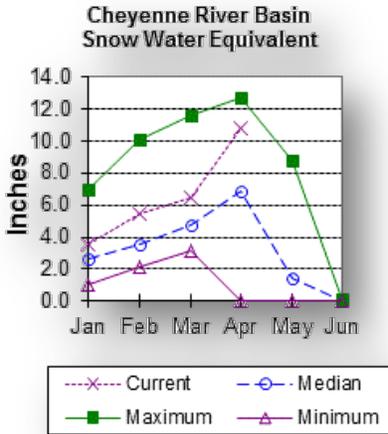


Data Current as of: 4/4/2014 5:35:13 PM				
Belle Fourche River Basin - April 1, 2014				
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
BELLE FOURCHE	147.7	117.5	133.5	178.4
KEYHOLE	173.9	150.2	96.8	193.8
SHADEHILL	80.7	36.3	59.0	81.4
Basin-wide Total	402.3	304.0	289.3	453.6
# of reservoirs	3	3	3	3
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median	
BELLE FOURCHE RIVER BASIN	6	172%	113%	

Cheyenne River Basin

Snow

The Cheyenne River Basin SWE is 157% of median at this time of year. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

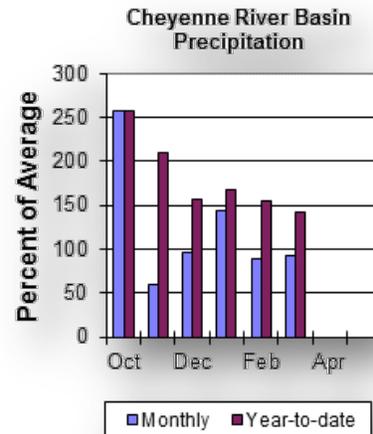


Precipitation

Precipitation for last month was 94% of average or 83% of last year in the Black Hills. There were 5 reporting stations. Year-to-date precipitation is 143% of average and 155% of last year's amount.

Reservoirs

Angostura is currently storing 101% of average (110,100 ac-ft), about 91% of capacity. Deerfield reservoir is storing 110% of average (14,800



ac-ft), about 97% of capacity. Pactola Reservoir is storing 109% of average (50,900 ac-ft), about 93% 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 expected to be 8,500 ac-ft (163% of average). Pactola Reservoir Inflow is expected to yield around 35,000 ac-ft (159% of average). See the following for detailed runoff volumes.

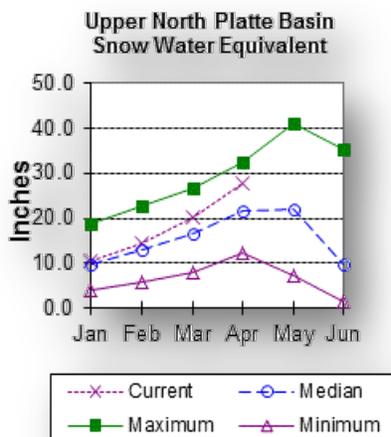
Cheyenne River Basin Streamflow Forecasts - April 1, 2014								
Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
CHEYENNE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Deerfield Reservoir Inflow	APR-JUL	5.5	7.3	8.5	163%	9.7	11.5	5.2
Pactola Reservoir Inflow	APR-JUL	18.1	28	35	159%	42	52	22
1) 90% and 10% exceedance probabilities are actually 95% and 5% 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions 3) Median value used in place of average								
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)				
ANGOSTURA	111.6	75.1	94.3	122.1				
DEERFIELD	14.8	15.1	14.1	15.2				
PACTOLA	50.9	50.1	46.4	55.0				
Basin-wide Total	177.2	140.3	154.8	192.3				
# of reservoirs	3	3	3	3				
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median					
CHEYENNE RIVER BASIN	7	157%	107%					

Upper North Platte River Basin

Snow

The sites above Seminoe Reservoir are showing about 128% of median (SWE) for this time of the year. SWE in the drainage area above Northgate is 133% of median at this time. SWE in the Encampment River drainage is about 131% of median. Brush Creek SWE for the year is about 125% of median. Medicine Bow and Rock Creek drainages SWE are about 131% of median.

For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Twelve reporting stations show last month's precipitation at 124% of average or 149% of last year. Precipitation varied from 102-162% of average last month. Total water-year-to-date precipitation is about 120% of average for the basin, which is about 150% of last year's amount. Year to date percentage ranges from 91-153% of average.

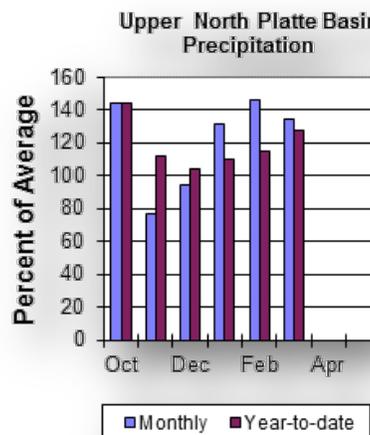
Reservoirs

Seminoe Reservoir is estimated to be storing 325,700 ac-ft or 32% of capacity. Seminoe Reservoir is also storing about 68% of average for this time of the year and 67% 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 above average for the Upper North Platte River Basin. Yield for the North Platte River near Northgate will be around 390,000 ac-ft (156% of average). The Encampment River near Encampment is 184,000 ac-ft (133% of average). Rock Creek near Arlington is 72,000 ac-ft (138% of average).

Seminoe Reservoir inflow should be around 1,100,000 ac-ft (143% of average). See the following table for more detailed information on projected runoff.



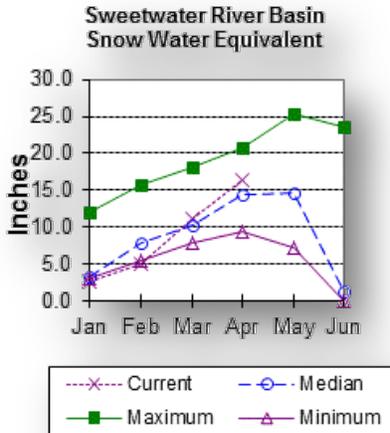
Upper North Platte River Basin Streamflow Forecasts - April 1, 2014

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
UPPER NORTH PLATTE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
North Platte R nr Northgate								
	APR-JUL	255	310	350	156%	390	445	225
	APR-SEP	285	345	390	156%	435	495	250
Encampment R nr Encampment ²								
	APR-JUL	138	159	173	134%	187	210	129
	APR-SEP	146	169	184	133%	199	220	138
Rock Ck nr Arlington								
	APR-JUL	55	63	68	139%	73	81	49
	APR-SEP	58	66	72	138%	78	86	52
Sweetwater R nr Alcova								
	APR-JUL	26	43	54	92%	65	82	59
	APR-SEP	28	47	59	92%	71	90	64
Seminole Reservoir Inflow								
	APR-JUL	655	870	1020	143%	1170	1380	715
	APR-SEP	705	945	1100	143%	1270	1500	770
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014		Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)			
SEMINOE		325.7	484.5	481.2	1016.7			
Basin-wide Total		325.7	484.5	481.2	1016.7			
# of reservoirs		1	1	1	1			
Watershed Snowpack Analysis April 1, 2014		# of Sites	% Median	Last Year % Median				
N PLATTE above Northgate		11	133%	80%				
ENCAMPMENT RIVER		4	131%	81%				
BRUSH CREEK		5	125%	82%				
MEDICINE BOW & ROCK CREEKS		2	131%	86%				
UPPER NORTH PLATTE RIVER BASIN		24	128%	79%				

Sweetwater River Basin

Snow

SWE for the Sweetwater River Basin is at 115% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

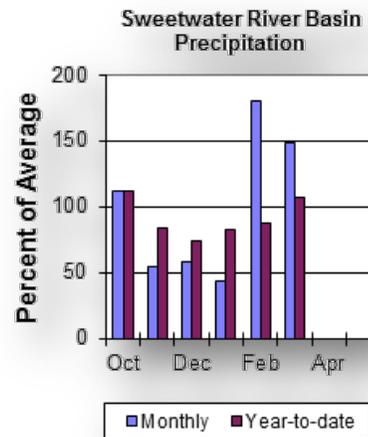
Last month's precipitation was 150% of average for the three reporting stations (132-205%). The water year-to-date precipitation for the basin is currently 105% of average. Year-to-date percentages range from 93-168% of average.

Reservoirs

Reservoir storage is as follows: Pathfinder 358,400 ac-ft (35% of average).

Streamflow

The following yield is based on the 50% exceedance forecast for the April through September period, and is expected to be below average. The Sweetwater River near Pathfinder is forecast to yield about 59,000 ac-ft (92% of average). See the following table for more detailed information on projected runoff.



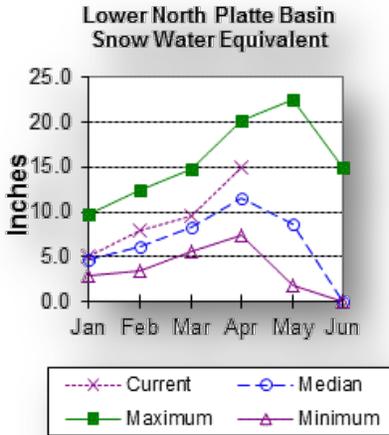
**Sweetwater River Basin
Streamflow Forecasts - April 1, 2014**

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
SWEETWATER RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Sweetwater R nr Alcova								
	APR-JUL	26	43	54	92%	65	82	59
	APR-SEP	28	47	59	92%	71	90	64
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)				
PATHFINDER	358.4	423.6	604.6	1016.5				
Basin-wide Total	358.4	423.6	604.6	1016.5				
# of reservoirs	1	1	1	1				
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median					
SWEETWATER RIVER BASIN	4	115%	64%					

Lower North Platte River Basin

Snow

SWE for the Laramie Range Mts. is at 129% of median. Deer and LaPrele Creek SWE are at 124% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Last month's precipitation was 149% of average. Of the 6 reporting stations, percentages for the month range from 124-232%. The water year-to-date precipitation for the basin is currently 126% of average (190% of last year). Year-to-date percentages range from 94-184% of average.

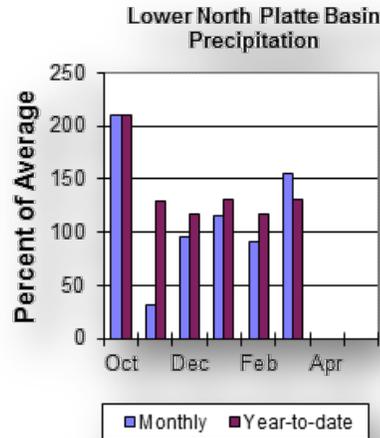
Reservoirs

Reservoir storage is as follows: Alcova 153,000 ac-ft (97% of average)(83% of capacity); Glendo 417,600 ac-ft (107% of average)(82% of capacity); Guernsey 14,800 ac-ft (74% of average)(32% of capacity);

Pathfinder 358,400 ac-ft (59% of average)(35% of capacity).

Streamflow

The following yields are based on the 50% exceedance forecasts for the April through September period, and are expected to be above average. North Platte - Alcova to Orin Gain is forecast to yield 91,000 ac-ft. La Prele Creek above La Prele Reservoir 25,000 ac-ft (126% of average). North Platte River below Glendo Reservoir is 1,250,000 ac-ft (147% of average), and below Guernsey Reservoir is anticipated to yield around 1,300,000 ac-ft (153% of average). See the following table for more detailed information on projected runoff.



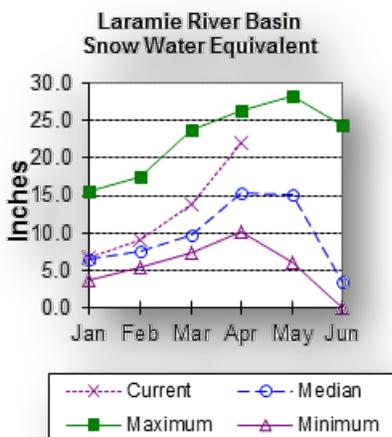
Lower North Platte River Basin Streamflow Forecasts - April 1, 2014

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
LOWER NORTH PLATTE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
La Prele Ck ab La Prele Reservoir								
	APR-JUL	12.2	19.8	25	126%	30	38	19.9
	APR-SEP	12.1	19.8	25	126%	30	38	19.9
North Platte R - Alcova to Orin Gain								
	APR-JUL	7	74	126	247%	178	255	51
	APR-SEP	12	38	91	455%	144	220	20
North Platte R bl Glendo Reservoir								
	APR-JUL	940	1090	1200	146%	1310	1460	820
	APR-SEP	970	1130	1250	147%	1360	1520	850
North Platte R bl Guernsey Reservoir								
	APR-JUL	910	1100	1240	151%	1370	1570	820
	APR-SEP	960	1160	1300	153%	1440	1640	850
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014		Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)			
ALCOVA		153.0	157.2	158.5	184.3			
GLENDO		417.6	328.9	389.4	506.4			
GUERNSEY		14.8	6.7	20.0	45.6			
PATHFINDER		358.4	423.6	604.6	1016.5			
Basin-wide Total		943.8	916.4	1172.5	1752.8			
# of reservoirs		4	4	4	4			
Watershed Snowpack Analysis April 1, 2014		# of Sites	% Median	Last Year % Median				
DEER & LaPRELE CREEKS		2	124%	67%				
LOWER NORTH PLATTE RIVER BASIN		4	129%	65%				

Laramie River Basin

Snow

SWE for the Laramie River above Laramie is 140% of median. SWE for the Little Laramie River is 150% of median. The SWE total for the entire Laramie River Basin (above mouth entering North Platte) is 144% of median. SWE total for the entire North Platte River Basin above Torrington is at 130% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

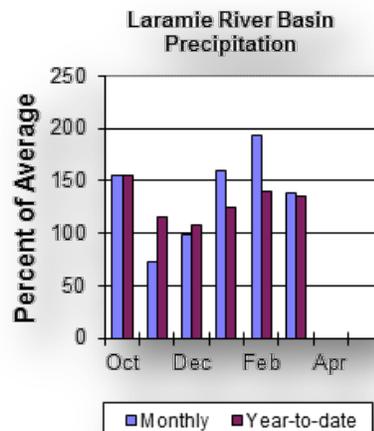
Last month's precipitation was 134% of average or 192% of last year's amount. For the 8 reporting stations, percentages for the month range from 51-206%. The water year-to-date precipitation for the basin is currently 138% of average (188% of last year). Year-to-date percentages range from 98-195% of average.

Reservoirs

Reservoir storage is as follows: Wheatland #2 63,400 ac-ft (124% of average)(64% of capacity).

Streamflow

The following yields are based on the 50% exceedance forecasts for the April through September period, and are expected to be above average. Laramie River near Woods Landing should yield around 190,000 ac-ft (151% of average). The Little Laramie near Filmore should produce about 75,000 ac-ft (136% of average). See the following table for more detailed information on projected runoff.



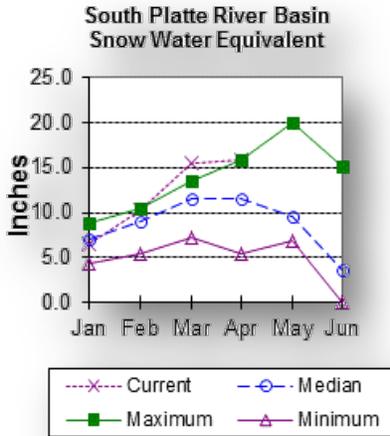
Laramie River Basin Streamflow Forecasts - April 1, 2014

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
LARAMIE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Laramie R nr Woods								
	APR-JUL	135	158	174	151%	190	215	115
	APR-SEP	146	172	190	151%	210	235	126
Little Laramie R nr Filmore								
	APR-JUL	53	62	69	135%	76	85	51
	APR-SEP	56	67	75	136%	83	94	55
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014					Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
WHEATLAND #2					63.4	29.0	51.0	98.9
Basin-wide Total					63.4	29.0	51.0	98.9
# of reservoirs					1	1	1	1
Watershed Snowpack Analysis April 1, 2014				# of Sites	% Median	Last Year % Median		
LARAMIE RIVER abv Laramie				7	140%	82%		
LITTLE LARAMIE RIVER				5	150%	75%		
LARAMIE RIVER BASIN				13	144%	77%		
NORTH PLATTE TOTAL RIVER BASIN				38	130%	77%		

South Platte River Basin (WY)

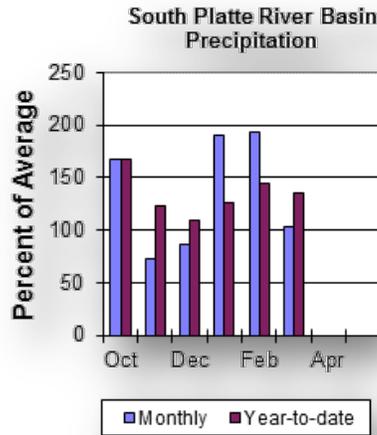
Snow

SWE for the South Platte River Basin is at 136% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Last month's precipitation was 97% of average for the 5 reporting stations. The water year-to-date precipitation for the basin is currently 136% of average (171% of last year). Year-to-date percentages range from 113-165% of average.



Reservoirs

No reservoir data for the basin.

Streamflow

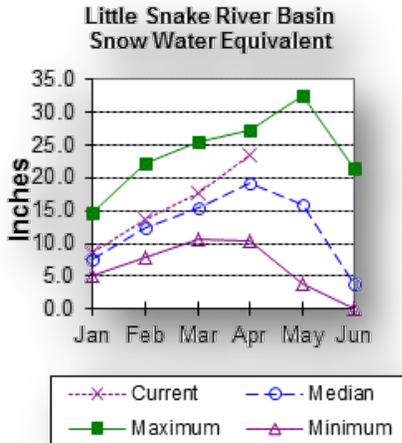
There are no streamflow forecast points for the basin.

Data Current as of: 4/4/2014 5:35:22 PM			
South Platte River Basin - April 1, 2014			
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median
SOUTH PLATTE RIVER BASIN	8	136%	83%

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 123% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Precipitation across the basin was 126% of average for the 9 reporting stations. Last month's precipitation ranged from 102-156% of average. The Little Snake River Basin water-year-to-date precipitation is currently 117% of average (154% of last year). Year-to-date percentages range from 91-152% of average.

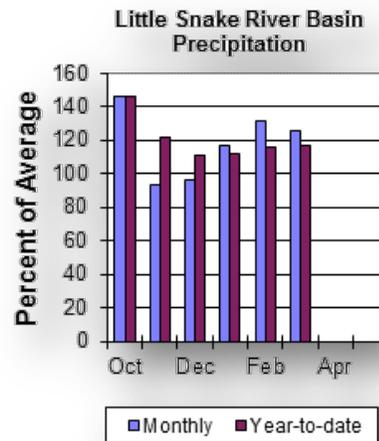
Reservoirs

High Savery Dam
- 8,000 ac-ft (58%

of average)(36% of capacity).

Streamflow

The following yields are based on the 50% exceedance forecasts for the April through July period, and are expected to be above average. The Little Snake River near Slater should yield around 205,000 ac-ft (131% of average). The Little Snake River near Dixon is estimated to yield around 400,000 ac-ft (116% of average). See the following table for more detailed information on projected runoff.

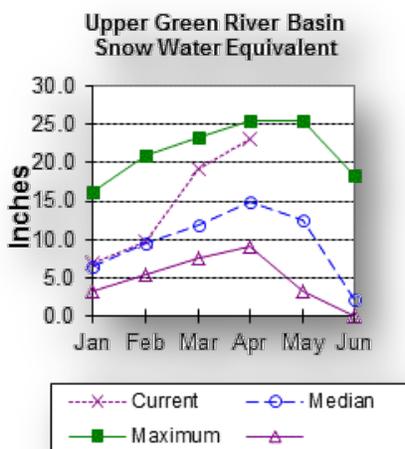


Little Snake River Basin Streamflow Forecasts - April 1, 2014								
Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
LITTLE SNAKE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Snake R nr Slater ²	APR-JUL	158	185	205	131%	225	260	156
Little Snake R nr Dixon ²	APR-JUL	250	335	400	116%	470	585	345
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014		Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)			
HIGH SAVERY RESERVOIR		8.0	8.1	13.1	22.4			
Basin-wide Total		8.0	8.1	13.1	22.4			
# of reservoirs		1	1	1	1			
Watershed Snowpack Analysis April 1, 2014		# of Sites	% Median	Last Year % Median				
LITTLE SNAKE RIVER BASIN		10	123%	75%				

Upper Green River Basin

Snow

SWE in the Upper Green River Basin above Fontenelle Reservoir is about 156% of median. SWE in the Green River Basin above Warren Bridge is about 161% of median. SWE for the West Side of Upper Green River Basin is about 160% of median. New Fork River SWE is now about 151% of median. Big Sandy-Eden Valley Basin is 122% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

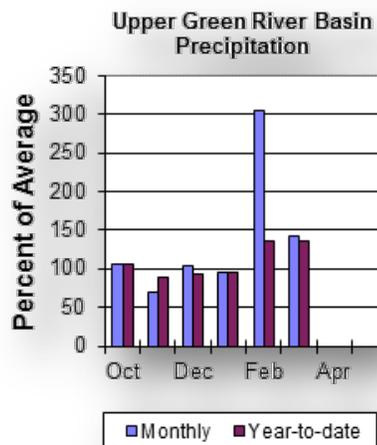
The 13 reporting precipitation sites in the basin were 146% of average last month (206% of last year). Last month's precipitation varied from 87-243% of average. Water year-to-date precipitation is about 137% of average (176% of last year). Year to date percentage of average ranges from 116-165% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 10,800 ac-ft, or 28% of capacity and 54% of average. Fontenelle Reservoir is 120,800 ac-ft (35% of capacity)(99% of average) The combined Upper and Lower Green River Basin Reservoir Storage is 97% of average. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The following yields are based on the 50% exceedance forecasts for the April through July period, and are expected to be well above average. The yield on the Green River at Warren Bridge is 350,000 ac-ft (143% of average). Pine Creek above Fremont Lake is 119,000 ac-ft (121% of average). New Fork River near Big Piney is 515,000 ac-ft (145% of average). Fontenelle Reservoir Inflow is estimated to be 1,150,000 ac-ft (159% of average), and Big Sandy near Farson is expected to be around 55,000 ac-ft (106% of average). See the following table for more detailed information on projected runoff.



Upper Green River Basin Streamflow Forecasts - April 1, 2014

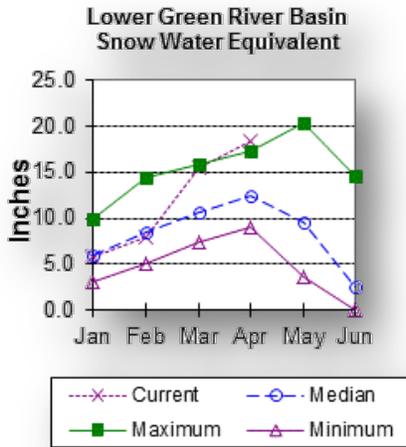
Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
UPPER GREEN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Green R at Warren Bridge	APR-JUL	285	325	350	143%	375	420	245
Pine Creek ab Fremont Lake	APR-JUL	104	113	119	121%	125	135	98
New Fork R nr Big Piney	APR-JUL	375	455	515	145%	580	680	355
Fontenelle Reservoir Inflow	APR-JUL	825	1010	1150	159%	1300	1530	725
Big Sandy R nr Farson	APR-JUL	39	48	55	106%	62	74	52
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)				
BIG SANDY	10.8	8.5	19.9	38.3				
FONTENELLE	120.8	128.3	121.7	344.8				
Basin-wide Total	131.6	136.8	141.6	383.1				
# of reservoirs	2	2	2	2				
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median					
GREEN above Warren Bridge	5	161%	77%					
UPPER GREEN - West Side	5	160%	81%					
NEWFORK RIVER	2	151%	73%					
BIG SANDY-EDEN VALLEY	2	122%	62%					
GREEN above Fontenelle	14	156%	79%					

Lower Green River Basin

Snow

SWE in the Lower Green River Basin is 127% of median. SWE in the Hams Fork drainage is 138% of median. Blacks Fork drainage SWE is currently 119% of median. In the Henrys Fork drainage SWE is 95%. SWE for the

entire Green River Basin (above Flaming Gorge) is 147% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

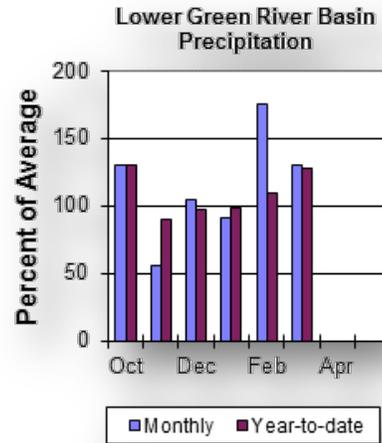
Precipitation for the 13 reporting stations during last month was at 90% of average or 132% of last year. Precipitation ranged from 50-148% of average for the month. The basin year-to-date precipitation is currently 107% of average (140% of last year). Year-to-date percentages range from 66-185% of average.

Reservoirs

Fontenelle Reservoir is currently storing 120,800 ac-ft; this is 99% of average (94% of last year), (35% of capacity). Flaming Gorge is currently storing 2,914,100 ac-ft; this is 96% of average (98% of last year), (78% of capacity). Viva Naughton is currently storing 25,000 ac-ft, 92% of average (107% of last year), (59% 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 yields are based on the 50% exceedance forecasts for the April through July period, and are expected to be above average. The Green River near Green River is forecast to yield about 1,170,000 ac-ft (160% of average). The Blacks Fork near Robertson is forecast to yield 90,000 ac-ft (101% of average). East Fork of Smiths Fork near Robertson is forecast to yield 28,000 ac-ft (104% of average). Hams Fork below Pole Creek near Frontier is forecast to be 76,000 ac-ft (141% of average). The Hams Fork Inflow to Viva Naughton Reservoir is forecast to be 109,000 ac-ft (147% of average). The Flaming Gorge Reservoir inflow will be about 1,450,000 ac-ft (148% of average). See the following table for more detailed information on projected runoff.



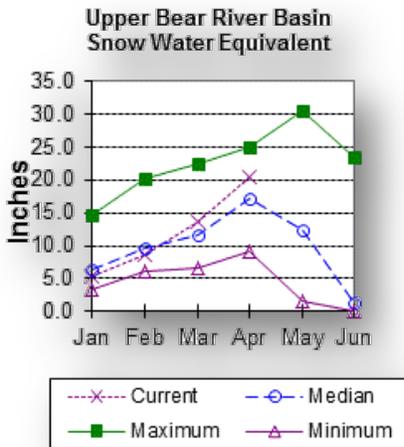
**Lower Green River Basin
Streamflow Forecasts - April 1, 2014**

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
LOWER GREEN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Green R nr Green River, WY ²	APR-JUL	835	1030	1170	160%	1320	1560	730
Blacks Fk nr Robertson	APR-JUL	66	80	90	101%	101	117	89
EF of Smiths Fork nr Robertson ²	APR-JUL	17.6	23	28	104%	33	41	27
Hams Fk bl Pole Ck nr Frontier	APR-JUL	55	67	76	141%	85	100	54
Viva Naughton Reservoir Inflow	APR-JUL	76	95	109	147%	124	147	74
Flaming Gorge Reservoir Inflow ²	APR-JUL	965	1240	1450	148%	1670	2040	980
1) 90% and 10% exceedance probabilities are actually 95% and 5%								
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions								
3) Median value used in place of average								
Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)				
FONTENELLE	120.8	128.3	121.7	344.8				
FLAMING GORGE RESERVOIR	2914.1	2985.6	3020.0	3749.0				
VIVA NAUGHTON RES	25.0	23.4	27.2	42.4				
Basin-wide Total	3059.9	3137.3	3168.9	4136.2				
# of reservoirs	3	3	3	3				
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median					
HAMS FORK RIVER	4	138%	76%					
BLACKS FORK	2	119%	81%					
HENRYS FORK	2	95%	88%					
LOWER GREEN RIVER BASIN	8	127%	79%					
GREEN above FLAMING GORGE	21	147%	79%					

Upper Bear River Basin

Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 106% of median. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is at 135% of median. Bear River Basin SWE, above the Idaho State line, is 119% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

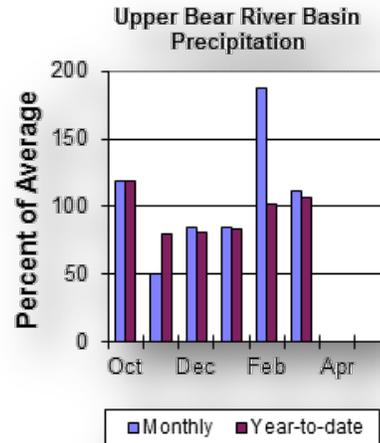
Precipitation for last month was 101% of average for the 8 reporting stations; this is 162% of the precipitation received last year. The year-to-date precipitation, for the basin, is 102% of average; this is 134% of last year's amount.). Year-to-date percentages range from 64-119% of average.

Reservoirs

Storage in Woodruff Narrows Reservoir was 23,235 ac-ft, about 29% of capacity and 61% of average.

Streamflow

The following 50% exceedance forecasts are for the April through September period, and are expected to be near average. The Bear River near the Utah-Wyoming State Line is 119,000 ac-ft (97% of average). The Bear River above Reservoir near Woodruff is 125,000 ac-ft (98% of average). The Smiths Fork River near Border Jct. is 112,000 ac-ft (108% of average). See the following table for more detailed information on projected runoff.



**Upper Bear River Basin
Streamflow Forecasts - April 1, 2014**

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

UPPER BEAR RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Bear R nr UT-WY State Line	APR-JUL	79	96	108	96%	120	137	112
	APR-SEP	87	106	119	97%	132	151	123
Bear R ab Resv nr Woodruff	APR-JUL	78	103	120	99%	137	162	121
	APR-SEP	82	108	125	98%	143	168	128
Smiths Fk nr Border	APR-JUL	76	89	98	110%	107	120	89
	APR-SEP	87	102	112	108%	122	137	104

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

Reservoir Storage End of March, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
WOODRUFF NARROWS RESERVOIR	23.2	12.0	38.4	57.3
Basin-wide Total	23.2	12.0	38.4	57.3
# of reservoirs	1	1	1	1
Watershed Snowpack Analysis April 1, 2014	# of Sites	% Median	Last Year % Median	
UPPER BEAR RIVER in Utah	4	106%	69%	
SMITHS & THOMAS FORKS	3	135%	78%	
UPPER BEAR RIVER BASIN	8	119%	72%	

State of Wyoming SWE 138% of Median

NORTHWEST

Basin Total %s 141%
Number Courses 68

NORTHEAST

Basin Total %s 153%
Number Courses 25

SOUTHEAST

Basin Total %s 130%
Number Courses 33

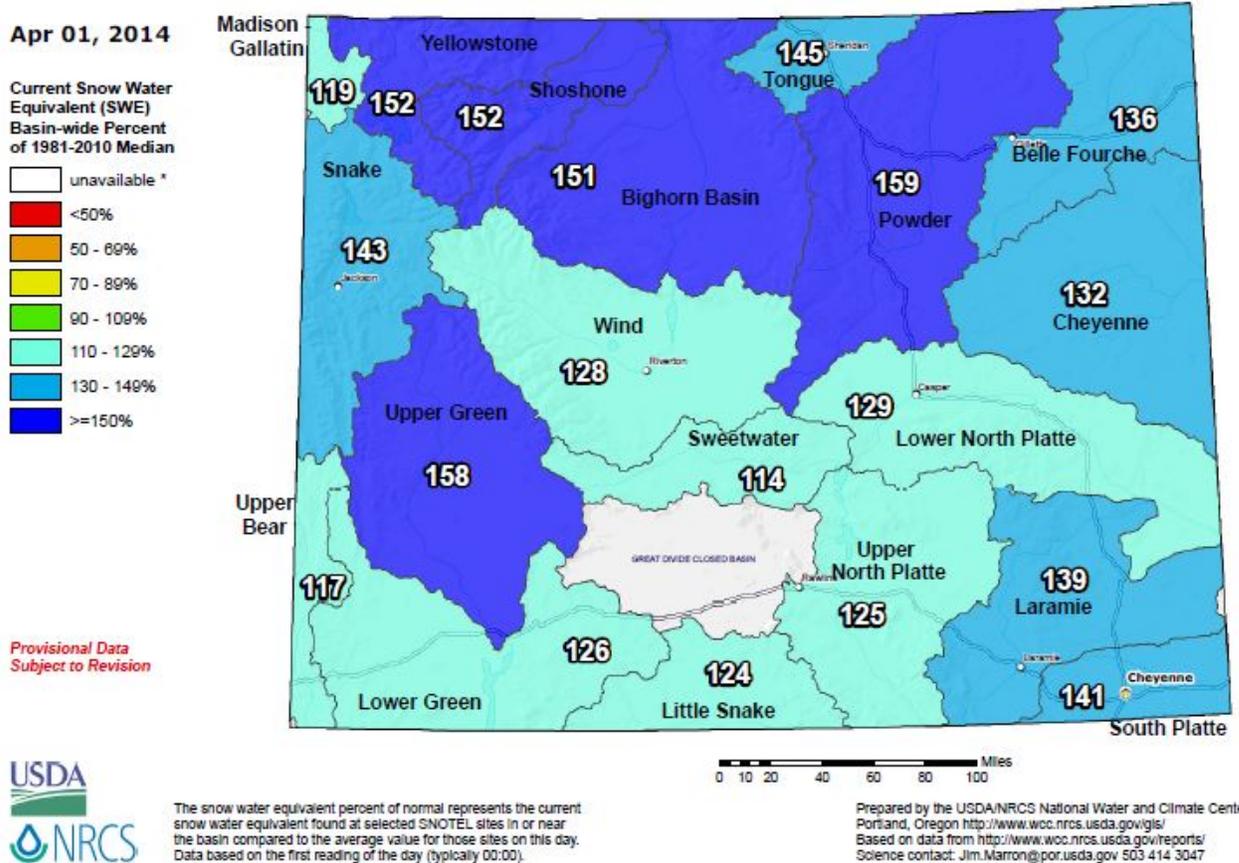
SOUTHWEST

Basin Total %s 133%
Number Courses 38

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Astrid Martinez
State Con.
N R C S
Casper, Wyoming

Wyoming SNOTEL Current Snow Water Equivalent (SWE) % of Normal



The above map is only for SNOTELS and does not include snow courses. The Outlook Report includes the snow courses.

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:

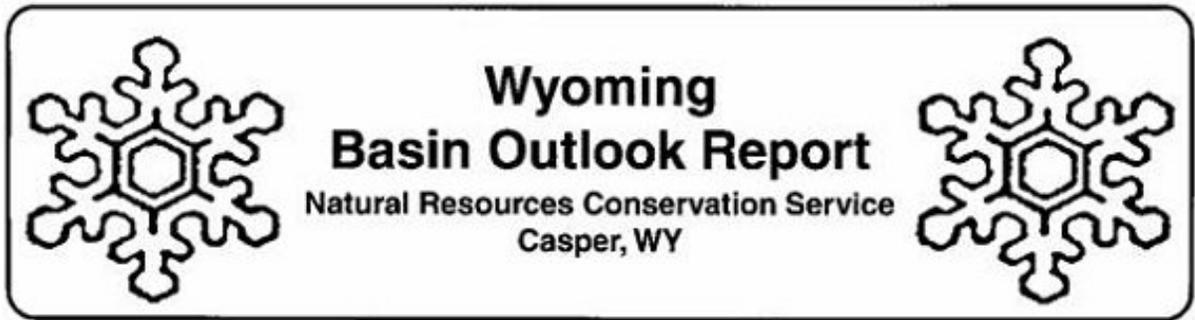
The Wyoming State Engineer's Office

The University of Wyoming

Local:

The City of Cheyenne

The City of Rawlins



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