

Natural Resources Conservation Service

Wyoming Basin Outlook Report June 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 June 1st at 185+%. The water year precipitation average for WY as of June 1st is 113%. Monthly precipitation for the basins varied from 46-153% of average. Year-to-date precipitation for Wyoming basins varies from 92-135% of average. Forecasted runoff varies from 52-195% of average across the Wyoming basins for an overall average of 126%. Basin reservoir levels for Wyoming vary from 82-174% of average for an overall average of 102%.

Snowpack

Snow water equivalent (SWE), across Wyoming is very high for this time of year at 185+%. SWE in the NW portion of Wyoming is now about 143% of median (252% of last year). NE Wyoming SWE is currently about 282% of median (232% of last year). The SE Wyoming SWE is currently about 177% of median (246% of last year). The SW Wyoming SWE is about 168% of median (295% of last year).

Precipitation

Last month's precipitation varied considerably across Wyoming. The South Platte River Basin had the highest precipitation for the month at 153% of average. The Shoshone River Basin had the lowest precipitation amount at 46% of average. The following table displays the major river basins and their departure from average for last month.

	Departure	[eparture
Basin	from average	Basin from	average
Snake River	-42%	Upper North Platte River	+45%
Madison-Gallatin	-42%	Sweetwater River	-12%
Yellowstone	-46%	Lower North Platte	+01%
Wind River	-19%	Laramie River	+48%
Bighorn	-31%	South Platte	+53%
Shoshone	-54%	Little Snake River	+22%
Powder River	-29%	Upper Green River	-26%
Tongue River	-26%	Lower Green River	-07%
Belle Fourche	-30%	Upper Bear River	-34%
Cheyenne	-51%		

Streams

Stream flow yield for June to September is expected to be well above average over most of Wyoming. Most probable yield for the entire State of Wyoming is forecast to be about 126% (varying from 52-161% of average). The Snake River, Upper Yellowstone and Madison River Basins are expected to yield about 118%, 132% and 105% of average, respectively; 105-132% of average for the various forecast points in the basins. Yields from the Wind and Bighorn River Basins are expected to be about 103% and 113% of average, respectively; varying from 64-126% of average in the basins. Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 136% and 146% of average, respectively. Yields from the Powder & Tongue River Basins are expected to be about 155% and 141% of average, respectively; varying from 129-161% of average. Yield for the Cheyenne River Basin is expected to be about 148% of average. Yields for the Upper North Platte, Sweetwater, Lower North Platte, and Laramie Rivers of Wyoming are expected to be about 137%, 52%, 148%, and 150% of

average, respectively; varying from 52-150% of average. Yields for the Little Snake, Green River, and Little Bear of Wyoming are expected to be 104%, 127%, and 87% of average respectively.

Reservoirs

Reservoir storage varies across the state however reservoir storage is at 102% of average for the entire state. Reservoirs in the Wind River Basin are above average at 119%. Reservoirs on the Big Horn are about average at 99%. The Buffalo Bill Reservoir on the Shoshone is above average at 122%. Reservoirs in the Belle Fourche and Cheyenne River Basins are above average in storage at 128 & 101% respectively. Reservoirs on the Lower North Platte River are below average at 92%. Reservoirs on the Green River are slightly above average at 104%. See the following table for further information about reservoir storage.

Major Reservoirs in Wyoming May 1, 2014

BASIN AREA CURRENT		LAST YR AS	AVERAGE AS	CURRENT AS	CURRENT AS
RESERVOIR % CAPAC		% CAPACITY	% CAPACITY	% AVERAGE	% LAST YR
3.5.0013		OMING AND SU			100
ALCOVA	98	98	98	100	100
ANGOSTURA	91	65	96	95	140
BELLE FOURCHE	92	84	85	108	110
BIG SANDY	62	58	76	81	107
BIGHORN LAKE	55	67	63	89	83
BOYSEN	97	85	84	116	115
BUFFALO BILL	73	82	60	122	89
BULL LAKE	82	70	58	141	118
DEERFIELD	01	101	89	113	99
ENNIS LAKE	80	89	87	92	90
FLAMING GORGE	85	81	82	104	105
FONTENELLE	54	53	48	113	101
GLENDO	96	84	94	102	114
Grassy Lake	94	101	94	100	93
GUERNSEY	66	18	75	87	356
HEBGEN LAKE	87	88	89	97	98
Jackson Lake	75	94	72	105	80
KEYHOLE	91	79	52	174	114
PACTOLA	00	98	88	113	102
Palisades	61	54	73	83	113
PATHFINDER	51	39	62	82	130
PILOT BUTTE	66	85	71	93	77
SEMINOE	69	57	60	115	120
SHADEHILL	89	55	84	106	163
TONGUE RIVER	06	102	66	159	104
VIVA NAUGHTON RES	95	94	98	97	101
WHEATLAND #2	93	31	56	165	298
WOODRUFF NARROWS	85	47	78	109	181
TOTAL 27 RESERVOIRS	75	72	73	102	105

Raw KAF Totals Current=9915 Last Year=9472 Average=9705 Capacity=13231

BASIN SUMMARY of SNOTEL and SNOW COURSE DATA

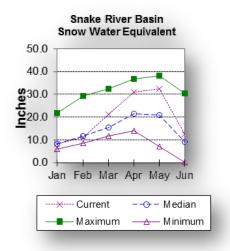
		JUNE	2014			
SNOW COURSE	ELEVATION	DATE	SNOW	WATER	LAST	MEDIAN
			DEPTH	CONTENT	YEAR	81-10
WYOMING Snow Course	and SNOTI	EL Stati	ons			
ARAPAHO RIDGE SNTL	10960	6/01/14	50	20.0	10.6	
BALD MOUNTAIN SNOTEL	9380	6/01/14	51	22.7	10.7	13.7
BASE CAMP SNOTEL	7030	6/01/14	0	.0	.0	.0
BATTLE MTN. SNOTEL	7440	6/01/14	0	.0	.0	.0
BEARTOOTH LK. SNOTEL	9280	6/01/14	63	27.3	14.9	17.1
BEAR RIVER RS SNOTEL	8780	6/01/14	0	. 0	.0	
BEAR TRAP SNOTEL	8200	6/01/14	0	. 0	.0	. 0
BIG GOOSE SNOTEL	7760	6/01/14	0	.0	.3	. 0
BIG SANDY SNOTEL	9080	6/01/14	0	.0	.0	. 0
BLACK BEAR SNOTEL	7950	6/01/14	60	27.9	14.0	24.5
BLACKS FORK JCT SNT	8870	6/01/14	0	. 0	.0	
BLACKHALL MTN SNOTEL	9820	6/01/14	50	24.7	11.2	
BLACKWATER SNOTEL	9780	6/01/14	55	25.0	17.1	19.6
BLIND BULL SNOTEL	8900	6/01/14	42	27.6	7.6	11.5
BLIND PARK SNOTEL	6870	6/01/14	0	.0	.0	.0
BONE SPGS. SNOTEL	9350	6/01/14	31	12.4	5.3	8.6
BROOKLYN LK. SNOTEL	10220	6/01/14	39	16.9	2.2	5.0
BUCK PASTURE SNOTEL	9700	6/01/14	0	.0	.0	
BUG LAKE SNOTEL	7950	6/01/14	0	.0	. 0	.0
BURGESS JCT. SNOTEL	7880	6/01/14	7	2.3	. 4	.0
BURTS-MILLER RANCH S	7860	6/01/14	0	.0	. 0	.0
CANYON SNOTEL	8090	6/01/14	0	.0	.0	.0
CASPER MTN. SNOTEL	7850	6/01/14	0	.0	.0	.0
CASTLE CREEK SNOTEL	8400	6/01/14	0	.0	.0	
CHALK CK #1 SNOTEL	9100	6/01/14	0	.0	1.4	6.0
CINNABAR PARK SNOTEL	9690	6/01/14	34	14.5	1.1	1.1
CLOUD PEAK SNOTEL	9850	6/01/14	36	14.1	6.8	5.1
COLE CANYON SNOTEL	5910	6/01/14	0	.0	.0	.0
COLD SPRINGS SNOTEL	9630	6/01/14	0	.0	.0	.0
COLUMBINE SNOTEL	9300	6/01/14	5	2.7	.0	.0
COTTONWOOD CR SNOTEL	7700	6/01/14		4.1	.0	.0
CROW CREEK SNOTEL	8830	6/01/14	0	.0	.0	.0
DEADMAN HILL SNOTEL	10200	6/01/14	37	19.0	8.0	7.8
DEER PARK SNOTEL	9700	6/01/14	13	4.1	.0	3.1
DIVIDE PEAK SNOTEL	8860	6/01/14	0	.0	.0	.0
DOME LAKE SNOTEL	8880	6/01/14	13	5.6	.3	.0
EF BLACKS FORK GS SN	9360	6/01/14	0	.0	.0	
EAST RIM DIV SNOTEL	7930	6/01/14	0	.0	.0	.0
ELKHART PARK SNOTEL	9400	6/01/14		.8	.0	.0
ELK RIVER SNOTEL	8600	6/01/14	0	.0	.0	.0
EVENING STAR SNOTEL	9200	6/01/14	64	28.8	6.9	17.8
FISHER CREEK SNOTEL	9100	6/01/14	74	37.1	24.5	28.1
GRAND TARGHEE SNOTEL	9260	6/01/14	83	39.5	31.0	40.0
GRANITE CRK SNOTEL	6770	6/01/14	0	.0	.0	.0
GRASSY LAKE SNOTEL	7270	6/01/14	16	6.7	.0	4.8
GRAVE SPRINGS SNOTEL	8550	6/01/14	0	.0	. 4	.0
GROS VENTRE SNOTEL	8750	6/01/14	0	.0	.0	.0
GUNSIGHT PASS SNOTEL	9820	6/01/14	16	8.4	1.5	2.8
HANSEN S.M. SNOTEL	8360	6/01/14	0	.0	.0	.0
HAMS FORK SNOTEL	7840	6/01/14	0	.0	.0	.0
HOBBS PARK SNOTEL	10100	6/01/14	11	4.1	1.1	6.1
INDIAN CREEK SNOTEL	9430	6/01/14		12.4	3.9	10.4
JOE WRIGHT SNOTEL	10000	6/01/14	44	26.7	12.9	13.9

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	MEDIAN 81-10
KELLEY R.S. SNOTEL	8180	6/01/14	0	.0	.0	.0
KENDALL R.S. SNOTEL	7740	6/01/14	0	.0	.0	.0
KIRWIN SNOTEL	9550	6/01/14	10	3.5	.0	1.7
LA PRELE SNOTEL	8380	6/01/14	0	.0	.0	.0
LARSEN CREEK SNOTEL	9020	6/01/14	0	.0	.0	.0
LEWIS LAKE SNOTEL	7850	6/01/14	35	15.1	.0	11.6
LITTLE GOOSE SNOTEL	8870		35 4	1.3		11.0
		6/01/14			.6	
LITTLE SNAKE RIVER	8920	6/01/14	17	6.5	. 0	1.9
LITTLE WARM SNOTEL	9370	6/01/14	0	. 0	. 0	. 0
LOOMIS PARK SNOTEL	8240	6/01/14		.5	. 0	.0
MADISON PLT SNOTEL	7750	6/01/14	17	5.9	.0	6.2
MARQUETTE SNOTEL	8760	6/01/14	0	. 0	.0	
MIDDLE POWDER SNOTE		6/01/14	0	. 0	. 0	. 0
NEVER SUMMER SNOTEL	10280	6/01/14	43	25.1	14.3	
NEW FORK SNOTEL	8340	6/01/14	0	. 0	. 0	. 0
N.E. ENTRANCE SNOTE		6/01/14	0	.0	.0	.0
NORTH FRENCH SNOTEL	10130	6/01/14	64	28.2	14.2	20.3
NORTH RAPID CK SNTL	6130	6/01/14	0	.0	.0	.0
OLD BATTLE SNOTEL	9920	6/01/14	63	32.4	18.5	23.9
OWL CREEK SNOTEL	8980	6/01/14	0	.0	.0	.0
PARKERS PEAK SNOTEL	9400	6/01/14	53	21.2	6.6	13.8
PHILLIPS BNCH SNOTE	L 8200	6/01/14	32	15.2	1.8	9.6
POCKET CREEK SNOTEL	9350	6/01/14	2	1.0	.0	
POWDER RVR.PASS SNTI	<u>9480</u>	6/01/14	2	.8	2.0	.0
RAWAH SNOTEL	9020	6/01/14	0	.0	.0	
RENO HILL SNOTEL	8500	6/01/14	3	2.2	.0	.0
ROACH SNOTEL	9400	6/01/14	22	7.7	.0	1.8
SAGE CK BASIN SNTL	7850	6/01/14	0	.0	. 0	.0
SALT RIVER SNOTEL	7600	6/01/14	0	.0	.0	.0
SAND LAKE SNOTEL	10050	6/01/14	72	37.3	18.0	20.4
SANDSTONE RS SNOTEL	8150	6/01/14	0	.0	.0	.0
SHELL CREEK SNOTEL	9580	6/01/14	31	11.5	8.4	8.9
SNAKE RV STA SNOTEL	6920	6/01/14	0	.0	.0	.0
SNIDER BASIN SNOTEL	8060	6/01/14	0	.0	.0	.0
SOLDIER PARK SNOTEL	8780	6/01/14	0	.0	.0	
SOUTH BRUSH SNOTEL	8440	6/01/14	0	.0	.0	.0
SOUTH PASS SNOTEL	9040	6/01/14	0	.0	.0	.2
SPRING CRK. SNOTEL		6/01/14				11.5
	9000		44	20.9	9.2	
ST LAWRENCE ALT SNTI		6/01/14	0	.0	.0	.0
SUCKER CREEK SNOTEL	8880	6/01/14	13	4.0	1.8	. 2
SYLVAN LAKE SNOTEL	8420	6/01/14	12	5.8	.0	6.6
SYLVAN ROAD SNOTEL	7120	6/01/14	0	.0	.0	.0
THUMB DIVIDE SNOTEL	7980	6/01/14	0	. 0	.0	.0
TIE CREEK SNOTEL	6870	6/01/14	0	. 0	.0	.0
TIMBER CREEK SNOTEL	7950	6/01/14	0	. 0	.0	.0
TOGWOTEE PASS SNOTE		6/01/14	48	22.8	11.5	19.0
TOWER SNOTEL	10000	6/01/14	98	42.4	25.8	36.3
TOWNSEND CRK SNOTEL	8700	6/01/14	0	. 0	. 0	. 0
TRIPLE PEAK SNOTEL	8500	6/01/14	20	7.4	. 0	.0
TWO OCEAN SNOTEL	9240	6/01/14	53	30.8	16.0	24.9
WEBBER SPRING SNOTE	<u>9250</u>	6/01/14	20	7.9	.0	.0
WHISKEY PARK SNOTEL	8950	6/01/14	25	12.7	1.7	6.3
WHITE MILL SNOTEL	8700	6/01/14	53	23.4	9.9	16.9
WILLOW CREEK SNOTEL	8450	6/01/14	19	8.9	1.0	3.8
WINDY PEAK SNOTEL	7900	6/01/14	0	.0	.0	.0
WOLVERINE SNOTEL	7650	6/01/14	0	.0	.0	.0
ZIRKEL SNOTEL	9340	6/01/14	25	13.8	.0	

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) above Palisades is 139% of median. SWE in the Snake River Basin above Jackson Lake is 127% of median. Pacific Creek Basin SWE is 124% of median. Buffalo Fork SWE is 120% of median. Gros Ventre River Basin SWE is 143% of median. SWE in the Hoback River drainage is 240% of median. SWE in the Greys River drainage is 257% of median. In the Salt River area SWE is 342% 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 about average last month. Monthly precipitation for the basin was 58% of average (84% last year). Last month's percentages range from 21-116% of average for the 29 reporting stations. Water-year-to-date precipitation is 115% of average for the Snake River Basin (89% last year). Year-to-date percentages range from 99-136% of average.

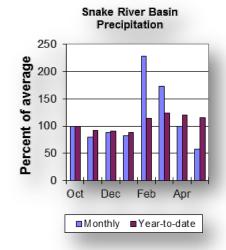
Reservoirs

Current reservoir storage is 91% of average for the 3 storage reservoirs in the basin. Grassy Lake storage is about 100% of average (14,300 ac-ft compared to 15,300 last year). Jackson Lake storage is 105% of average (636,600 ac-ft compared to 798,500 ac-ft last year). Palisades Reservoir storage is

year). Palisades Reservoir storage is about 83% of average (847,300 ac-ft compared to 751,100 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 June through September are above average for the basin. The Snake near Moran is 585,000 ac-ft (116% of average). Snake River above reservoir near Alpine is 1,870,000 ac-ft (116% of average). The Snake near Irwin is 2,580,000 ac-ft (118% of average). The Snake near Heise is 2,740,000 ac-ft (117% of average). Pacific Creek near Moran is 136,000 ac-



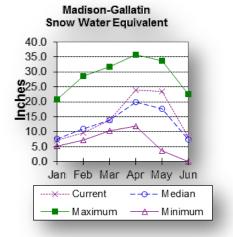
ft (142% of average). Buffalo Fork above Lava near Moran is 295,000 ac-ft (123% of average). Greys River above Palisades Reservoir is 275,000 ac-ft (128% of average). Salt River near Etna is 260,000 ac-ft (124% of average). See the following page for detailed runoff volumes.

Data Current as of: 6/5/2014 5:07:34 PM								
		Snake	River Ba	sin				
	Stream	flow For	ecasts	June 1, 20)14			
				edance Probat		sk Assessme	ent	
			Chance the	at actual volum	ne will excee	d forecast		
SNAKE RIVER BASIN	Forecast	90%	70%	50%	% Avg	30%	10%	30yr Avg
	Period	(KAF)	(KAF)	(KAF)	∕₀ Avy	(KAF)	(KAF)	(KAF)
Snake R nr Moran ^{1,2}								
	JUN-JUL	385	455	490	115%	525	595	425
4.2	JUN-SEP	455	545	585	116%	625	715	505
Snake R ab Reservoir nr Alpine ^{1,2}								
	JUN-JUL	1250	1430	1510	118%	1590	1770	1280
0 1 0 1 12	JUN-SEP	1530	1760	1870	116%	1980	2210	1610
Snake R nr Irwin ^{1,2}		1000	1000	2222	4400/	0.1.10	2112	.=
	JUN-JUL	1630	1900	2020	119%	2140	2410	1700
Chalca D nr Haina ²	JUN-SEP	2140	2440	2580	118%	2720	3020	2190
Snake R nr Heise ²	11 15 11 11	1010	2000	2120	1100/	2260	2450	1000
	JUN-JUL JUN-SEP	1810 2360	2000 2590	2130 2740	118% 117%	2260 2890	2450 3120	1800 2350
Pacific Ck at Moran	JUIN-SEP	2300	2090	214U	11770	2090	3120	2330
i domo on at moran	JUN-JUL	91	110	123	143%	136	155	86
	JUN-SEP	103	122	136	142%	150	169	96
Buffalo Fk ab Lava Ck nr Moran	00.102.	.00		.00	,			
	JUN-JUL	205	230	250	122%	270	295	205
	JUN-SEP	240	275	295	123%	315	350	240
Greys R ab Reservoir nr Alpine								
	JUN-JUL	187	200	210	128%	220	235	164
	JUN-SEP	240	260	275	128%	290	310	215
Salt R ab Reservoir nr Etna								
	JUN-JUL	118	152	175	122%	198	230	143
	JUN-SEP	184	230	260	124%	290	335	210
1) 90% and 10% exceedance probabilities								
2) Forecasts are for unimpaired flows. Ac	tual flow will be	e dependent d	n manageme	nt of upstream	reservoirs	and diversion	S	
Median value used in place of average								
Reservoir Storage	Current	Last Year	Average	Capacity				
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)				
GRASSY LAKE	14.3	15.3	14.3	15.2				
JACKSON LAKE	636.6	798.5	605.7	847.0				
PALISADES RES NR IRWIN	847.3	751.1	1027.0	1400.0				
Basin-wide Tota		1564.9	1647.0	2262.2				
# of reservoirs		3	3	3				
Watershed Snowpack Analysis	" (2::	0/ 14 "	Last Year					
June 1, 2014	# of Sites	% Median	% Median					
SNAKE above Jackson Lake	5	127%	39%					
PACIFIC CREEK	2	124%	64%					
BUFFALO FORK	1	120%	61%					
GROS VENTRE RIVER	3	143%	60%					
HOBACK RIVER	3	240%	66%					
GREYS RIVER	5	257%	66%					
SALT RIVER	3	342%	26%					
SNAKE RIVER BASIN	20	139%	57%					

Madison-Gallatin Rivers Basin

Snow

Snow water equivalent (SWE) is at 110% of median in the Madison-Gallatin drainage. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

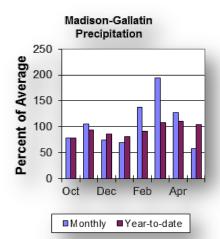
Last month precipitation in the Madison-Gallatin drainage was about 58% of average. The 6 reporting stations percentages range from 40-87% of average. Water-year-to-date precipitation is about 104% of average, which was 83% last year. Year to date percentage ranges from 93-122%.

Reservoirs

Ennis Lake is storing about 32,900 ac-ft of

water (80% of capacity, 92% of average or 103% last year). Hebgen

Lake is storing about 326,700 ac-ft of water (87% of capacity, 97% of average or 98% last year). Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

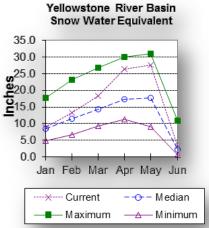
The 50% exceedance forecast for June through September is above average for the basin. Hebgen Reservoir inflow is 295,000 ac-ft (105% of average). See the following page for detailed runoff volumes.

Data Current as of: 6/5/2014 5:07:35 PM										
	Mad	lison-Gal	latin Rive	er Basins	3					
	Stream	flow For	ecasts	June 1, 20	014					
		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		` '		` '						
	JUN-JUL	151	177	194	109%	210	235	178		
	JUN-SEP	245	275	295	105%	315	345	280		
90% and 10% exceedance probabilities Forecasts are for unimpaired flows. Act Median value used in place of average			n managemei	nt of upstream	n reservoirs a	and diversion	S			
Reservoir Storage	Current	Last Year	Average	Capacity						
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)						
ENNIS LAKE - LOWER MADISON RES	32.9	36.6	35.6	41.0						
HEBGEN LAKE	326.7	331.0	336.2	377.5						
Basin-wide Total	359.5	367.6	371.8	418.5						
# of reservoirs	2	2	2	2						
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median							

Yellowstone River Basin

Snow

SWE in the Yellowstone River drainage is at 142% of median. The Clarks



Fork of the Yellowstone River drainage in Wyoming SWE is 150% 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 54% of average. The 17 reporting stations percentages range from 18-71% of average.

250

200

Yellowstone River Basin

Precipitation

Water-year-todate precipitation is about 121% of average, which was about 94%

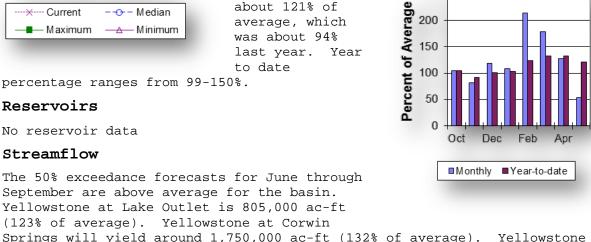
Reservoirs

No reservoir data

Streamflow

The 50% exceedance forecasts for June through September are above average for the basin. Yellowstone at Lake Outlet is 805,000 ac-ft (123% of average). Yellowstone at Corwin

Springs will yield around 1,750,000 ac-ft (132% of average). Yellowstone near Livingston will yield around 2,000,000 ac-ft (132% of average). Clarks Fork of the Yellowstone near Belfry 575,000 ac-ft (146% of average). See the following page for detailed runoff volumes.

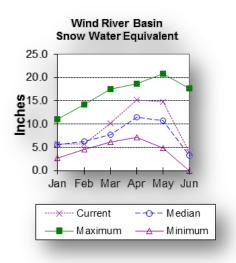


Data Current as of: 6/5/2014 5:07:37 PM								
Yellowstone River Basin	Streamfl	ow Fored	asts Jun	e 1, 201	4			
		Forecast Exceedanc						
YELLOWSTONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yellowstone R at Yellowstone Lake Outlet	•				-			
	JUN-JUL	505	550	580	125%	610	655	465
	JUN-SEP	700	765	805	123%	850	915	655
Yellowstone R at Corwin Springs								
	JUN-JUL	1200	1320	1400	135%	1490	1610	1040
	JUN-SEP	1480	1640	1750	132%	1860	2020	1330
Yellowstone R at Livingston								
	JUN-JUL	1350	1500	1610	136%	1710	1860	1180
	JUN-SEP	1680	1870	2000	132%	2140	2330	1520
Clarks Fk Yellowstone R nr Belfry ²								
•	JUN-JUL	440	480	505	144%	530	570	350
	JUN-SEP	490	540	575	146%	605	655	395
1) 90% and 10% exceedance probabilities	are actually 9	5% and 5%						
2) Forecasts are for unimpaired flows. Ac	tual flow will be	e dependent d	n managemer	nt of upstrea	m reservoirs a	and diversion	S	
3) Median value used in place of average								
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median					
YELLOWSTONE RIVER in WY	7	129%	64%					
CLARKS FORK in WY	8	150%	63%					

Wind River Basin

Snow

The Wind River Basin above Boysen Reservoir is 126% of median for snow water equivalent at this time of the year. SWE in the Wind River above Dubois is 120% of median. The Little Wind SWE is 67% of median, and the Popo Agie drainage SWE is about 87% 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 40-119% of average. Precipitation, for the basin, was about 81% of average from the 11 reporting stations. Water year-to-date precipitation is 100% of average and was about 78% last year at this time. Year-to-date percentages range from 69-123% of average.

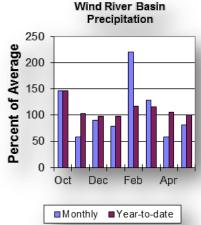
Reservoirs

Current storage in Bull Lake is about 124,500 ac-ft (141% of average) - the reservoir was 120% last year. Boysen Reservoir is storing about 116% of average (579,000 ac-ft) - the reservoir was about 101% last year. Pilot Butte is

at 93% of average (20,800 ac-ft) - the reservoir was at 121% 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 vary considerably but are above average overall. Dinwoody Creek near Burris is 90,000 ac-ft (113% of average). The Wind River above Bull Lake Creek is 440,000 ac-ft (121% of average). Bull Lake Creek near Lenore is 149,000 ac-ft (107% of average). Wind River at Riverton will yield around 520,000 ac-ft (121% of average). Little Popo Agie River near Lander is around 22,000 ac-ft (67% of average). South Fork of Little Wind near Fort Washakie will yield around 54,000 ac-ft (87% of average). Little Wind River



near Riverton will yield around 135,000 ac-ft (64% of average). Boysen Reservoir inflow will yield around 500,000 ac-ft (103% of average). See the following page for detailed runoff volumes.

Data Current as of: 6/5/2014 5:07:38 PM								
		Wind	River Ba	sin				
	Stream	flow For	ecasts	June 1, 20)14			
				edance Probal		isk Assessme	ent	
				at actual volun				
WIND RIVER BASIN	Forecast	90%	70%	50%	0/ Δ	30%	10%	30yr Avg
WIND RIVER BASIN	Period	(KAF)	(KAF)	(KAF)	% Avg	(KAF)	(KAF)	(KAF)
Dinwoody Ck nr Burris								
	JUN-JUL	52	57	61	115%	65	70	53
	JUN-SEP	77	85	90	113%	95	103	80
Wind R Ab Bull Lake Ck								
	JUN-JUL	305	360	400	121%	440	495	330
D. III. 1. OI. 1	JUN-SEP	330	395	440	121%	485	550	365
Bull Lake Ck nr Lenore					1000/			
	JUN-JUL	93	107	117	108%	127	141	108
Wind R at Riverton	JUN-SEP	117	136	149	107%	162	181	139
WITH R AL RIVERTON	JUN-JUL	335	390	430	123%	470	525	350
	JUN-SEP	405	470	520	123%	565	635	430
Little Popo Agie R nr Lander	JUN-SEF	403	470	320	121/0	303	033	450
Ettie i opo rigie it ili Edildei	JUN-JUL	10	13.8	16.4	61%	19.1	23	27
	JUN-SEP	14.4	18.7	22	67%	25	29	33
SF Little Wind R nr Fort Washakie	OCIT OLI		10.7		01 70			- 00
	JUN-JUL	28	38	45	85%	52	62	53
	JUN-SEP	35	46	54	87%	61	72	62
Little Wind R nr Riverton								
	JUN-JUL	18.7	72	108	59%	144	197	183
	JUN-SEP	30	92	135	64%	177	240	210
Boysen Reservoir Inflow								
	JUN-JUL	250	360	435	102%	510	620	425
	JUN-SEP	270	405	500	103%	595	730	485
1) 90% and 10% exceedance probabilities								
Forecasts are for unimpaired flows. Act	ual flow will be	dependent o	n manageme	nt of upstream	reservoirs	and diversion	S	
3) Median value used in place of average								
				_				
Reservoir Storage	Current	Last Year	Average	Capacity				
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)				
BULL LAKE	124.5	105.6	88.3	151.8				
BOYSEN	579.0	505.0	498.4	596.0				
PILOT BUTTE Basin-wide Total	20.8 724.3	26.9 637.5	22.3 609.0	31.6 779.4				
				-				
# of reservoirs	3	3	3	3				
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median					
WIND above Dubois	2	120%	61%					
LITTLE WIND	2	67%	18%					
POPO AGIE	4	87%	12%					
WIND RIVER BASIN	9	126%	45%					

Bighorn River Basin

Snow

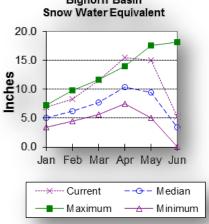
The Bighorn River Basin SWE above Bighorn Reservoir is at 155% of median. The Nowood River is melted out. The Greybull River SWE is at 206% of median. Shell Creek SWE is 149% of median. See the "Basin Summary of

Snow Course Data" at the front of this report for details.

Snow Water Equivalent

Precipitation

Last months a precipitation and 60% of



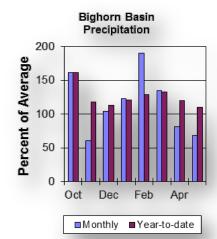
Last month's precipitation was 69% of average. Sites ranged from 48-106% of average for the month. Year-to-date precipitation is 110% of average; that was 97% last year at this time. Year-to-date percentages, from the 19 reporting stations, range from 83-146%.

Reservoirs

Boysen Reservoir is currently storing 579,000 ac-ft (116% of average). Bighorn

Lake is now at 750,500 ac-ft (89% of

average). Boysen was at 101% of average last year at this time and Big Horn Lake was at 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 forecasts for the June through September runoffs are anticipated to be well above average. Boysen Reservoir inflow should yield 500,000 ac-ft (103% of average); the Greybull River near Meeteetse should yield around 155,000 ac-ft (109% of average); Shell Creek near Shell should

yield around 58,000 ac-ft (126% of average) and the Bighorn River at Kane should yield around 715,000 ac-ft (113% of average). See the following page for detailed runoff volumes.

Data Current as of: 6/5/2014 5:07:40 PM								
	Stream	_	n River Ba ecasts - J	asin June 1, 20	014			
				edance Probal		sk Assessme	nt	
			Chance the	at actual volun	ne will excee	d forecast	7	
BIGHORN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Boysen Reservoir Inflow				(/		. (/		· (· · · · /
	JUN-JUL JUN-SEP	250 270	360 405	435 500	102% 103%	510 595	620 730	425 485
Greybull R nr Meeteetse								
	JUN-JUL JUN-SEP	80 122	95 142	105 155	109% 109%	115 168	130 188	96 142
Shell Ck nr Shell								
	JUN-JUL JUN-SEP	35 47	41 53	45 58	129% 126%	49 63	55 69	35 46
Bighorn R at Kane	JUIN-SEP	47	53	56	120%	03	69	46
	JUN-JUL	385	530	630	111%	725	870	570
	JUN-SEP	410	590	715	113%	835	1020	630
1) 90% and 10% exceedance probabilities	are actually 9	5% and 5%						
Forecasts are for unimpaired flows. Actu Median value used in place of average	ual flow will be	e dependent o	n managemei	nt of upstream	reservoirs	and diversion	S	
Reservoir Storage End of May, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)				
BOYSEN	579.0	505.0	498.4	596.0				
BIGHORN LAKE	750.5	908.2	848.0	1356.0				
Basin-wide Total	1329.5	1413.2	1346.4	1952.0				
# of reservoirs	2	2	2	2				
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median					
NOWOOD RIVER	4							
GREYBULL RIVER	2	206%	0%					
SHELL CREEK	3	149%	78%					
BIGHORN RIVER BASIN	10	155%	81%					

Shoshone River Basin

Snow

Snowpack in this basin is above median for this time of year. Snow Water Equivalent (SWE) is 135% of median in the Shoshone River Basin. See the

"Basin Summary of Snow Course Data" at the front of this report for details.

Shoshone River Basin Snow Water Equivalent 35.0 30.0 25.0 20.0 30.0 Jan Feb Mar Apr May Jun Current Maximum Minimum

Precipitation

Precipitation for last month was 46% of average (104% last year). Monthly percentages range from 19-69% of average. The basin year-to-date precipitation is now 127% of average (99% last year). Year-to-date percentages range from 97-168% of average for the 7 reporting stations.

Reservoirs

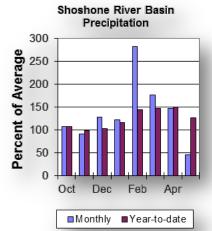
Current storage in Buffalo Bill Reservoir is about 122% of average (137 last year) - the reservoir is at about 73% of capacity. Currently, about 469,700 ac-ft are stored

n the

reservoir compared to 528,200 ac-ft last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The 50% exceedance forecasts for the June through September period are expected to be well above average for the basin. The North Fork Shoshone River at Wapiti is 480,000 acft (133% of average). The South Fork of the Shoshone River near Valley is 255,000 acft (135% of average), and the South Fork above Buffalo Bill Reservoir runoff is 230,000 acft (150% of average). The Buffalo Bill Reservoir inflow is expected to yield around



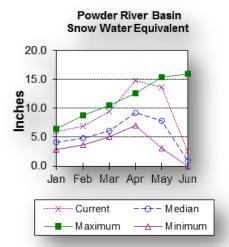
725,000 ac-ft (136% of average). See the following page for detailed runoff volumes.

Data Current as of: 6/5/2014 5:07:42 PM								
		Shoshor	ne River E	Basin				
	Stream	flow For	ocasts -	June 1, 20	11 4			
	Otrean			edance Proba		ek Assocsmo	nt	1
		Г		at actual volun			TIL	
			Chance in	at actual volur	ne will excee	u Torecasi		
SHOSHONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
NF Shoshone R at Wapiti		(,				. (,		. (/
	JUN-JUL	355	390	415	136%	435	470	305
	JUN-SEP	405	450	480	133%	510	550	360
SF Shoshone R nr Valley								
	JUN-JUL	189	205	215	137%	225	240	157
	JUN-SEP	220	240	255	135%	270	290	189
SF Shoshone R ab Buffalo Bill Reservoir								
	JUN-JUL	172	198	215	148%	230	260	145
	JUN-SEP	180	210	230	150%	250	280	153
Buffalo Bill Reservoir Inflow ²								
	JUN-JUL	530	590	630	135%	675	735	465
	JUN-SEP	595	670	725	136%	775	855	535
1) 90% and 10% exceedance probabilities								
2) Forecasts are for unimpaired flows. Act	ual flow will be	e dependent d	n manageme	nt of upstream	reservoirs	and diversion	S	
Median value used in place of average								
Reservoir Storage	Current	Last Year	Average	Capacity				
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)				
BUFFALO BILL	469.7	528.2	385.4	646.6				
Basin-wide Total	469.7	528.2	385.4	646.6				
# of reservoirs	1	1	1	1				
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median					
SHOSHONE RIVER BASIN	4	135%	55%					

Powder River Basin

Snow

Snow water equivalent (SWE) in the Powder River drainage is 292% of median. Upper Powder River drainage is melted out. SWE in the Clear



Creek drainage is 276% of SWE median. Crazy Woman Creek drainage SWE is 0.8". For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

Precipitation

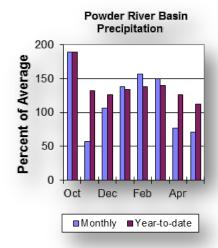
Last month's precipitation was 71% of average for the 9 reporting stations. Monthly percentages range from 07-112% of average. Year-to-date precipitation is 112% of average in the basin; this was 93% last year at this time. Precipitation for the year ranges from 94-129% of average.

Reservoirs

No reservoir data for the basin.

Streamflow

The 50% exceedance forecasts for the June through September period are expected to be well above average for the basin. The Middle Fork of the Powder River near Barnum is 7,800 ac-ft (137% of average). The North Fork of the Powder River near Hazelton should yield around 7,200 ac-ft (138% of average). Rock Creek near Buffalo will yield about 20,000 ac-ft (133% of average), and Piney Creek at Kearny should yield about 45,000 ac-ft (161% of average). The Powder River at Moorhead is 167,000 ac-ft (152% of average). The Powder River near Locate is 189,000 ac-ft (155% of average). See the following page for detailed runoff volumes.

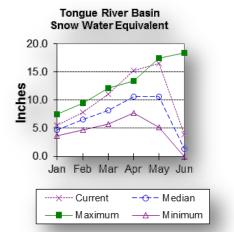


Data Current as of: 6/5/2014 5:07:44 PM	1							
		Powde	r River Ba	asin				
	Stream		ecasts - J	,				
		F	orecast Excee				nt	
			Chance tha	at actual volu	ıme will excee	d forecast	ĺ	
POWDER RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
MF Powder R nr Barnum		•		` '			, ,	, , ,
	JUN-JUL JUN-SEP	2.4 3.4	5 6	6.7 7.8	140% 137%	8.4 9.6	11 12.2	4.8 5.7
NF Powder R nr Hazelton	JUN-SEP	3.4	0	7.0	137%	9.6	12.2	5.7
14i i owdei it iii i iazeitoii	JUN-JUL	4	5.3	6.2	138%	7.1	8.4	4.5
	JUN-SEP	4.8	6.2	7.2	138%	8.2	9.6	5.2
Rock Ck nr Buffalo								
	JUN-JUL	11.7	14.3	16	142%	17.7	20	11.3
	JUN-SEP	14.9	17.9	20	133%	22	25	15
Piney Ck at Kearny								
	JUN-JUL	30	36	41	164%	46	52	25
	JUN-SEP	32	40	45	161%	50	58	28
Powder R at Moorehead								
	JUN-JUL	85	118	140	152%	162	194	92
	JUN-SEP	100	140	167	152%	193	235	110
Powder R nr Locate								
	JUN-JUL	85	128	157	155%	186	230	101
	JUN-SEP	98	152	189	155%	225	280	122
1) 90% and 10% exceedance probabilities	es are actually 9	5% and 5%						
Forecasts are for unimpaired flows. A			n managemer	nt of upstrea	m reservoirs a	and diversion	s	
Median value used in place of average		и поролиот п	- Trianagomo	n or apon on				
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median					
UPPER POWDER RIVER	4							
CLEAR CREEK	2	276%	133%					
CRAZY WOMAN CREEK	1	21070	10070					
POWDER RIVER BASIN	6	292%	180%					

Tongue River Basin

Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 276% of median. The Goose Creek drainage has SWE left. For more information see



"Basin Summary of Snow Course Data" at the beginning of this report.

Precipitation

Last month's precipitation was 74% of average for the 13 reporting stations. Monthly percentages range from 39-143% of average. Year-to-date precipitation is 117% of average in the basin; this was 96% last year at this time. Precipitation for the year ranges from 112-149% of average.

Reservoirs

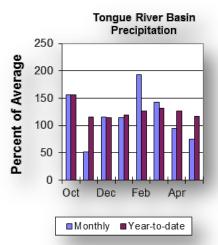
The Tongue River Reservoir currently is storing 83,500 ac-ft, while last year's

storage was 80,600

ac-ft. The Tongue River Reservoir is at 159% of average or 106% of capacity for this time of year.

Streamflow

The 50% exceedance forecasts for the June through September period are expected to be above average for the basin. The yield for Tongue River near Dayton is 80,000 ac-ft (129% of average). Big Goose Creek near Sheridan is 53,000 ac-ft (136% of average). Little Goose Creek near Bighorn is 36,000 ac-ft (133% of average). The Tongue River Reservoir Inflow is 189,000 ac-ft (141% of average). See the following page for detailed runoff volumes.

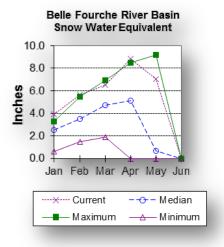


Data Current as of: 6/5/2014 5:07:45 PM		Tana	Divor D	noin				
	Stroom	•	River Ba	asın June 1, 20	14.4			
	Stream			edance Probab		sk Assessme	nt	1
				at actual volum				
			Oriance the	at actual volum	ic will chocc	a forceast		
TONGUE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tongue R nr Dayton								
	JUN-JUL	50	59	66	135%	72	82	49
	JUN-SEP	61	72	80	129%	87	99	62
Big Goose Ck nr Sheridan								
	JUN-JUL	36	41	45	145%	49	54	31
	JUN-SEP	43	49	53	136%	57	63	39
Little Goose Ck nr Bighorn								
	JUN-JUL	22	25	27	141%	29	32	19.1
	JUN-SEP	30	33	36	133%	39	42	27
Tongue River Reservoir Inflow								
	JUN-JUL	117	144	162	147%	180	205	110
	JUN-SEP	133	166	189	141%	210	245	134
1) 90% and 10% exceedance probabilities a	are actually 9	5% and 5%						
2) Forecasts are for unimpaired flows. Actu	ual flow will be	dependent o	n managemei	nt of upstream	reservoirs	and diversion:	s	
3) Median value used in place of average								
Reservoir Storage	Current	Last Year	Average	Capacity				
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)				
TONGUE RIVER RES	83.5	80.6	52.6	79.1				
Basin-wide Total	83.5	80.6	52.6	79.1				
# of reservoirs	1	1	1	1				
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median					
GOOSE CREEK	2							
TONGUE RIVER BASIN	6	276%	92%					

Belle Fourche River Basin

Snow

The Belle Fourche River Basin is melted out. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

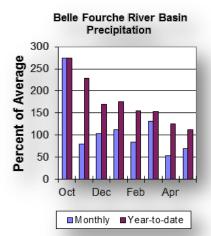
Precipitation for last month was 70% of average or 163% last year in the Black Hills. There were 5 reporting stations. Year-to-date precipitation is 112% of average and 101% last year.

Reservoirs

Belle Fourche Reservoir is storing 106% of average (164,800 ac-ft), about 92% of capacity. Keyhole Reservoir is storing 174% of average (175,900 ac-ft), about 91% of

capacity.
Shadehill
Reservoir is
storing 118% of
average (72,500

ac-ft), about 89% 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.

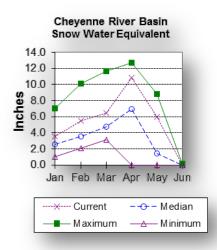
Data Current as of: 6/5/2014 5:07:47 PM					
Belle	Fourch	e River	Basin -	June 1	, 2014
Reservoir Storage	Current	Last Year	Average	Capacity	
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)	
BELLE FOURCHE	164.8	150.5	155.1	178.4	
KEYHOLE	175.9	153.8	100.9	193.8	
SHADEHILL	72.5	44.4	61.4	81.4	
Basin-wide Total	413.2	348.7	317.4	453.6	
# of reservoirs	3	3	3	3	
Watershed Snowpack Analysis	# of Citos	0/ Madian	Last Year		
June 1, 2014	# Or Sites	% Median	% Median		
BELLE FOURCHE RIVER BASIN	1				

Cheyenne River Basin

Snow

The Cheyenne River Basin is melted out. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

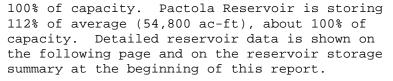
Precipitation

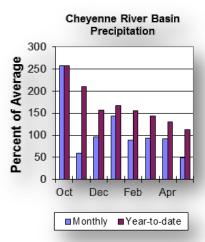


Precipitation for last month was 49% of average or 176% last year in the Black Hills. There were 3 reporting stations. Year-to-date precipitation is 113% of average and 115% last year.

Reservoirs

Angostura is currently storing 110% of average (111,400 ac-ft), about 91% of capacity. Deerfield reservoir is storing 107% of average (15,300 ac-ft), about





Streamflow

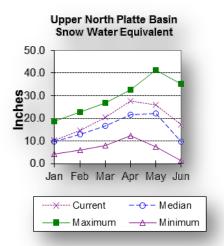
The following runoff values are the 50% exceedance forecasts for the June through July period. The Deerfield Reservoir Inflow is expected to be 3,400 ac-ft (148% of average). Pactola Reservoir Inflow is expected to yield around 15,500 ac-ft (148% of average). See the following for detailed runoff volumes.

Data Current as of: 6/5/2014 5:07:49 PM										
		Chevenn	ne River E	Basin						
	Stream	-		June 1, 20	014					
	Otrean			edance Proba		sk Assessme	nt			
		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		,	` '	•						
	JUN-JUL	0.6	2.1	3.4	148%	4.7	6.6	2.3		
Pactola Reservoir Inflow										
	JUN-JUL	1.7	8.9	15.5	148%	22	32	10.5		
1) 90% and 10% exceedance probabilities a	•									
Forecasts are for unimpaired flows. Actu Median value used in place of average	iai tiow wiii de	e dependent d	n manageme	nt or upstream	1 reservoirs	and diversion	S			
Reservoir Storage End of May, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)						
ANGOSTURA	111.4		101.3	122.1						
DEERFIELD	15.3	15.4	14.3	15.2						
PACTOLA	54.8	53.8	48.9	55.0						
Basin-wide Total	181.5	148.9	164.5	192.3						
# of reservoirs	3	3	3	3						
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median							
CHEYENNE RIVER BASIN	2									

Upper North Platte River Basin

Snow

The sites above Seminoe Reservoir are showing about 177% of median (SWE) for this time of the year. SWE in the drainage area above Northgate is 187% of median at this time. SWE in the Encampment River drainage is about 175% of median. Brush Creek SWE for the year is about 139% of



median. Medicine Bow and Rock Creek drainages SWE are about 183% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

Precipitation

Eighteen reporting stations show last month's precipitation at 145% of average or 67% last year. Precipitation varied from 52-254% of average last month. Total water-year-to-date precipitation is about 122% of average for the basin, which was 88% last year. Year to date percentage ranges from 87-125% of average.

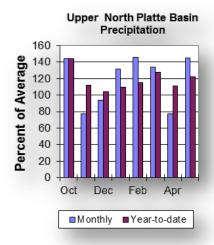
Reservoirs

Seminoe Reservoir is estimated to be storing 696,500 ac-ft or 69% of capacity. Seminoe Reservoir is also storing about 115% of average for this

time of the year and was 95% 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 June 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 200,000 ac-ft (137% of average). The Encampment River near Encampment is 114,000 ac-ft (136% of average). Rock Creek near Arlington is 52,000 ac-ft (149% of average).



Seminoe Reservoir inflow should be around 610,000 ac-ft (137% of average). See the following table for more detailed information on projected runoff.

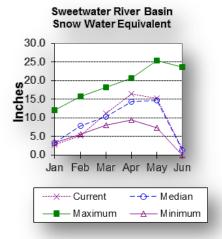
Data Current as of: 6/5/2014 5:07:50 PM								
	Upp	er North	Platte Ri	ver Basin				
			ecasts					
			orecast Excee			isk Assessme	nt	
			Chance the	at actual volun	ne will excee	ed forecast		
UPPER NORTH PLATTE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
North Platte R nr Northgate			·					
	JUN-JUL	123	149	167	136%	185	210	123
	JUN-SEP	146	178	200	137%	220	255	146
Encampment R nr Encampment ²								
	JUN-JUL	79	94	104	139%	114	129	75
	JUN-SEP	87	103	114	136%	125	141	84
Rock Ck nr Arlington								
	JUN-JUL	42	46	49	153%	52	56	32
	JUN-SEP	44	49	52	149%	55	60	35
Sweetwater R nr Alcova								
	JUN-JUL	1.21	8.2	13	50%	17.8	25	26
	JUN-SEP	1.7	10.2	16	52%	22	30	31
Seminoe Reservoir Inflow								
	JUN-JUL	405	490	550	141%	610	695	390
	JUN-SEP	435	540	610	137%	680	785	445
1) 90% and 10% exceedance probabilities	oro ootuolly O	E0/ and E0/						
Forecasts are for unimpaired flows. Act			n managama	nt of upotroom	rocornoiro	and diversion		
Median value used in place of average	uai now will be	е аерепаеті с	ninanageme	ni or upstream	i reservoirs	and diversion	5	
5) Median value used in place of average								
Reservoir Storage	Current	Last Year	Average	Capacity				
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)				
SEMINOE	696.5	578.1		1016.7				
Basin-wide Total	696.5	578.1	607.1	1016.7				
# of reservoirs	1	1	1	1010.7				
# 61 10001 V6110	·		•	•				
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median					
N PLATTE above Northgate	9	187%	86%					
ENCAMPMENT RIVER	3	175%	67%					
BRUSH CREEK	2	139%	70%					
MEDICINE BOW & ROCK CREEKS	1	183%	88%					
UPPER NORTH PLATTE RIVER BASIN	17	177%	80%					

Sweetwater River Basin

Snow

SWE for the Sweetwater River Basin is at 124% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of

this report.

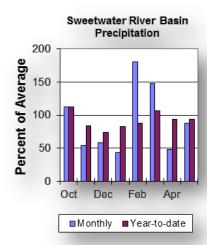


Precipitation

Last month's precipitation was 88% of average for the 4 reporting stations (75-121%). The water year-to-date precipitation for the basin is currently 94% of average. Year-to-date percentages range from 83-136% of average.

Reservoirs

Reservoir storage is as follows: Pathfinder 516,800 ac-ft (82% of average).



Streamflow

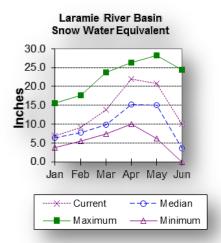
The following yield is based on the 50% exceedance forecast for the June through September period, and is expected to be below average. The Sweetwater River near Pathfinder is forecast to yield about 16,000 ac-ft (52% of average). See the following table for more detailed information on projected runoff.

Data Current as of: 6/5/2014 5:07:52 PM										
		Sweetwa	ter River	Basin						
	Stream	flow For	ecasts	June 1, 20	014					
		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										
	JUN-JUL JUN-SEP	1.21 1.7	8.2 10.2	13 16	50% 52%	17.8 22	25 30	26 31		
1) 90% and 10% exceedance probabilities 2) Forecasts are for unimpaired flows. Act			n manageme	nt of upstream	n reservoirs	and diversion	S			
Median value used in place of average										
Reservoir Storage End of May, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)						
PATHFINDER	516.8	397.6	633.8	1016.5						
Basin-wide Total	516.8	397.6	633.8	1016.5						
# of reservoirs	1	1	1	1						
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median							
SWEETWATER RIVER BASIN	3	124%	0%							

Laramie River Basin

Snow

SWE for the Laramie River above Laramie is 278% of median. SWE for the



Little Laramie River is 515% of median. The SWE total for the entire Laramie River Basin (above mouth entering North Platte) is 370% of median. SWE total for the entire North Platte River Basin above Torrington is at 185% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

Precipitation

Last month's precipitation was 148% of average or 67% last year. For the 12 reporting stations, percentages for the month range from 88-254%. The water year-to-date precipitation for the basin is currently 128% of average (83% last year). Year-to-date percentages range

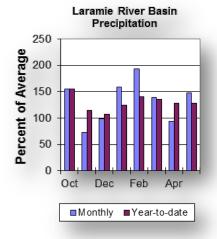
from 91-150% of average.

Reservoirs

Reservoir storage is as follows: Wheatland #2 92,100 ac-ft (165% of average)(93% of capacity).

Streamflow

The following yields are based on the 50% exceedance forecasts for the June through September period, and are expected to be above average. Laramie River near Woods Landing should yield around 123,000 ac-ft (150% of average). The Little Laramie near Filmore should produce about 57,000 ac-ft (146% of average). See the following table for more detailed information on projected runoff.

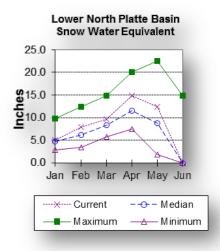


i illiormation on p	rojec	cea re	illorr.					
Data Current as of: 6/5/2014 5:07:55 PM								
		Laramie	River Ba	asin				
	Stream	flow For	ecasts	June 1, 20	014			
		Fo	orecast Excee	edance Probat	oilities for Ri	sk Assessme	nt	1
			Chance the	at actual volun	ne will excee	d forecast		
LARAMIE RIVER BASIN	Forecast	90%	70%	50%	% Avq	30%	10%	30yr Avg
	Period	(KAF)	(KAF)	(KAF)	70 7 Ng	(KAF)	(KAF)	(KAF)
Laramie R nr Woods								
	JUN-JUL	85	98	107	151%	116	129	71
	JUN-SEP	98	113	123	150%	133	148	82
Little Laramie R nr Filmore								
	JUN-JUL	41	47	51	146%	54	60	35
	JUN-SEP	46	53	57	146%	61	68	39
1) 90% and 10% exceedance probabilities	are actually 9	5% and 5%						
2) Forecasts are for unimpaired flows. Acti	ual flow will be	dependent o	n manageme	nt of upstream	reservoirs a	and diversion	S	
3) Median value used in place of average		·	· ·					
Reservoir Storage	Current	Last Year	Average	Capacity				
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)				
WHEATLAND #2	92.1	30.9	55.7	98.9				
Basin-wide Total	92.1	30.9	55.7	98.9				
# of reservoirs	1	1	1	1				
Watershed Snowpack Analysis	# of Sites	% Median	Last Year % Median					
June 1, 2014								
· · · · · · · · · · · · · · · · · · ·	4	278%	83%					
ARAMIE RIVER abv Laramie	4 2	278% 515%	83% 54%					
June 1, 2014 LARAMIE RIVER abv Laramie LITTLE LARAMIE RIVER LARAMIE RIVER BASIN								

Lower North Platte River Basin

Snow

Reno Hill still has 2.2" of SWE, but the other SNOTELS are melted out. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Last month's precipitation was 101% of average. Of the 7 reporting stations, percentages for the month range from 35-129%. The water year-to-date precipitation for the basin is currently 117% of average (78% last year). Year-to-date percentages range from 100-150% of average.

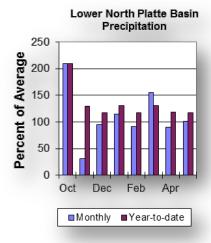
Reservoirs

Reservoir storage is as follows: Alcova 179,800 ac-ft (100% of average)(98% of capacity); Glendo 485,100 ac-ft (102% of average)(96% of capacity); Guernsey 29,900 ac-ft (87% of average)(66% of capacity); Pathfinder

516,800 ac-ft (82% of average)(51% of capacity).

Streamflow

The following yields are based on the 50% exceedance forecasts for the June through September period, and are expected to be above average. North Platte - Alcova to Orin Gain is forecast to yield ---- ac-ft. La Prele Creek above La Prele Reservoir 5,500 ac-ft (115% of average). North Platte River below Glendo Reservoir is 550,000 ac-ft (136% of average), and below Guernsey Reservoir is anticipated to yield around 590,000 ac-ft (148% of average). See the following table for more detailed information on projected runoff.



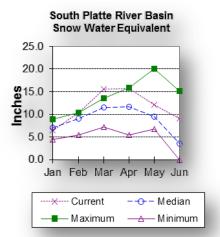
	Low	er North	Platte Ri	ver Basin				
	Stream	flow For	ecasts	June 1, 20)14			
	Ju Jui			dance Probat		sk Assessme	nt	1
				at actual volum				
LOWER NORTH PLATTE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
La Prele Ck ab La Prele Reservoir		, ,					-	
	JUN-JUL	0.98	3.5	5.2	116%	6.9	9.4	4.5
	JUN-SEP	1.37	3.8	5.5	115%	7.2	9.6	4.8
North Platte R bl Glendo Reservoir								
	JUN-JUL	420	485	530	141%	575	640	375
	JUN-SEP	430	500	550	136%	600	670	405
North Platte R bl Guernsey Reservoir								
	JUN-JUL	420	500	555	150%	610	690	370
	JUN-SEP	445	530	590	148%	650	735	400
1) 90% and 10% exceedance probabilities a	are actually 9	5% and 5%						
2) Forecasts are for unimpaired flows. Actu			n managemei	nt of unetream	recennire	and diversion	_	
				it of upon carr	i i esei voii s d	and diversion	S	
Median value used in place of average			managomo	it or upstream	reservoirs e	and diversion	S	
	Current	Last Voor	9		Teser voirs a	and diversion	S	
Reservoir Storage	Current	Last Year	Average	Capacity	Teser voirs a	and diversion	S	
Reservoir Storage End of May, 2014	(KAF)	(KAF)	Average (KAF)	Capacity (KAF)	Tesel Wils a	and diversion	S	
Reservoir Storage End of May, 2014 ALCOVA	(KAF) 179.8	(KAF) 180.7	Average (KAF) 179.7	Capacity (KAF) 184.3	Teser voil's a	and diversion	S	
Reservoir Storage End of May, 2014 ALCOVA GLENDO	(KAF) 179.8 485.1	(KAF) 180.7 425.7	Average (KAF) 179.7 475.0	Capacity (KAF) 184.3 506.4	Teser voll's a	and diversion	S	
Reservoir Storage End of May, 2014 ALCOVA GLENDO GUERNSEY	(KAF) 179.8 485.1 29.9	(KAF) 180.7 425.7 8.4	Average (KAF) 179.7 475.0 34.3	Capacity (KAF) 184.3 506.4 45.6	Teser voll s a	and diversion	S	
Reservoir Storage End of May, 2014 ALCOVA GLENDO GUERNSEY	(KAF) 179.8 485.1	(KAF) 180.7 425.7 8.4 397.6	Average (KAF) 179.7 475.0	Capacity (KAF) 184.3 506.4	Teser voil s c	and diversion	S	
Reservoir Storage End of May, 2014 ALCOVA GLENDO GUERNSEY PATHFINDER	(KAF) 179.8 485.1 29.9 516.8	(KAF) 180.7 425.7 8.4	Average (KAF) 179.7 475.0 34.3 633.8	Capacity (KAF) 184.3 506.4 45.6 1016.5	Tesel volls d	and diversion	S	
Reservoir Storage End of May, 2014 ALCOVA GLENDO GUERNSEY PATHFINDER Basin-wide Total	(KAF) 179.8 485.1 29.9 516.8 1211.6	(KAF) 180.7 425.7 8.4 397.6 1012.4	Average (KAF) 179.7 475.0 34.3 633.8 1322.8	Capacity (KAF) 184.3 506.4 45.6 1016.5 1752.8	Tesel volls d	and diversion	S	
Reservoir Storage End of May, 2014 ALCOVA GLENDO GUERNSEY PATHFINDER Basin-wide Total # of reservoirs Watershed Snowpack Analysis	(KAF) 179.8 485.1 29.9 516.8 1211.6	(KAF) 180.7 425.7 8.4 397.6 1012.4	Average (KAF) 179.7 475.0 34.3 633.8 1322.8 4 Last Year	Capacity (KAF) 184.3 506.4 45.6 1016.5 1752.8	Tesel volls d	and diversion	S	

South Platte River Basin (WY)

Snow

SWE for the South Platte River Basin is at 251% of median. For more

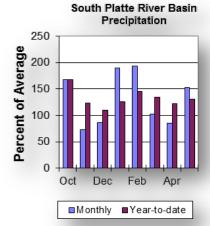
information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Last month's precipitation was 153% of average for the 6 reporting stations. The water year-to-date precipitation for the basin is currently 131% of average (94% last year). Year-to-date percentages range from 119-140% of

average.



Reservoirs

No reservoir data for the basin.

Streamflow

There are no streamflow forecast points for the basin.

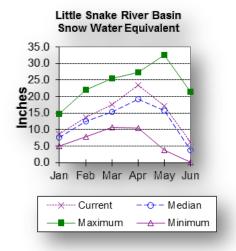
Data Current as of: 6/5/2014 5:07:57 PM					
Sou	th Platte	e River	Basin -	June 1,	2014
Watershed Snowpack Analysis	# of Sitos	% Modian	Last Year		
June 1, 2014	# of Sites	70 IVICUIAIT	% Median		
SOUTH PLATTE RIVER BASIN	4	251%	105%		

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 161% of median. For more information see "Basin Summary of Snow Course

Data" at the beginning of this report.



Precipitation

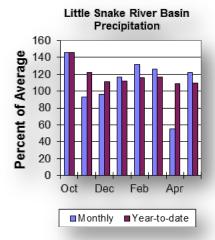
Precipitation across the basin was 122% of average for the 9 reporting stations. Last month's precipitation ranged from 76-169% of average. The Little Snake River Basin water-year-to-date precipitation is currently 110% of average (82% last year). Year-to-date percentages

range from 91-136% of average.

Reservoirs

High Savery
Dam - 20,400
ac-ft (94% of

average)(91% of capacity).



Streamflow

The following yields are based on the 50% exceedance forecasts for the June through July period, and are expected to be above average. The Little Snake River near Slater should yield around 75,000 ac-ft (114% of average). The Little Snake River near Dixon is estimated to yield around 140,000 ac-ft (104% of

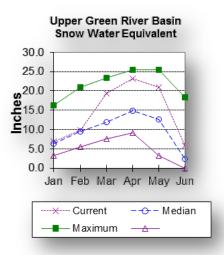
average). See the following table for more detailed information on projected runoff.

projected ranorr.											
Data Current as of: 6/5/2014 5:07:58 PM											
	ı	_ittle Sna	ke River	Basin							
	Stroam	flow For	ocaete -	June 1, 20	11.1						
	Stream					-I- A		_			
		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast									
		Chance that actual volume will exceed forecast									
	Forecast	90%	70%	50%		30%	10%	30yr Avg			
LITTLE SNAKE RIVER BASIN	Period	(KAF)	(KAF)	(KAF)	% Avg	(KAF)	(KAF)	(KAF)			
Little Snake R nr Slater ²		(/	(/	(,		. (/	. (/	. (/			
	APR-JUL	182	195	205	131%	215	230	156			
	JUN-JUL	52	65	75	114%	86	102	66			
Little Snake R nr Dixon ²											
	APR-JUL	310	345	370	107%	395	440	345			
	JUN-JUL	83	115	140	104%	167	210	135			
1) 90% and 10% exceedance probabilities a	are actually 9	5% and 5%									
2) Forecasts are for unimpaired flows. Actu	ual flow will be	dependent o	n managemei	nt of upstream	reservoirs	and diversion	S				
3) Median value used in place of average											
Reservoir Storage	Current	Last Year	Average	Capacity							
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)							
HIGH SAVERY RESERVOIR	20.4	12.4	21.6	22.4							
Basin-wide Total	20.4	12.4	21.6	22.4							
# of reservoirs	1	1	1	1							
Watershed Snowpack Analysis	# of Sites	% Median	Last Year								
June 1, 2014	# UI SILES	/o IVICUIAIT	% Median								
LITTLE SNAKE RIVER BASIN	8	161%	63%								

Upper Green River Basin

Snow

SWE in the Upper Green River Basin above Fontenelle Reservoir is about 254% of median. SWE in the Green River Basin above Warren Bridge is about



318% of median. SWE for the West Side of Upper Green River Basin is about 243% of median. New Fork River still has SWE to melt out. Big Sandy-Eden Valley Basin is melted out. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

Precipitation

The 16 reporting precipitation sites in the basin were 74% of average last month (73% last year). Last month's precipitation varied from 46-137% of average. Water year-to-date precipitation is about 119% of average (82% last year). Year to date percentage of average ranges from 64-144% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 23,600 ac-ft, or 62% of capacity and 81% of average. Fontenelle Reservoir is 185,900 ac-ft (54% of capacity)(113% 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 June through July period, and are expected to be well above average. The yield on the Green River at Warren Bridge is 210,000 ac-ft (125% of average). Pine Creek above Fremont Lake is 83,000 ac-ft (109% of average). New Fork River near Big Piney is 320,000 ac-ft (125% of average). Fontenelle Reservoir Inflow is estimated to be 660,000 ac-ft (139% of average), and Big Sandy near Farson is expected to be around 32,000 ac-ft (94% of average).



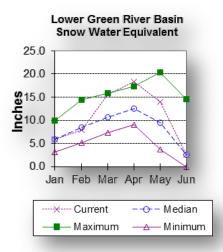
See the following table for more detailed information on projected runoff.

Data Current as of: 6/5/2014 5:08:00 PM								
			en River					
	Stream		ecasts - c					_
		F	orecast Excee				nt	
			Chance that	at actual volum	ne will excee	d 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 JUN-JUL	260 154	295 186	320 210	131% 125%	345 235	385 275	245 168
Pine Creek ab Fremont Lake								
	APR-JUL	90	103	112	114%	122	137	98
	JUN-JUL	61	74	83	109%	93	108	76
New Fork R nr Big Piney								
	APR-JUL	385	430	460	130%	490	540	355
	JUN-JUL	245	290	320	125%	350	400	255
Fontenelle Reservoir Inflow								
	APR-JUL	850	955	1030	142%	1120	1250	725
D: 0 1 D E	JUN-JUL	475	580	660	139%	745	875	475
Big Sandy R nr Farson			10	10				
	APR-JUL	35	43	49	94%	56	68	52
	JUN-JUL	17.7	26	32	94%	39	51	34
90% and 10% exceedance probabilities a Forecasts are for unimpaired flows. Actu Median value used in place of average			on managemer	nt of upstream	reservoirs	and diversion	S	
Reservoir Storage	Current	Last Year	Average	Capacity (KAF)				
End of May, 2014 BIG SANDY	(KAF) 23.6	(KAF) 22.1	(KAF) 29.1	38.3				
FONTENELLE	185.9	184.0	164.0	344.8				
Basin-wide Total	209.5	206.1	193.1	383.1				
# of reservoirs	203.3	200.1	2	2				
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median					
GREEN above Warren Bridge	5	318%	54%					
UPPER GREEN - West Side	4	243%	73%					
NEWFORK RIVER	2							
BIG SANDY-EDEN VALLEY	2							
GREEN above Fontenelle	12	254%	71%					

Lower Green River Basin

Snow

SWE in the Lower Green River Basin is 101% of median. SWE in the Hams Fork drainage is 119% of median. Blacks Fork drainage SWE is currently 81% of median. Henrys Fork SWE has melted out. SWE for the entire Green



River Basin (above Flaming Gorge) is 188% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

Precipitation

Precipitation for the 12 reporting stations during last month was at 93% of average or 70% last year. Precipitation ranged from 40-134% of average for the month. The basin year-to-date precipitation is currently 102% of average (85% last year). Year-to-date percentages range from 65-145% of average.

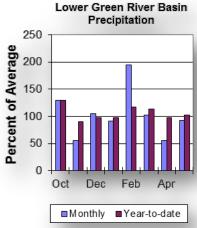
Reservoirs

Fontenelle Reservoir is currently storing 185,900 ac-ft; this is 113% of average (112% last year), (54% of capacity). Flaming Gorge is currently storing 3,185,000 ac-ft;

this is 104% of average (98% last year), (85% of capacity). Viva Naughton is currently storing 40,100 ac-ft, 97% of average (96% last year), (95% 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 June through July period, and are expected to be above average. The Green River near Green River is forecast to yield about 690,000 ac-ft (144% of average). The Blacks Fork near Robertson is forecast to yield 44,000 ac-ft (75% of average). East Fork of Smiths Fork near Robertson is forecast to yield 14,000 ac-ft (79% of average). Hams Fork below Pole Creek near Frontier is forecast to be 28,000 ac-ft (108% of average). The Hams Fork Inflow to Viva Naughton Reservoir is forecast to be 32,000 ac-ft (103% of



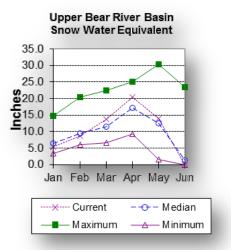
average). The Flaming Gorge Reservoir inflow will be about 760,000 ac-ft (127% of average). See the following table for more detailed information on projected runoff.

Data Current as of: 6/5/2014 5:08:01 PM								
	L	ower Gre	een River	Basin				
	Stream	flow For	ecasts	June 1, 20)14			
		F	orecast Excee	edance Probab	oilities for Ri	sk Assessme	nt	
			Chance th	<u>at actual volun</u>	ne will excee	d forecast		_
		2001	=00/	=00/		000/	400/	00.4
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	845	960	1050	144%	1140	1280	730
	JUN-JUL	490	605	690	144%	780	925	480
Blacks Fk nr Robertson								
	APR-JUL	76	84	90	101%	96	107	89
2	JUN-JUL	30	38	44	75%	50	61	59
EF of Smiths Fork nr Robertson ²								
	APR-JUL	21	24	27	100%	30	34	27
	JUN-JUL	8.3	11.5	14	79%	16.7	21	17.7
Hams Fk bl Pole Ck nr Frontier								
	APR-JUL	64	68	72	133%	76	82	54
)" N 11 D : 1 0	JUN-JUL	19.6	24	28	108%	32	38	26
Viva Naughton Reservoir Inflow					1000/		100	
	APR-JUL	76	83	89	120%	95	106	74
FI : 0 B : 1 (1 2	JUN-JUL	18.5	26	32	103%	38	49	31
Flaming Gorge Reservoir Inflow ²				1000	10.101	1000		
	APR-JUL	990	1130	1220	124%	1330	1490	980
	JUN-JUL	530	665	760	127%	865	1030	600
1) 90% and 10% exceedance probabilities a	ara aatuallu O	E0/ and E0/						
Forecasts are for unimpaired flows. Actu			n managama	nt of upotroom	rocomoiro	ond diversion	•	
Forecasts are for unimpaired flows. Action (a) Median value used in place of average	ual now will be	е аерепаеть с	n managemei	ni or upstream	reservoirs	and diversion	S	
3) iviedian value used in place of average								
Reservoir Storage	Current	Last Year	Average	Capacity				
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)				
FONTENELLE	185.9	184.0	164.0	344.8				
FLAMING GORGE RESERVOIR	3185.0	3019.0	3070.0	3749.0				
VIVA NAUGHTON RES	40.1	39.9	41.5	42.4				
Basin-wide Total	3411.0	3242.9	3275.5	4136.2				
# of reservoirs	3	3	3	3				
Watershed Snowpack Analysis June 1, 2014	# of Sites	% Median	Last Year % Median					
HAMS FORK RIVER	3	119%	38%					
BLACKS FORK	2	81%	48%					
HENRYS FORK	2		3,10					
LOWER GREEN RIVER BASIN	7	101%	42%					

Upper Bear River Basin

Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 0% of median. SWE in the Wyoming portion of the Bear



SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is at 0% of median. Bear River Basin SWE, above the Idaho State line, is 0% of median. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

Precipitation

Precipitation for last month was 66% of average for the 9 reporting stations; this was 64% last year. The year-to-date precipitation, for the basin, is 96% of average; this was 81% last year.). Year-to-date percentages range from 54-112% of average.

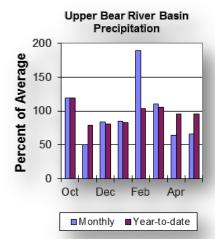
Reservoirs

Storage in Woodruff Narrows Reservoir was 48,700 ac-ft, about 85% of capacity and

109% of average.

Streamflow

The following 50% exceedance forecasts are for the June through September period, and are expected to be slightly below average. The Bear River near the Utah-Wyoming State Line is 68,000 ac-ft (87% of average). The Bear River above Reservoir near Woodruff is 52,000 ac-ft (81% of average). The Smiths Fork River near Border Jct. is 80,000 ac-ft (123% of average). See the following table for more detailed information on projected runoff.



Data Current as of: 6/5/2014 5:08:03 PM								
	Upj	oer Bear	River Bas	sin				
5	Streamflo	w Foreca	sts - Jun	e 1, 2014				
				edance Proba		sk Assessme	nt	
			Chance the	at actual volun	ne will excee	d forecast		
UPPER BEAR RIVER BASIN	Forecast	90%	70%	50%	% Avg	30%	10%	30yr Avç
	Period	(KAF)	(KAF)	(KAF)	70 AVg	(KAF)	(KAF)	(KAF)
Bear R nr UT-WY State Line								
	APR-JUL	83	95	103	92%	111	123	112
	APR-SEP	83	98	115	93%	117	131	123
	JUN-JUL	41	51	57	86%	64	74	66
	JUN-SEP	49	60	68	87%	76	87	78
Bear R ab Resv nr Woodruff								
	APR-JUL	81	100	112	93%	125	144	121
	APR-SEP	84	102	115	90%	128	146	128
	JUN-JUL	29	41	49	86%	58	70	57
	JUN-SEP	22	35	52	81%	53	66	64
Smiths Fk nr Border								
	APR-JUL	99.47	108.47	107.47	121%	119.47	128.47	89
	APR-SEP	107.47	118.47	125.47	121%	131.47	142.47	104
	JUN-JUL	54	63	62	124%	74	83	50
	JUN-SEP	62	73	80	123%	86	97	65
1) 90% and 10% exceedance probabilities are actual	lly 95% and 5	5%						
2) Forecasts are for unimpaired flows. Actual flow w	ill be depende	ent on manage	ement of upst	ream reservoi	rs and divers	sions		
Median value used in place of average								
Reservoir Storage	Current	Last Year	Average	Capacity				
End of May, 2014	(KAF)	(KAF)	(KAF)	(KAF)				
WOODRUFF NARROWS RESERVOIR	48.7	26.9	44.8	57.3				
Basin-wide Total	48.7	26.9	44.8	57.3				
# of reservoirs	1	1	1	1				
Watershed Snowpack Analysis			Last Year					
June 1, 2014	# of Sites	% Median	% Median					
Julie 1, 2014								
*	3	0%	23%					
UPPER BEAR RIVER in Utah SMITHS & THOMAS FORKS	3 2	0%	23%					

State of Wyoming SWE 192% of Median

NORTHWEST

Basin Total %s 143% Number Courses 43

NORTHEAST

Basin Total %s 282% Number Courses 12

SOUTHEAST

Basin Total %s 177% Number Courses 20

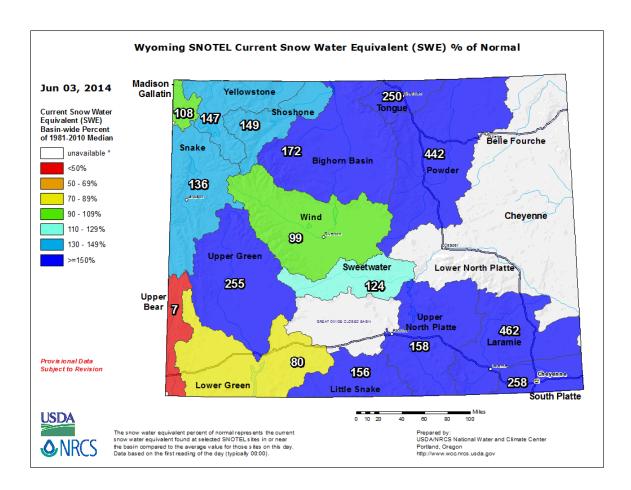
SOUTHWEST

Basin Total %s 168% Number Courses 30

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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



Wyoming Basin Outlook Report

Natural Resources Conservation Service Casper, WY





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