

Montana

Water Supply

Outlook Report

March 1, 2013



Picture: Madison Plateau SNOTEL Site near West Yellowstone

Water Supply Outlook Report and Federal - State - Private Cooperative Snow Surveys

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How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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Montana Water Supply Outlook Report as of March 1, 2013

The difference between weather patterns during January and February this year were significant. January experienced contrasting dry and wet spells. February on the other hand, was dominated by consistent weak disturbances distributing snow in most mountainous areas of the state. The end result of both months was near to slightly below normal snow accumulation, although the dry spells of January were too much for the wetter spells to overcome. The consistent small storms of February are an excellent example of the benefits that a generally unstable weather pattern provides. Consistent unstable weather patterns are more preferable than infrequent large snow storms as the end result of each month this year displays. Frequent small snow accumulations will typically provide more snow than inconsistent large storm for the mountains of Montana. The efficiency with which snowpack translates into runoff is an entirely different story, yet weather plays the major role in driving snowmelt. As snowpack stands currently, streamflow forecasts are predicted to range between 82 and 100 percent of normal. Statewide streamflows are forecast to be 90 percent of average.

Snowpack

February this year was quite typical, producing near normal snowfall throughout most of the month. Small accumulations each day provided steady increases to snowpack from a relatively unstable weather pattern. The St. Mary, Milk and Missouri Mainstem Basins experienced a slight increase in snow water equivalent, while most other basins across Montana watersheds saw a slight decrease. A minimal decrease in snowpack would best describe the trend this month in statewide snowpack, at only 3 percent, statewide totals rounded out at 93 percent of median. Current snowpack levels statewide are in good standing considering only 20 percent of the typical snow accumulation season remains. Although slightly below average, Montana snowpack is one of the best compared to other states across the nation, such as Colorado with 73 percent of averages snowpack. To view individual basin reports online goto: <http://www.mt.nrcs.usda.gov/snow/>

RIVER BASIN	% OF MEDIAN	% LAST YEAR	FEBRUARY % CHANGE
COLUMBIA	92	82	-1
KOOTENAI	93	84	-3
FLATHEAD	94	87	0
UPPER CLARK FORK	90	77	-3
BITTERROOT	85	73	-1
LOWER CLARK FORK	89	82	-1
MISSOURI	96	94	-3
MISSOURI HEADWATERS	96	100	-7
JEFFERSON	98	101	-4
MADISON	92	100	-10
GALLATIN	100	107	-5
MISSOURI MAINSTEM	95	83	+5
HEADWATERS MAINSTEM	100	77	+4
SMITH-JUDITH-MUSSELSHELL	101	99	+2
SUN-TETON-MARIAS	91	72	+2
MILK (Bearpaw Mtns)	119	184	+13
ST. MARY	107	94	+5
ST. MARY & MILK	109	114	+6
YELLOWSTONE	90	73	-1
UPPER YELLOWSTONE	92	80	-6
LOWER YELLOWSTONE	89	68	+3
STATE-WIDE	93	85	-3

Precipitation

Again this month statewide precipitation produced the lowest total of the year at 78 percent of the February average. SNOTEL sites reported the lack of precipitation again this month. Issues with the acquisition of valley precipitation normals caused valley data to be left out of the calculations. Last month only the Milk River basin received above average precipitation. This month several watersheds ended the month above average including the Milk, St. Mary, Smith-Judith-Musselshell, and the Mainstem Missouri mountains near Helena. The Madison saw the lowest monthly precipitation at 60 percent of normal. The Flathead was the only basin in the Columbia to experience above 74 percent of average precipitation. In spite of the last two months low readings, year-to-date precipitation has remained above normal at 103 percent of the statewide average. To view individual reports online goto: <http://www.mt.nrcs.usda.gov/snow/>

Reservoirs

State-wide reservoir storage was 105 percent of average and 88 percent of last year. Reservoir storage west of the divide was 121 percent of average and 93 percent of last year. East of the Divide, reservoir storage was 100 percent of average and 87 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	121	93
KOOTENAI	127	86
FLATHEAD	119	99
UPPER CLARK FORK	107	76
BITTERROOT	115	124
LOWER CLARK FORK	98	100
MISSOURI	99	86
JEFFERSON	105	80
MADISON	104	98
GALLATIN	93	111
MISSOURI MAINSTEM	99	85
SMITH-JUDITH-MUSSELSHELL	117	79
SUN-TETON-MARIAS	100	96
MILK	122	81
ST. MARY	178	205
YELLOWSTONE	110	99
UPPER YELLOWSTONE	77	66
LOWER YELLOWSTONE	111	100
STATEWIDE	105	88

Streamflow

State-wide, streamflows are forecast to be 90 percent of average. West of the divide streamflows are forecast to be 92 percent of average and east of the divide are forecast to be 89 percent of average.

Following are streamflow forecasts for the period April 1 through July 31. THE FIGURES IN THE TABLE BELOW ARE AN AVERAGE OF ALL FORECASTS WITHIN THE PARTICULAR BASIN AT THE 50 PERCENT EXCEEDANCE ONLY. FOR FORECASTS ABOVE AND BELOW THE 50 PERCENT EXCEEDANCE, LOOK TO THE SPECIFIC BASIN REPORTS.

RIVER BASIN	April-July THIS YEAR % OF AVERAGE	April-July LAST YEAR % OF AVERAGE
COLUMBIA	92	97
KOOTENAI	95	91
FLATHEAD	99	99
UPPER CLARK FORK	87	99
BITTERROOT	83	101
LOWER CLARK FORK	87	93
MISSOURI	91	88
JEFFERSON	87	76
MADISON	89	86
GALLATIN	97	89
MISSOURI MAINSTEM	90	84
SMITH-JUDITH-MUSSELSHELL	91	99
SUN-TETON-MARIAS	94	99
MILK	99	88
ST. MARY	101	99
YELLOWSTONE	84	107
UPPER YELLOWSTONE	86	96
LOWER YELLOWSTONE	82	118
STATE-WIDE	90	96

NOTE: The APRIL-JULY LAST YEAR % OF AVERAGE column above is what was forecast last year at this same time, NOT what actually occurred.

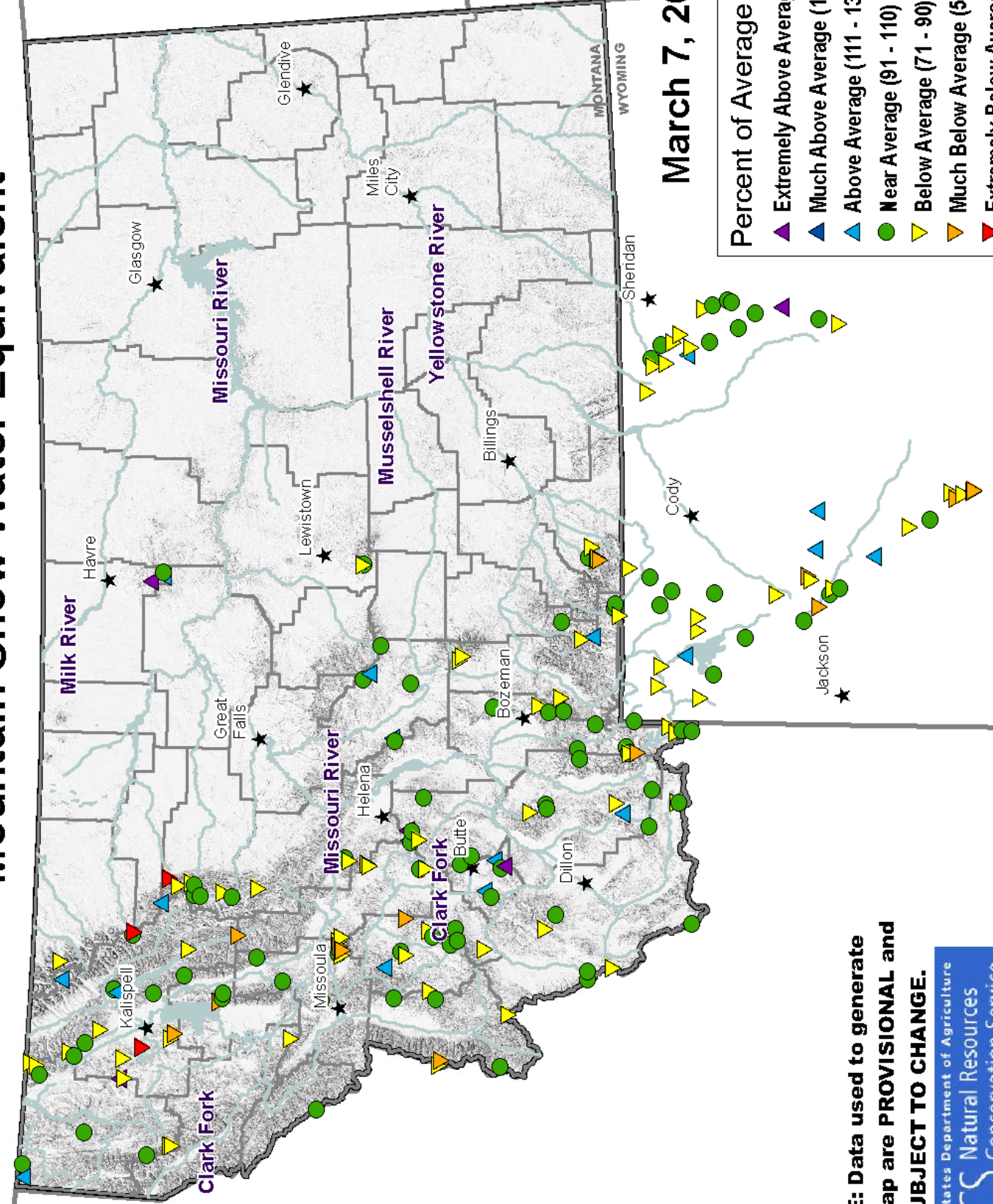
Surface Water Supply Index

The Surface Water Supply Index (SWSI) is a measure of available surface water availability for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

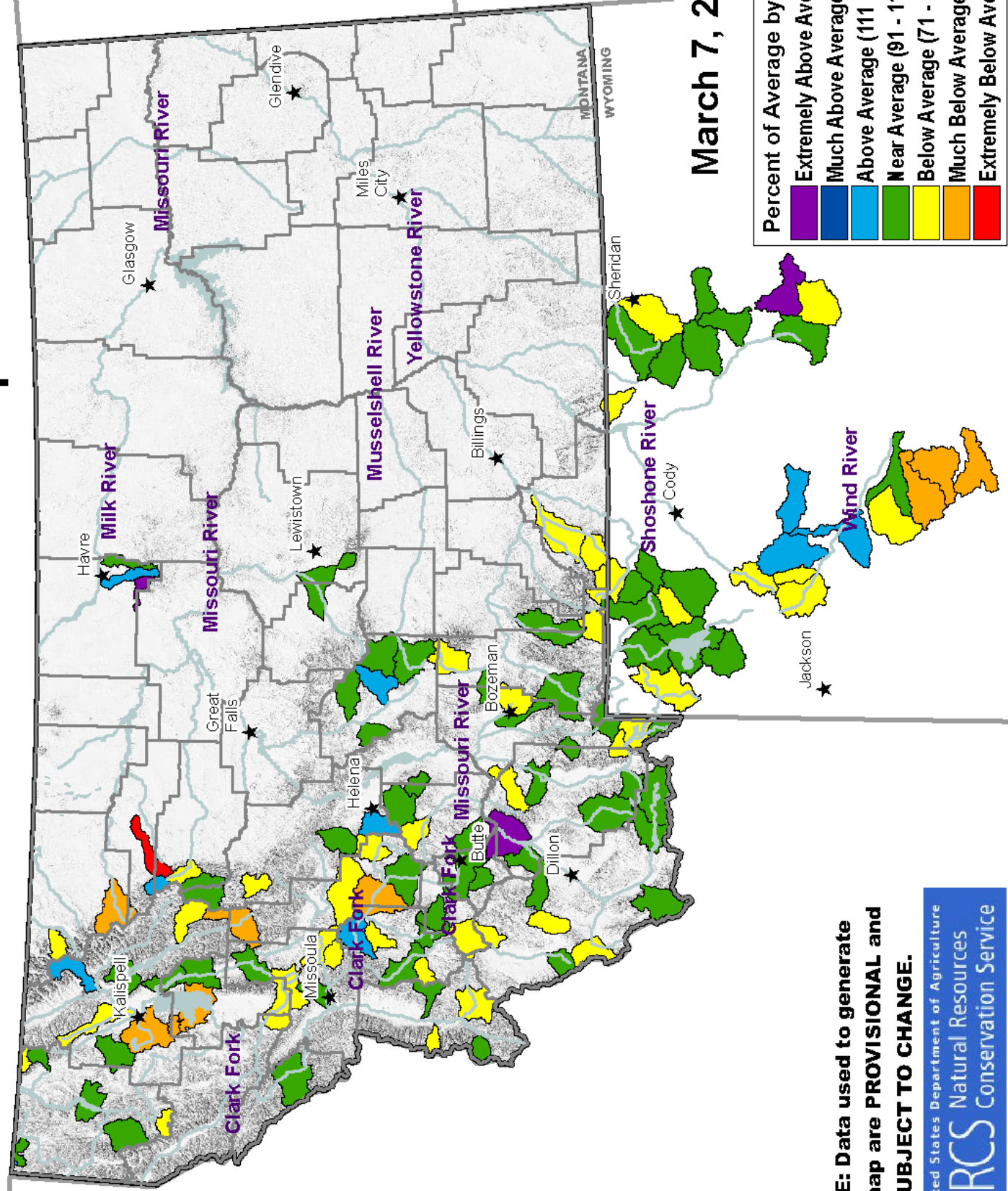
This Year SWSI	Last Year SWSI	Basin
-0.3	0.0	Tobacco River
+0.1	+0.8	Kootenai Ft. Steele to Libby Dam
+1.5	+3.2	Kootenai River below Libby Dam
-1.1	-0.4	Fisher River
+1.2	-0.1	Yaak River
+0.4	+0.6	North Fork Flathead River
+0.6	+0.5	Middle Fork Flathead River
+3.5	+1.8	South Fork Flathead River
+0.9	+0.8	Flathead River at Columbia Falls
-0.6	+0.2	Swan River
+0.7	+0.6	Flathead River at Polson
-2.8	+0.7	Mission Valley
-2.4	+2.1	Little Bitterroot River
-0.7	+0.9	Clark Fork River above Milltown
-1.7	+0.6	Clark Fork above Missoula
-2.2	+0.4	Blackfoot River
-1.8	+0.7	Bitterroot River
-1.7	+0.6	Clark Fork River below Bitterroot River
-0.2	+0.6	Clark Fork River below Flathead River
-0.3	+0.3	Beaverhead River
-0.7	-0.6	Ruby River
-1.0	-0.8	Big Hole River
-0.9	+0.4	Boulder River (Jefferson)
+0.3	+0.7	Jefferson River
-1.4	-0.8	Madison River
-0.8	-0.8	Gallatin River
0.0	+0.1	Missouri River above Canyon Ferry
+0.1	+0.2	Missouri River below Canyon Ferry
+1.6	+3.2	Smith River
-1.0	+0.4	Sun River
+0.3	+1.7	Teton River
-2.5	+1.4	Birch/Dupuyer Creeks
-0.2	+4.0	Upper Judith River
-1.9	+0.1	Marias River above Tiber
+0.1	+2.0	Marias River below Tiber
-0.1	+1.4	Musselshell River
+0.6	+1.0	Missouri River above Ft. Peck
-1.5	+0.2	Missouri River below Ft. Peck
+1.2	+0.7	St. Mary River
+1.0	+1.6	Milk River
-1.1	+0.5	Dearborn River near Craig
-1.2	+0.3	Yellowstone River above Livingston
-1.8	-0.2	Shields River
-0.8	+0.1	Boulder River (Yellowstone)
-2.0	-0.8	Stillwater River
-1.3	+0.2	Rock/Red Lodge Creeks
-1.3	+1.2	Clarks Fork River
-1.3	+0.2	Yellowstone River above Bighorn River
-1.0	+0.8	Bighorn River below Bighorn Lake
-2.2	+2.4	Little Bighorn River
-0.7	+0.5	Yellowstone River below Bighorn River
-1.2	+2.9	Tongue River
-0.3	+2.3	Powder River

Mountain Snow Water Equivalent



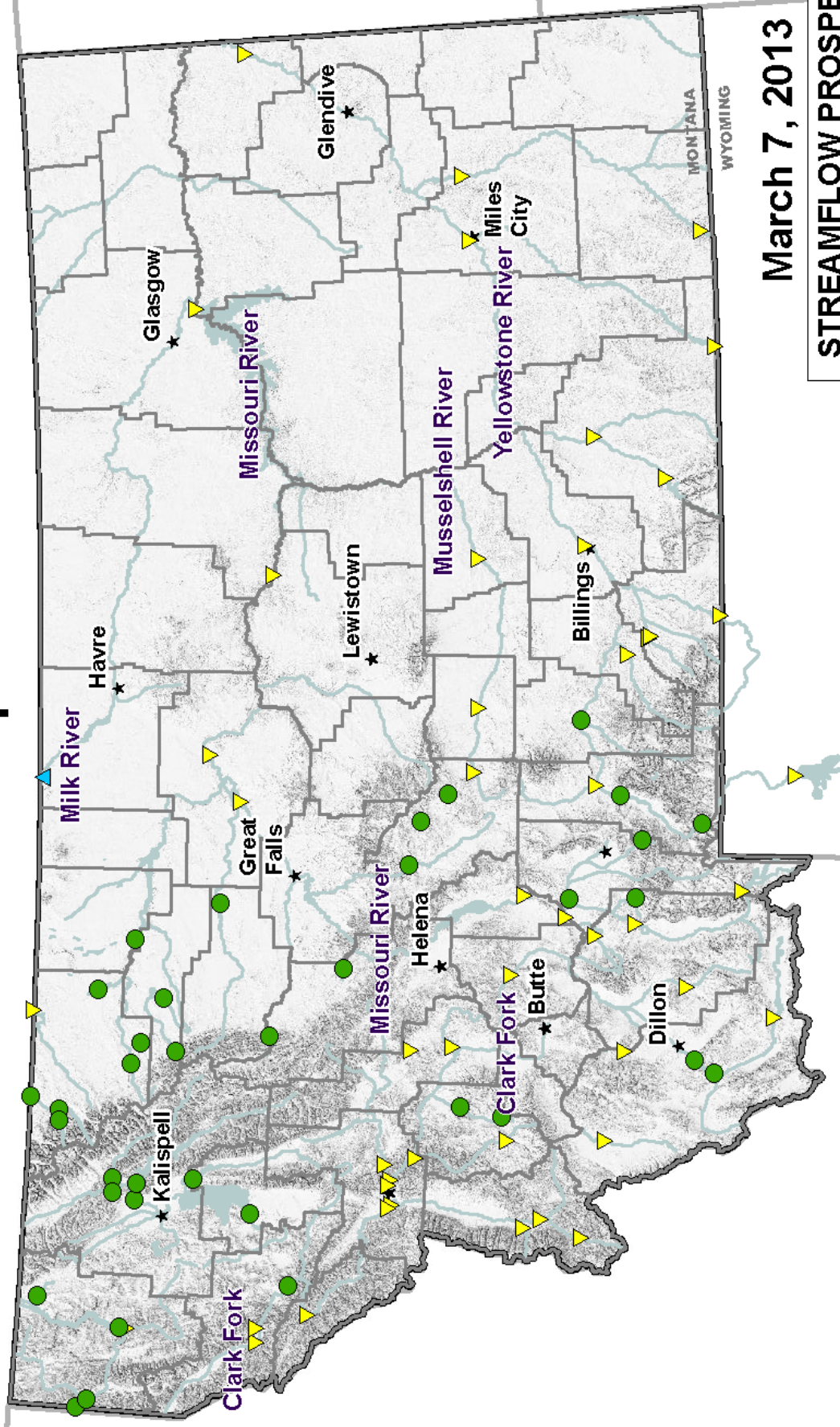
NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

Mountain Snow Water Equivalent



NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

Streamflow Prospects for Montana



March 7, 2013

STREAMFLOW PROSPECTS

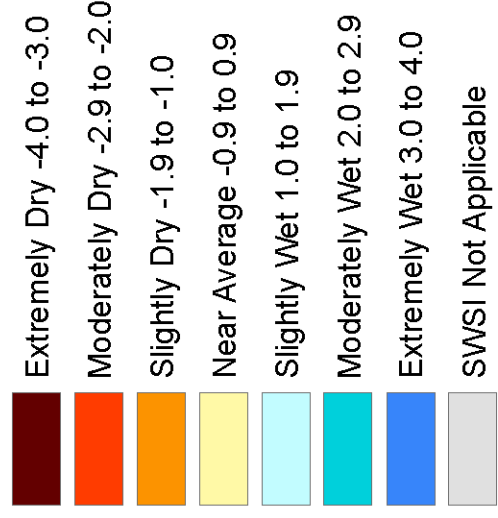
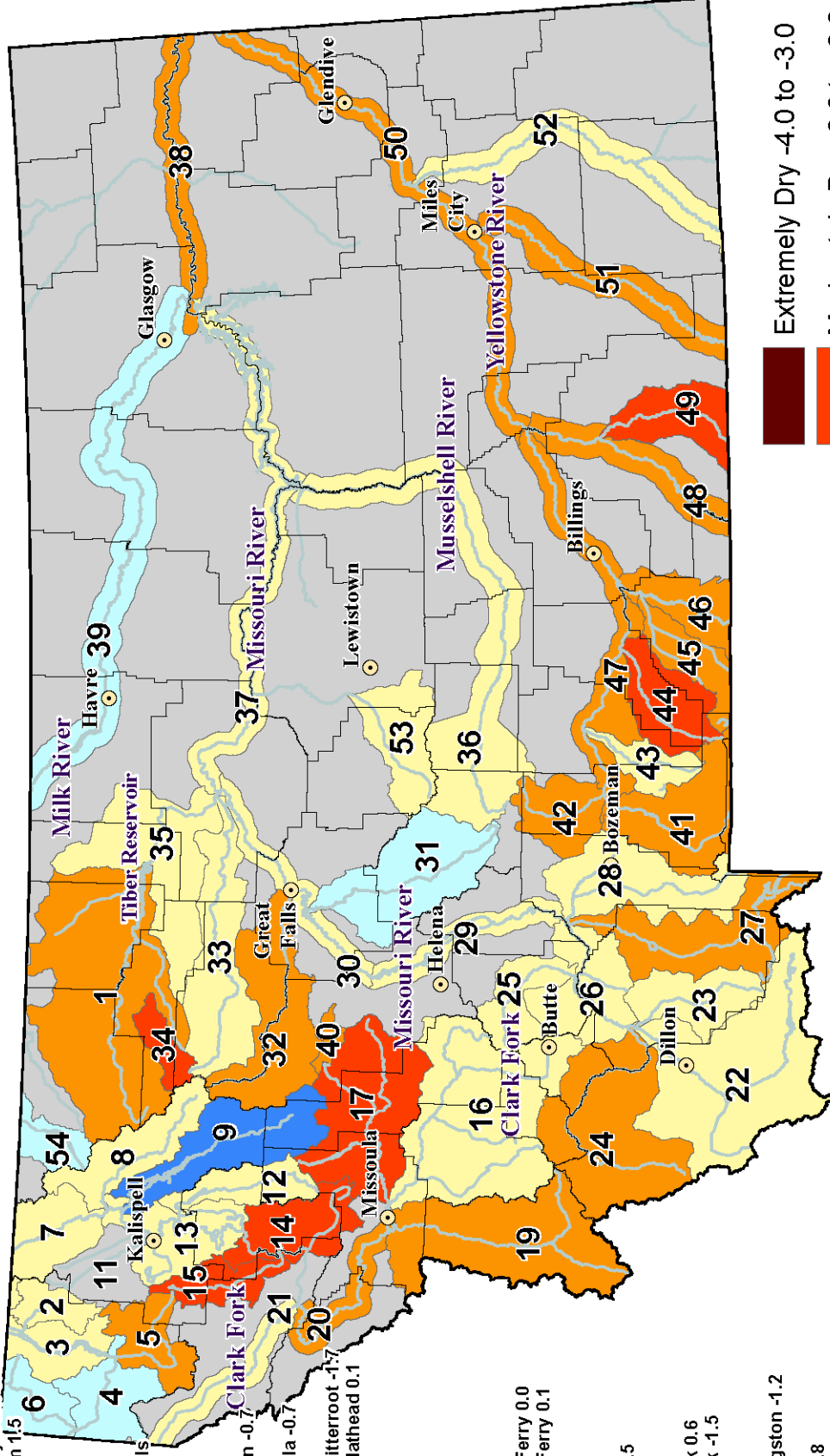
- ▲ Extremely Above Average (Over 150)
- ▲ Much Above Average (131 - 150)
- ▲ Above Average (111 - 130)
- Near Average (91 - 110)
- ▲ Below Average (71 - 90)
- ▲ Much Below Average (51 - 70)
- ▲ Extremely Below Average (Below 51)

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

Surface Water Supply Index (SWSI) Values

RIVER INDEX & SWSI VALUES

- 1 Marias above Tiber Reservoir -1.9
- 2 Tobacco -0.3
- 3 Kootenai Ft. Steele to Libby Dam 0.1
- 4 Kootenai below Libby Dam 1.5
- 5 Fisher -1.1
- 6 Yaak 1.2
- 7 North FK. Flathead 0.4
- 8 Middle FK. Flathead 0.6
- 9 South FK. Flathead 3.5
- 10 Flathead at Columbia Falls
- 11 Flathead at Polson 0.7
- 12 Mission Valley -2.8
- 13 Little Bitterroot -2.4
- 14 Clark Fork above Milltown -0.7
- 15 Blackfoot -2.2
- 16 Clark Fork above Missoula -0.7
- 17 Bitterroot -1.8
- 18 Clark Fork River below Bitterroot -1.7
- 19 Clark Fork River below Flathead 0.1
- 20 Beaverhead -0.3
- 21 Ruby -0.7
- 22 Big Hole -1.0
- 23 Boulder (Jefferson) -0.9
- 24 Jefferson -0.3
- 25 Madison -1.4
- 26 Gallatin -0.8
- 27 Missouri above Canyon Ferry 0.0
- 28 Missouri below Canyon Ferry 0.1
- 29 Smith 1.6
- 30 Sun -1.0
- 31 Teton 0.3
- 32 Birch/Dupuyer Creeks -2.5
- 33 Marias 0.1
- 34 Musselshell 0.1
- 35 Missouri above Fort Peck 0.6
- 36 Missouri below Fort Peck -1.5
- 37 Milk 1.0
- 38 Dearborn near Craig -1.1
- 39 Yellowstone above Livingston -1.2
- 40 Shields -1.8
- 41 Boulder (Yellowstone) -0.8
- 42 Stillwater -2.0
- 43 Rock/Red Lodge Creeks -1.3
- 44 Clark's Fork Yellowstone -1.3
- 45 Yellowstone above Bighorn River -0.3
- 46 Bighorn below Bighorn Lake -1.0
- 47 Little Bighorn -2.2
- 48 Yellowstone below Bighorn -1.2
- 49 Tongue -1.2
- 50 Powder -0.3
- 51 Upper Judith 0.2
- 52 Saint Mary 1.2



March 7, 2013

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BASIN SUMMARY OF
SNOW COURSE DATA

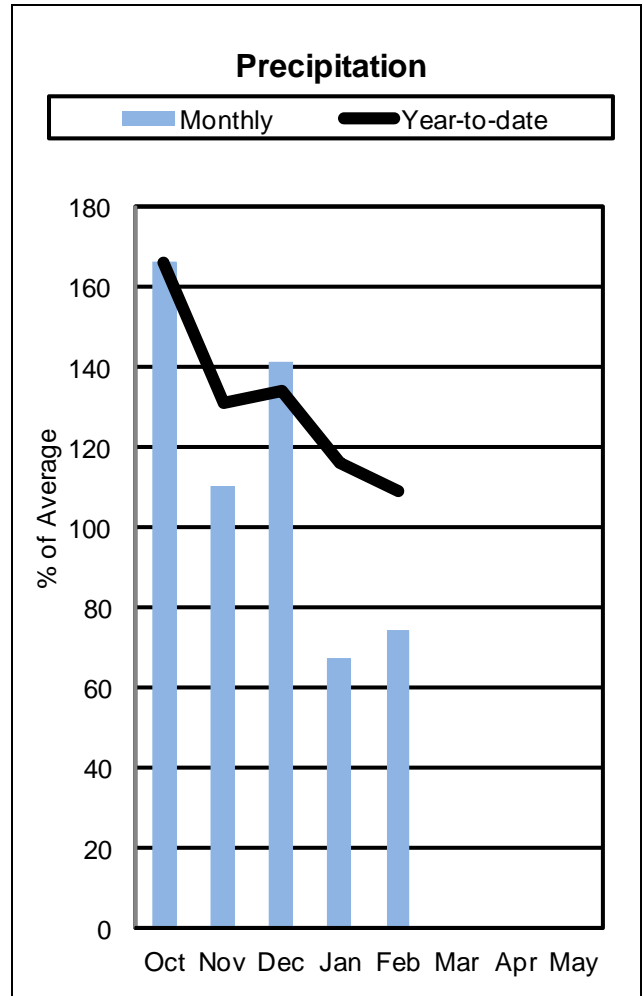
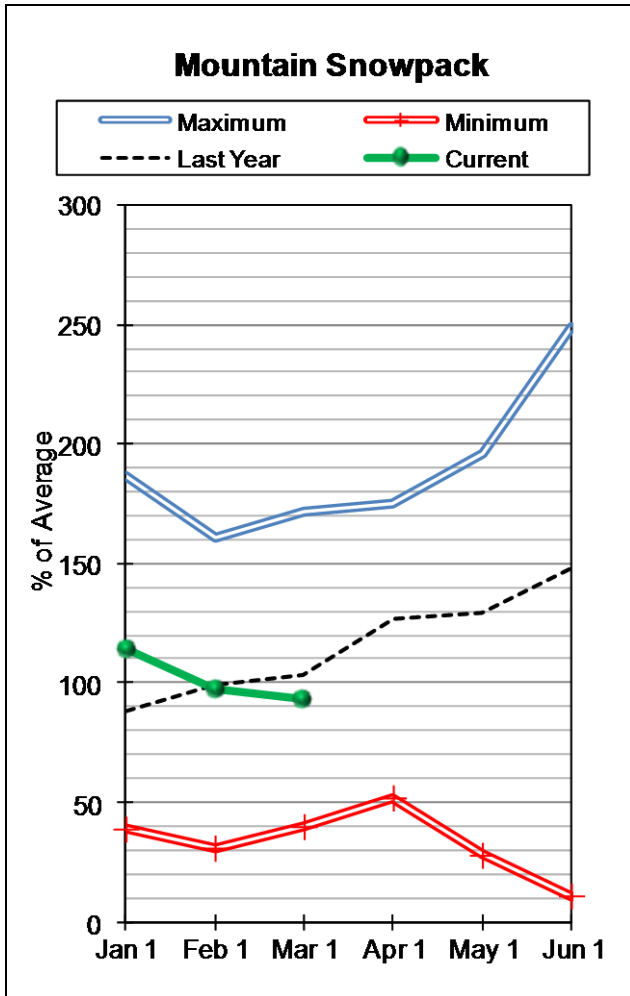
MARCH 2013

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	MEDIAN 81-10
ALBRO LAKE SNOTEL	8300	3/01/13	43	11.9	11.4	13.8
AMBROSE	6480	2/26/13	37	9.6	10.6	9.2
ARCH FALLS	7350	2/25/13	31	7.0	8.6	7.8
ASHLEY DIVIDE	4820	2/26/13	15	2.4	5.0	5.3
BADGER PASS SNOTEL	6900	3/01/13	84	26.3	29.9	23.7
BANFIELD MTN SNOTEL	5600	3/01/13	51	14.1	15.9	14.3
BAREE MIDWAY	4600	2/25/13	66	20.7	21.2	23.6
BAREE TRAIL	3800	2/25/13	25	6.8	9.9	7.8
BARKER LAKES SNOTEL	8250	3/01/13	38	10.3	9.2	10.3
BASIN CREEK SNOTEL	7180	3/01/13	24	5.0	4.4	5.5
BEAGLE SPGS SNOTEL	8850	3/01/13	32	6.8	5.7	6.3
BEAVER CREEK SNOTEL	7850	3/01/13	55	15.3	10.7	14.0
BIG SNOWY	7150	2/26/13	47	12.4	15.4	13.8
BISSON CREEK SNOTEL	4920	3/01/13	22	5.5	9.3	8.4
BLACK BEAR SNOTEL	7950	3/01/13	95	29.8	29.2	29.6
BLACK MOUNTAIN	7750	2/28/13	39	9.1	10.7	11.0
BLACK PINE SNOTEL	7100	3/01/13	30	7.2	10.6	8.2
BLACKTAIL	5650	2/26/13	30	7.4	10.9	11.0
BLACKTAIL MTN SNOTEL	5650	3/01/13	32	8.5	12.1	--
BLOODY DICK SNOTEL	7550	3/01/13	36	8.7	9.7	9.3
BOTS SOTS	7750	2/26/13	26	4.4	9.8	5.3
BOULDER MTN SNOTEL	7950	3/01/13	56	15.8	18.1	15.4
BOX CANYON SNOTEL	6700	3/01/13	25	6.3	9.1	7.4
BOXELDER CREEK	5100	2/26/13	22	5.2	2.6	5.6
BRACKETT CR SNOTEL	7320	3/01/13	52	14.7	13.5	14.4
BRUSH CREEK TIMBER	5000	2/27/13	32	10.0	13.3	6.3
BULL MOUNTAIN	6600	2/25/13	22	5.4	5.0	4.8
BURNT MTN SNOTEL	5880	3/01/13	17	3.7	5.0	4.0
CABIN CREEK	5200	2/25/13	19	3.7	5.1	4.9
CALVERT CR SNOTEL	6430	3/01/13	26	5.9	10.5	6.8
CAMP SENIA	7890	2/26/13	29	3.3	11.8	3.8
CARROT BASIN SNOTEL	9000	3/01/13	71	21.3	17.4	20.4
CHESSMAN RESERVOIR	6200	2/28/13	19	4.9	4.4	2.8
CHICKEN CREEK	4060	2/27/13	46	11.8	15.4	12.8
CLOVER MDW SNOTEL	8800	3/01/13	47	10.8	10.7	12.4
COLE CREEK SNOTEL	7850	3/01/13	29	7.7	12.3	9.9
COMBINATION SNOTEL	5600	3/01/13	15	3.7	5.0	4.1
COPPER BOTTOM SNOTEL	5200	3/01/13	14	3.4	7.7	--
COPPER CAMP SNOTEL	6950	3/01/13	78	31.2	44.4	--
COPPER MOUNTAIN	7700	2/23/13	32	7.8	7.0	8.0
COTTONWOOD CREEK	6400	2/28/13	23	5.7	5.5	5.2
CRYSTAL LAKE SNOTEL	6050	3/01/13	38	9.9	11.2	9.1
DAISY PEAK SNOTEL	7600	3/01/13	28	6.8	7.7	7.2
DALY CREEK SNOTEL	5780	3/01/13	32	8.2	9.9	8.4
DARKHORSE LK. SNOTEL	8700	3/01/13	75	23.0	21.6	22.2
DEADMAN CR SNOTEL	6450	3/01/13	32	8.0	10.0	8.0
DESERT MOUNTAIN	5600	3/05/13	41	12.0	12.2	10.8
DISCOVERY BASIN	7050	3/01/13	26	6.8	8.3	7.4
DIVIDE SNOTEL	7800	3/01/13	38	8.1	6.1	8.1
DIX HILL	6400	2/24/13	25	6.6	11.6	8.2
DUPUYER CREEK SNOTEL	5750	3/01/13	17	3.5	6.3	7.1
EL DORADO MINE	7800	2/23/13	28	7.2	10.2	12.9
ELK HORN SPRINGS	7800	2/27/13	29	6.0	5.2	6.8
ELK PEAK	8000	3/05/13	40	10.1	11.4	10.4
EMERY CREEK SNOTEL	4350	3/01/13	---	12.1	10.9	12.5
FATTY CREEK	5500	3/02/13	55	16.3	19.0	17.4
FISH CREEK	8000	2/28/13	31	10.6	7.0	7.0
FISHER CREEK SNOTEL	9100	3/01/13	78	25.8	28.5	25.8

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	MEDIAN 81-10
FLATTOP MTN SNOTEL	6300	3/01/13	125	39.1	37.0	33.8
FLEECER RIDGE	7500	2/25/13	31	7.7	8.0	7.7
FOUR MILE	6900	3/01/13	25	6.2	7.6	6.0
FREIGHT CREEK	6000	2/27/13	32	8.6	14.0	10.4
FROHNER MDWS SNOTEL	6480	3/01/13	23	5.8	8.6	5.9
GARVER CREEK SNOTEL	4250	3/01/13	29	7.8	10.5	8.0
GOAT MOUNTAIN	7000	2/24/13	27	7.6	9.7	7.6
GRAVE CRK SNOTEL	4300	3/01/13	44	12.0	15.0	13.5
HAND CREEK SNOTEL	5030	3/01/13	29	7.0	9.2	9.5
HAWKINS LAKE SNOTEL	6450	3/01/13	69	22.2	25.3	19.3
HEBGEN DAM	6550	2/26/13	28	5.0	6.4	9.2
HELL ROARING DIVIDE	5770	2/26/13	75	20.6	21.8	23.9
HERRIG JUNCTION	4850	2/27/13	60	15.7	21.2	21.2
HOLBROOK	4530	3/01/13	21	5.2	--	7.6
HOODOO BASIN SNOTEL	6050	3/01/13	104	29.9	36.2	32.3
KISHENEHN	3890	2/27/13	26	6.5	6.7	7.2
KRAFT CREEK SNOTEL	4750	3/01/13	35	9.3	14.4	--
LAKEVIEW CANYON	6930	3/01/13	25	5.4	4.9	7.2
LAKEVIEW RDG. SNOTEL	7400	3/01/13	34	8.8	5.6	8.5
LEMHI RIDGE SNOTEL	8100	3/01/13	33	7.2	7.0	8.1
LICK CREEK SNOTEL	6860	3/01/13	32	7.5	9.6	8.2
LITTLE PARK	7400	2/26/13	47	12.2	11.2	11.4
LOGAN CREEK	4300	2/27/13	19	4.4	5.0	5.5
LONE MOUNTAIN SNOTEL	8880	3/01/13	54	14.2	12.4	13.2
LOWER TWIN SNOTEL	7900	3/01/13	48	12.5	12.4	13.0
LUBRECHT SNOTEL	4680	3/01/13	12	3.3	7.7	4.7
LUBRECHT FOREST NO 3	5450	2/27/13	14	2.9	5.4	4.4
LUBRECHT FOREST NO 4	4650	2/27/13	7	1.5	3.4	2.1
LUBRECHT FOREST NO 6	4040	2/28/13	13	2.8	5.8	2.7
LUBRECHT HYDROPLOT	4200	2/27/13	12	2.5	6.2	4.1
MADISON PLT SNOTEL	7750	3/01/13	60	17.3	18.1	17.8
MANY GLACIER SNOTEL	4900	3/01/13	33	9.3	14.3	11.5
MARIAS PASS	5250	2/27/13	44	12.7	15.0	13.1
MINERAL CREEK	4000	2/26/13	43	13.2	14.6	13.9
MONUMENT PK SNOTEL	8850	3/01/13	59	17.2	15.1	15.2
MOSS PEAK SNOTEL	6780	3/01/13	89	28.4	30.5	28.1
MOULTON RESERVOIR	6850	2/28/13	25	6.6	5.9	6.0
MT LOCKHART SNOTEL	6400	3/01/13	44	14.1	19.9	15.2
MULE CREEK SNOTEL	8300	3/01/13	45	11.7	10.9	11.2
N.E. ENTRANCE SNOTEL	7350	3/01/13	24	6.1	9.3	8.2
NEVADA RIDGE SNOTEL	7020	3/01/13	38	9.7	16.0	10.9
NEW WORLD	6900	2/27/13	37	8.4	10.6	10.0
NEZ PERCE CMP SNOTEL	5650	3/01/13	40	10.0	12.1	10.8
N.F. ELK CR SNOTEL	6250	3/01/13	28	7.0	11.1	8.9
NF JOCKO SNOTEL	6330	3/01/13	97	31.1	33.2	33.5
NOISY BASIN SNOTEL	6040	3/01/13	103	34.0	30.2	31.5
OPHIR PARK	7150	2/24/13	32	8.4	13.7	11.2
PETERSON MDW SNOTEL	7200	3/01/13	30	7.1	7.2	7.1
PICKFOOT CRK SNOTEL	6650	3/01/13	37	9.4	10.9	8.4
PIKE CREEK SNOTEL	5930	3/01/13	31	7.5	11.3	19.6
PIPESTONE PASS	7200	2/23/13	20	3.6	2.9	3.2
PLACER BASIN SNOTEL	8830	3/01/13	48	13.0	14.8	12.8
POORMAN CR SNOTEL	5100	3/01/13	87	28.4	35.0	30.9
PORCUPINE SNOTEL	6500	3/01/13	20	3.7	5.2	5.2
POTOMAGETON PARK	7150	2/25/13	39	10.0	--	11.4
ROCK CREEK MEADOW	8160	2/25/13	53	14.1	13.4	14.6
ROCKER PEAK SNOTEL	8000	3/01/13	37	8.8	11.8	10.1
ROCKY BOY SNOTEL	4700	3/01/13	19	5.1	3.2	4.0
SACAJAWEA SNOTEL	6550	3/01/13	41	10.6	8.9	11.9
SADDLE MTN SNOTEL	7900	3/01/13	56	16.7	21.0	19.0
S.F. SHIELDS SNOTEL	8100	3/01/13	40	9.0	11.3	11.8
SHORT CREEK SNOTEL	7000	3/01/13	22	5.1	4.5	4.4
SHOWER FALLS SNOTEL	8100	3/01/13	59	15.1	16.4	15.6

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	MEDIAN 81-10
SKALKAHO SNOTEL	7260	3/01/13	52	15.1	20.0	17.5
SLEEPING WOMAN SNTL	6150	3/01/13	38	9.9	15.4	12.2
SLIDE ROCK MOUNTAIN	7100	2/24/13	36	11.2	14.2	10.1
SPOTTED BEAR MTN.	7000	2/28/13	30	7.8	12.2	10.7
SPUR PARK SNOTEL	8100	3/01/13	61	17.4	20.6	15.5
STAHL PEAK SNOTEL	6030	3/01/13	86	25.2	27.6	27.5
STEMPLE PASS	6600	2/27/13	28	6.4	10.3	7.0
STORM LAKE	7780	3/01/13	35	9.4	10.3	9.5
STRYKER BASIN	6180	2/27/13	79	24.6	25.4	25.0
STUART MOUNTAIN SNTL	7400	3/01/13	74	24.4	27.2	25.9
TAYLOR ROAD	4080	2/26/13	23	5.4	1.6	3.0
TEN MILE LOWER	6600	2/25/13	28	6.8	7.8	5.4
TEN MILE MIDDLE	6800	2/25/13	31	7.2	9.1	7.5
TEPEE CREEK SNOTEL	8000	3/01/13	41	10.3	8.6	10.6
TIMBERLINE CREEK	8850	2/26/13	37	6.1	12.7	9.2
TIZER BASIN SNOTEL	6840	3/01/13	30	7.1	7.7	7.3
TRINKUS LAKE	6100	3/02/13	97	33.6	34.0	32.4
TRUMAN CREEK	4060	2/27/13	13	2.9	5.2	4.0
TWELVEMILE SNOTEL	5600	3/01/13	43	8.7	18.9	13.8
TWENTY-ONE MILE	7150	3/01/13	44	13.4	11.6	12.4
TWIN LAKES SNOTEL	6400	3/01/13	84	25.7	36.5	30.2
UPPER HOLLAND LAKE	6200	3/02/13	71	24.1	22.6	26.0
WALDRON SNOTEL	5600	3/01/13	28	7.1	11.6	8.9
WARM SPRINGS SNOTEL	7800	3/01/13	46	13.0	17.7	14.8
WEASEL DIVIDE	5450	2/28/13	78	21.7	27.9	26.2
WEST YELL 'ST SNOTEL	6700	3/01/13	28	7.1	9.8	9.0
WHISKEY CREEK SNOTEL	6800	3/01/13	38	8.8	12.8	12.0
WHITE MILL SNOTEL	8700	3/01/13	55	17.1	18.7	18.3
WOOD CREEK SNOTEL	5960	3/01/13	24	5.5	8.6	7.5
WRONG CREEK	5700	2/25/13	31	8.2	12.2	8.8
WRONG RIDGE	6800	3/01/13	---	12.0	17.8	12.4

Kootenai River Basin in Montana



Snowpack conditions in the Kootenai River Basin as of March 1 were near normal. Snow water content was 93 percent of median and 84 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 74 percent of average and 66 percent of last year. Water year precipitation, beginning October 1, 2012, was 109 percent of average and 108 percent of last year.

Lake Koocanusa storage at the end of February was 127 percent of average and 86 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 95 percent.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Tobacco R nr Eureka	APR-JUL	83	104	119	94	134	155	126
	APR-SEP	90	114	131	94	148	172	140
Libby Reservoir Inflow (1,2)	APR-JUL	4480	5060	5320	100	5580	6160	5340
	APR-SEP	5380	5940	6200	99	6460	7020	6250
Fisher River nr Libby	APR-JUL	110	146	171	83	196	230	205
	APR-SEP	121	158	183	83	210	245	220
Yaak River nr Troy	APR-JUL	295	370	420	100	470	545	420
	APR-SEP	310	385	440	100	495	570	440
Kootenai R at Leonia (1,2)	APR-JUL	5480	6220	6560	99	6900	7640	6600
	APR-SEP	6440	7180	7510	99	7840	8580	7590

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of February

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - March 1, 2013

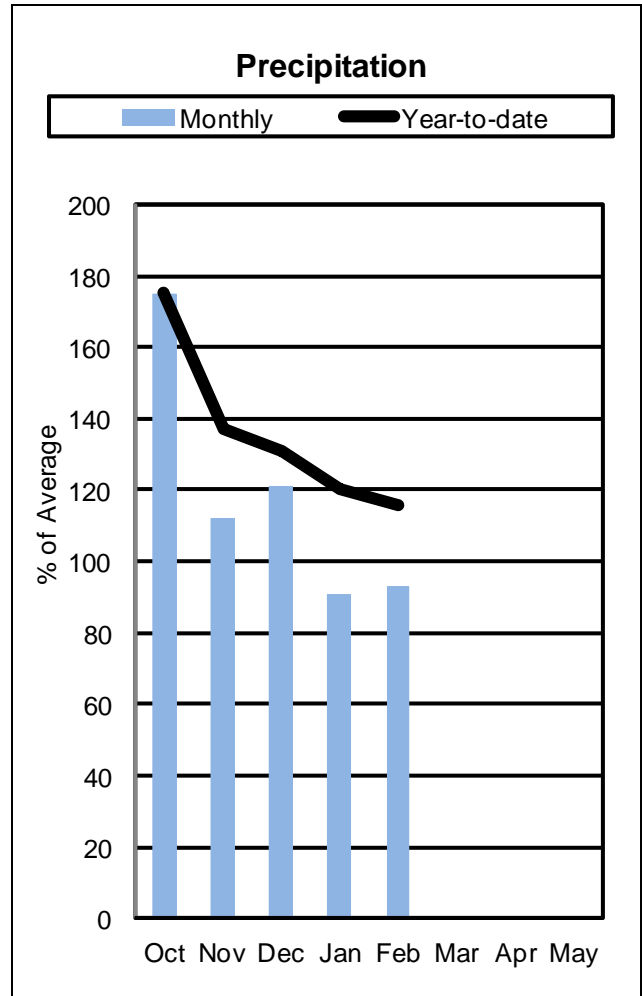
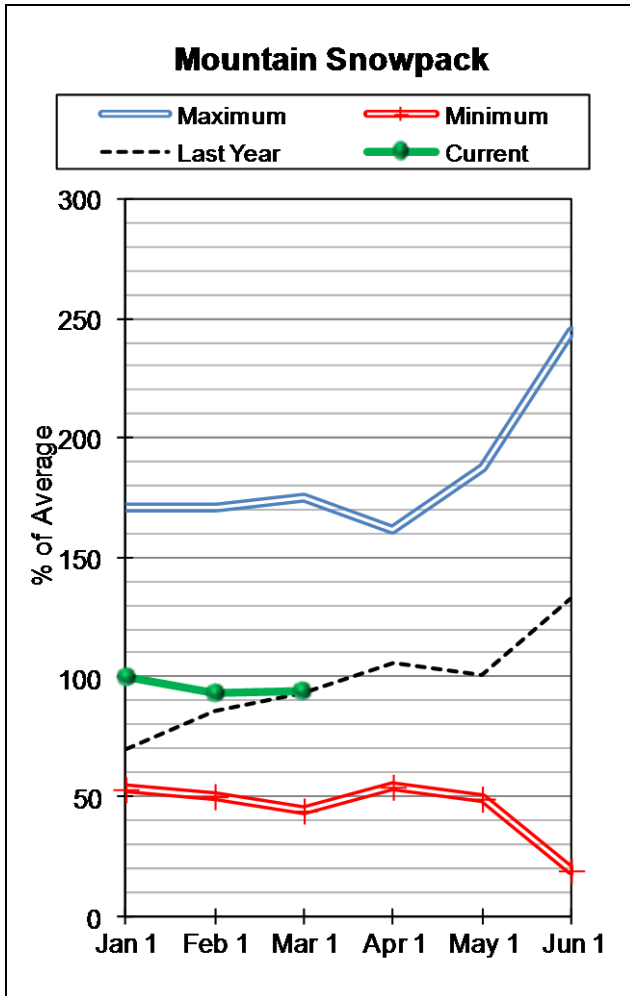
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
LAKE KOOCANUSA	5748.0	3171.4	3709.0	2501.0	KOOTENAY in CANADA	11	85	100
					KOOTENAI MAINTSTEM	3	86	91
					TOBACCO	3	84	88
					FISHER	4	83	94
					YAAK	2	84	110
					KOOTENAI in MONTANA	12	84	93
					KOOTENAI ab BONNERS FERRY	23	84	96

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Flathead River Basin



Snowpack conditions in the Flathead River Basin were near normal on March 1. Snow water content was 94 percent of median and 87 percent of last year.

Mountain precipitation during February was 93 percent of average and 66 percent of last year. Water year precipitation, beginning October 1, 2012, was 116 percent of average and 108 percent of last year.

Hungry Horse Reservoir storage at the end of February was 131 percent of average and 104 percent of last year. Flathead Lake storage at the end of February was 89 percent of average and 86 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 99 percent.

FLATHEAD RIVER BASIN
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
NF Flathead R nr Columbia Falls	APR-JUL	1370	1490	1580	103	1670	1790	1540
	APR-SEP	1510	1650	1740	102	1830	1970	1700
MF Flathead R nr West Glacier	APR-JUL	1360	1510	1610	107	1710	1860	1500
	APR-SEP	1490	1640	1750	107	1860	2010	1630
SF Flathead R nr Hungry Horse	APR-JUL	1070	1180	1250	106	1320	1430	1180
	APR-SEP	1140	1250	1330	106	1410	1520	1260
Hungry Horse Reservoir Inflow (1,2)	APR-JUL	1640	1890	2000	108	2110	2360	1860
	APR-SEP	1740	2010	2130	108	2250	2520	1980
Flathead R at Columbia Falls (2)	APR-JUL	4610	5030	5310	106	5590	6010	5020
	APR-SEP	5000	5450	5760	106	6070	6520	5450
Ashley Ck nr Marion (2)	APR-JUL	3.9	5.3	6.3	97	7.3	8.7	6.5
	MARCH	0.4	0.9	1.2	103	1.5	2.0	1.2
Swan R nr Bigfork	APR-JUL	415	465	500	96	535	585	520
	APR-SEP	470	530	570	96	610	670	595
Flathead Lake Inflow (1,2)	APR-JUL	5010	5790	6140	106	6490	7270	5810
	APR-SEP	5390	6240	6630	106	7020	7870	6270
Mill Ck ab Bassoo Ck nr Niarada	APR-JUL	1.6	2.5	3.1	78	3.7	4.6	4.0
	APR-SEP	1.8	2.8	3.4	77	4.0	5.0	4.4
South Crow Ck nr Ronan	APR-JUL	7.2	8.8	9.8	97	10.8	12.4	10.1
	APR-SEP	8.3	10.0	11.2	97	12.4	14.1	11.6
Mission Ck nr St. Ignatius	APR-JUL	21	23	25	100	27	29	25
	APR-SEP	24	27	29	97	31	34	30
Sf Jocko R nr Arlee	APR-JUL	21	26	29	88	32	37	33
	APR-SEP	24	29	33	89	37	42	37
NF Jocko R bl Tabor Feeder Canal	APR-JUL	24	27	29	94	31	34	31
	APR-SEP	25	28	30	91	32	35	33

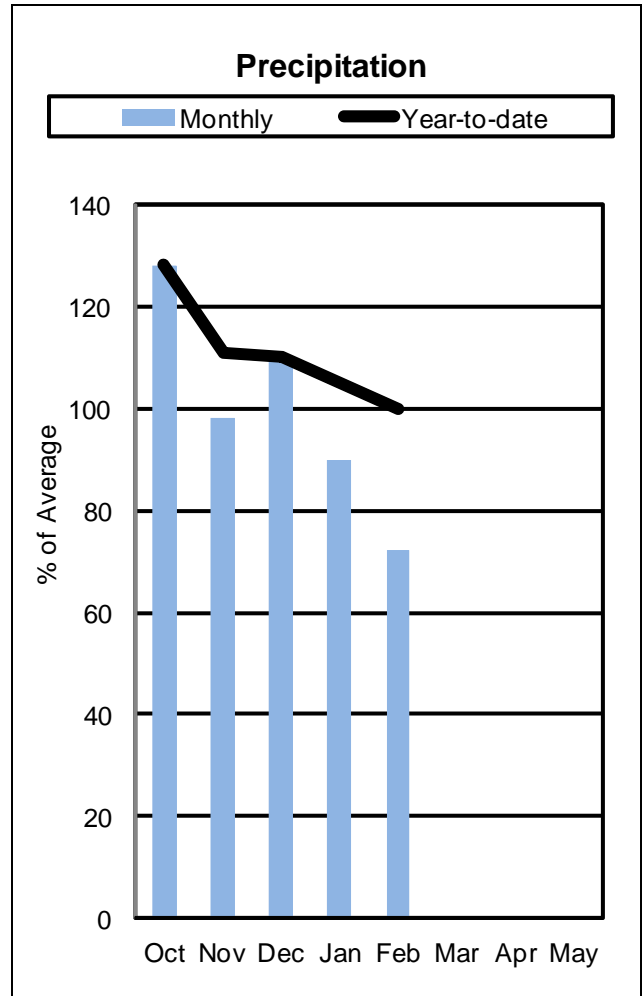
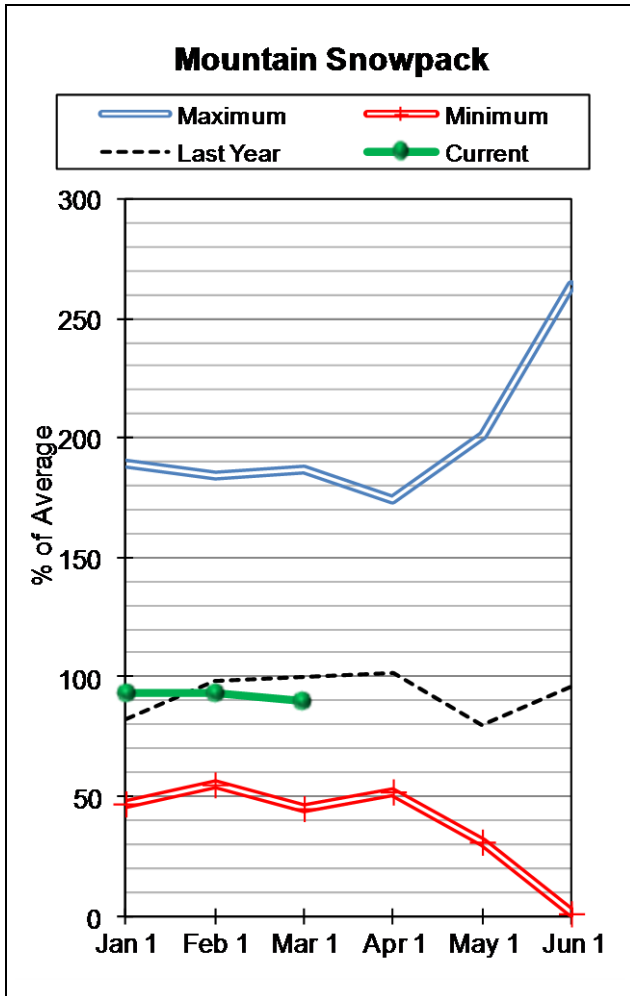
FLATHEAD RIVER BASIN Reservoir Storage (1000 AF) - End of February					FLATHEAD RIVER BASIN Watershed Snowpack Analysis - March 1, 2013			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
CAMAS (4)	45.2	29.0	26.1	19.5	NF FLATHEAD in CANADA	3	91	85
LOWER JOCKO LAKE	6.4	0.0	0.0	0.0	NF FLATHEAD in MONTANA	9	88	91
MISSION VALLEY (8)	100.0	22.5	32.8	32.0	MIDDLE FORK FLATHEAD	6	94	97
HUNGRY HORSE	3451.0	2889.0	2788.0	2209.0	SOUTH FORK FLATHEAD	6	102	97
FLATHEAD LAKE	1791.0	725.3	845.0	812.8	STILLWATER-WHITEFISH	8	83	88
					SWAN	6	96	99
					MISSION VALLEY	4	81	89
					LITTLE BITTERROOT-ASHLEY	3	64	63
					JOCKO	3	86	91
					FLATHEAD in MONTANA	33	87	92
FLATHEAD RIVER BASIN	36	88	91					

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Upper Clark Fork River Basin



Snowpack conditions in the Upper Clark Fork River Basin were near normal on March 1. Snow water content was 90 percent of median and 77 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 72 percent of average and 60 percent of last year. Water year precipitation, beginning October 1, 2012, was 100 percent of average and 89 percent of last year.

East Fork Rock Creek storage was 117 percent of average and 82 percent of last year; and Nevada Creek storage was 93 percent of average and 68 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 87 percent.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Little Blackfoot R nr Garrison	APR-JUL	30	49	62	89	75	94	70
	APR-SEP	34	55	69	90	83	104	77
Flint Ck nr Southern Cross	APR-JUL	5.3	9.1	11.6	94	14.1	17.9	12.4
	APR-SEP	5.7	10.4	13.6	93	16.8	22	14.6
Flint Ck bl Boulder Ck	APR-JUL	24	39	49	94	59	74	52
	APR-SEP	33	51	63	96	75	93	66
Lower Willow Ck Reservoir Inflow (2)	APR-MAY	2.5	5.0	6.6	90	8.2	10.7	7.3
	APR-JUL	3.4	7.3	9.9	93	12.5	16.4	10.6
MF Rock Ck nr Philipsburg	APR-JUL	35	44	51	88	58	67	58
	APR-SEP	40	51	58	89	65	76	65
Rock Ck nr Clinton	APR-JUL	126	179	215	86	250	305	250
	APR-SEP	153	210	250	89	290	345	280
Clark Fork R ab Milltown	APR-JUL	200	350	455	86	560	710	530
	APR-SEP	265	430	545	89	660	825	615
Nevada Ck nr Helmville	APR-MAY	1.1	4.3	6.5	77	8.7	11.9	8.4
	APR-JUL	2.0	7.5	11.3	80	15.1	21	14.2
Blackfoot R nr Bonner	APR-JUL	385	500	580	81	660	775	720
	APR-SEP	440	565	650	81	735	860	800
Clark Fork R ab Missoula	APR-JUL	590	860	1040	83	1220	1490	1250
	APR-SEP	715	1000	1200	85	1400	1680	1420

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of February

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - March 1, 2013

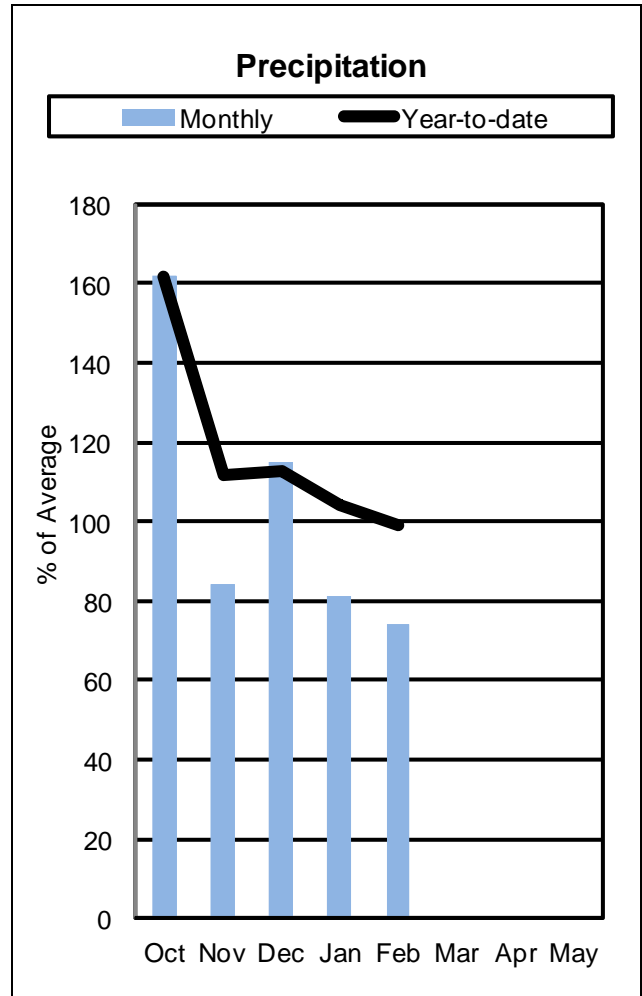
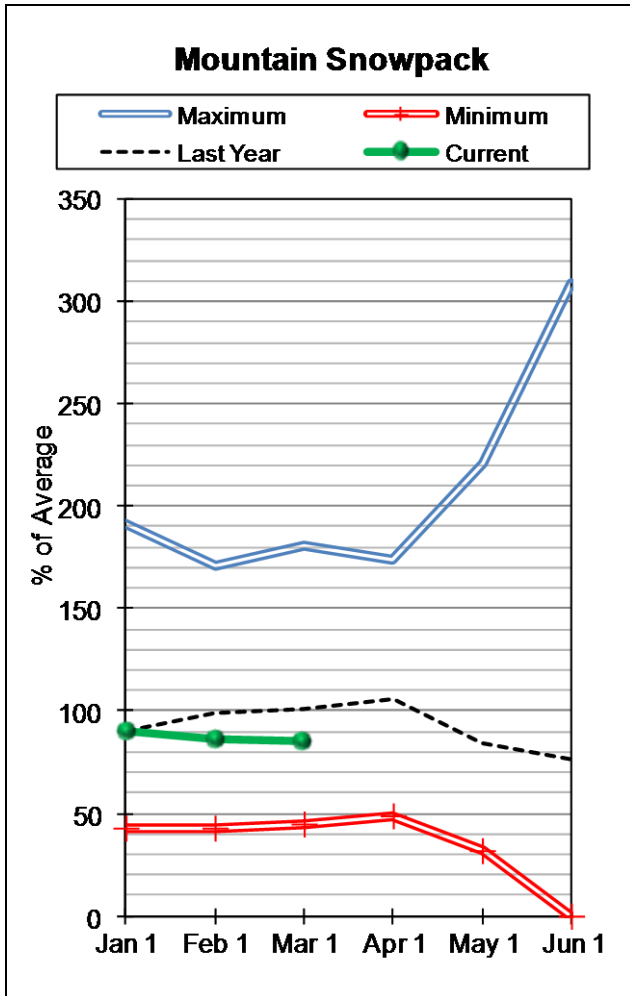
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
EAST FORK ROCK CREEK	15.6	9.7	11.9	8.3	CLARK FORK ab FLINT CREEK	14	79	89
GEORGETOWN LAKE		NO REPORT			FLINT CREEK	5	83	94
LOWER WILLOW CREEK		NO REPORT			ROCK CREEK	5	84	98
NEVADA CREEK	12.6	5.2	7.7	5.6	CLARK FORK ab BLACKFOOT	22	80	91
					BLACKFOOT	12	69	86
					UPPER CLARK FORK BASIN	31	77	90

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Bitterroot River Basin



Snowpack conditions in the Bitterroot River Basin were below normal on March 1. Snow water content was 85 percent of median and 73 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 74 percent of average and 64 percent of last year. Water year precipitation, beginning October 1, 2012, was 99 percent of average and 87 percent of last year.

Como storage was 115 percent of average and 124 percent of last year.

Assuming near average precipitation, April through July streamflows are forecast to average 83 percent.

BITTERROOT RIVER BASIN
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
WF Bitterroot R nr Conner (2)	APR-JUL	55	83	102	80	121	149	128
	APR-SEP	58	90	111	80	132	164	139
Bitterroot R nr Darby	APR-JUL	192	275	330	81	385	470	410
	APR-SEP	255	335	390	83	445	525	470
Como Reservoir Inflow (2)	APR-JUL	55	62	67	88	72	79	76
	APR-SEP	57	65	70	89	75	83	79
Bitterroot R nr Missoula	APR-JUL	670	840	955	83	1070	1240	1150
	APR-SEP	740	925	1050	84	1180	1360	1250

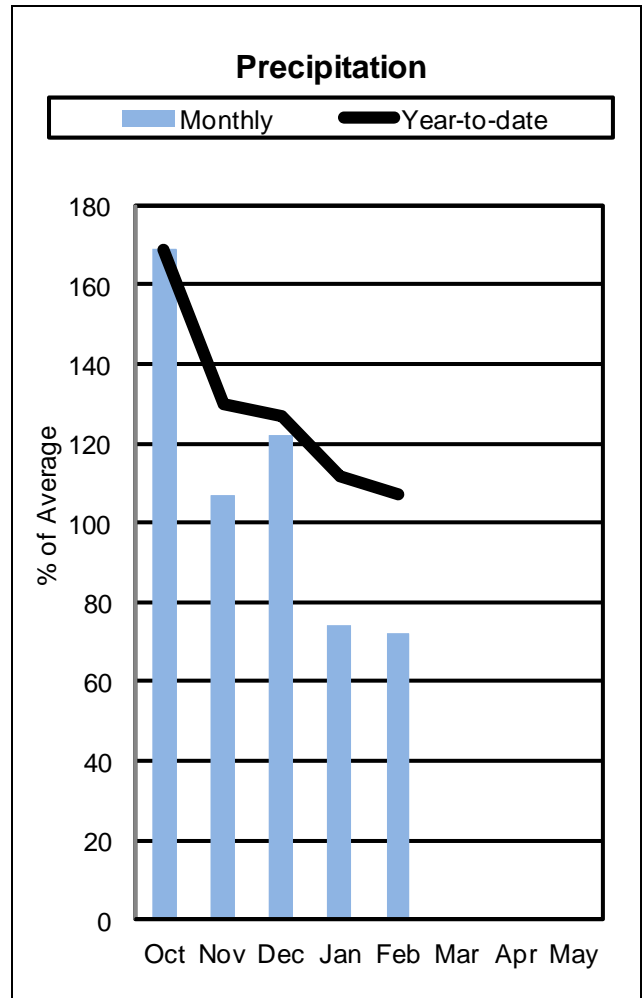
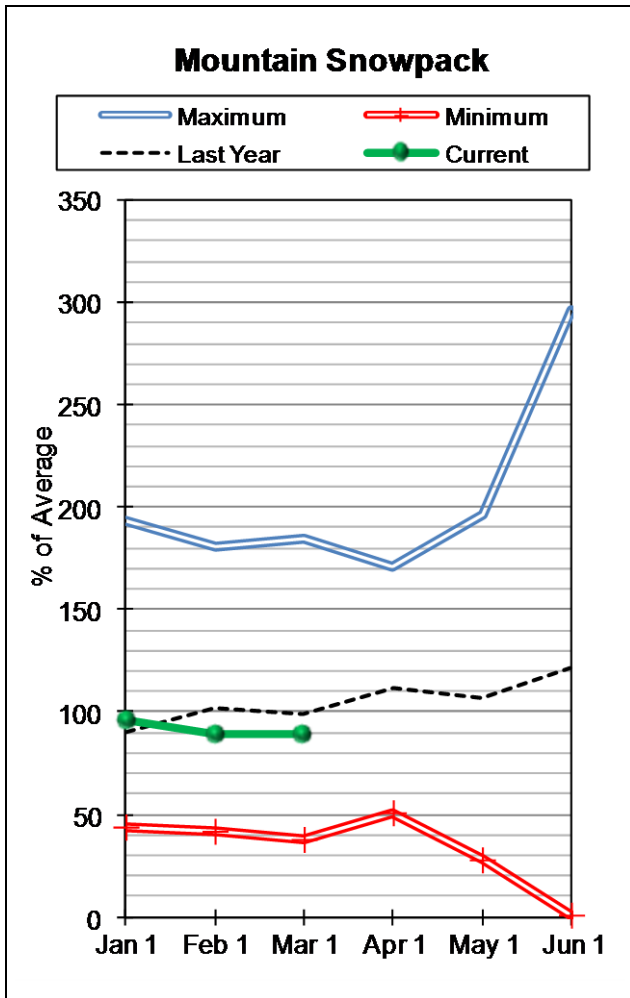
BITTERROOT RIVER BASIN Reservoir Storage (1000 AF) - End of February					BITTERROOT RIVER BASIN Watershed Snowpack Analysis - March 1, 2013			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
PAINTED ROCKS LAKE		NO REPORT			WEST FORK BITTERROOT	2	81	90
COMO	34.9	14.8	11.9	12.9	EAST SIDE BITTERROOT	4	81	92
					WEST SIDE BITTERROOT	3	65	79
					BITTERROOT RIVER BASIN	8	73	85

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Lower Clark Fork River Basin



Snowpack conditions in the Lower Clark Fork River Basin were below above normal on March 1. Snow water content was 89 percent of median and 82 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 72 percent of average and 68 percent of last year. Water year precipitation, beginning October 1, 2012, was 107 percent of average and 105 percent of last year.

Storage at the end of February in Noxon Rapids was 98 percent of average and 100 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 87 percent.

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LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - March 1, 2013

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)	
		Chance Of Exceeding *		Chance Of Exceeding *			
		90% (1000AF)	70% (1000AF)	50% (1000AF) (% AVG.)	30% (1000AF)	10% (1000AF)	
Clark Fork R bl Missoula	APR-JUL	1300	1710	1990	83	2270	2400
	APR-SEP	1490	1940	2240	84	2540	2670
Clark Fork R at St. Regis (1)	APR-JUL	1580	2310	2640	84	2970	3160
	APR-SEP	1840	2620	2970	85	3320	3510
Clark Fork R nr Plains (1,2)	APR-JUL	6870	8390	9080	99	9770	9200
	APR-SEP	7530	9190	9950	99	10700	10100
Thompson R nr Thompson Falls	APR-JUL	83	120	145	80	170	181
Thompson R Nr Thompson Falls	APR-SEP	99	139	166	81	193	205
Prospect Ck at Thompson Falls	APR-JUL	54	71	82	80	93	102
	APR-SEP	60	76	88	80	100	110
Clark Fork at Whitehorse Rpds (1,2)	APR-JUL	7880	9540	10300	98	11100	10500
	APR-SEP	8640	10500	11300	98	12100	11500

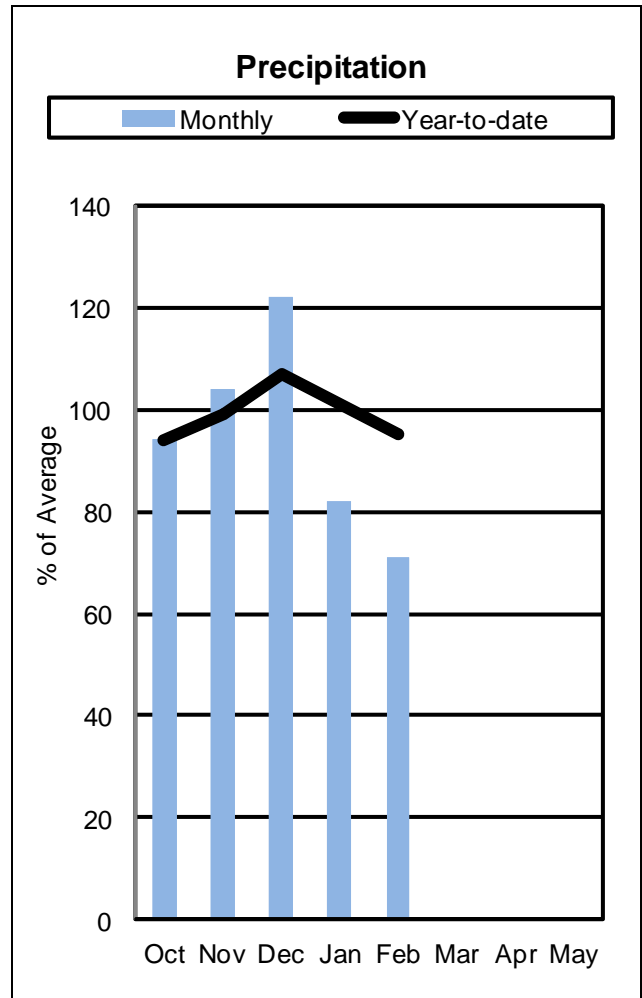
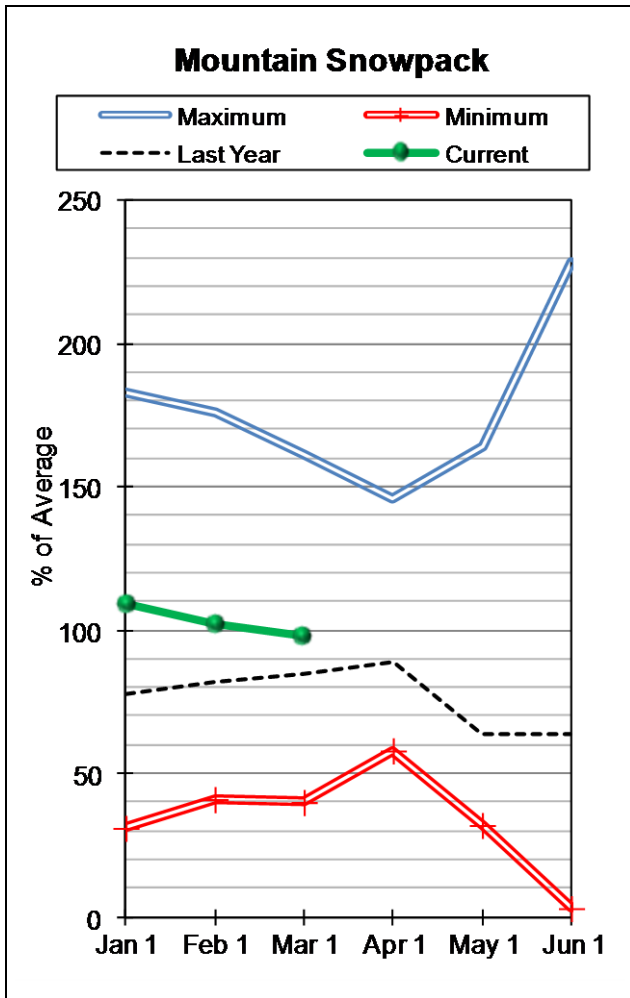
LOWER CLARK FORK RIVER BASIN Reservoir Storage (1000 AF) - End of February				LOWER CLARK FORK RIVER BASIN Watershed Snowpack Analysis - March 1, 2013				
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
NOXON RAPIDS	335.0	308.9	309.3	313.9	LOWER CLARK FORK BASIN	10	82	89

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

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- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Jefferson River Basin



Snowpack conditions in the Jefferson River Basin were near normal on March 1. Snow water content was 98 percent of median and 101 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 71 percent of average and 60 percent of last year. Water year precipitation, beginning October 1, 2012, was 95 percent of average and 95 percent of last year.

Lima storage was 135 percent of average and 84 percent of last year; Clark Canyon storage was 98 percent of average and 77 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 87 percent.

JEFFERSON RIVER BASIN
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Lima Reservoir Inflow (2)	APR-JUL	40	60	74	90	88	108	82
	APR-SEP	38	63	79	89	95	120	89
Clark Canyon Reservoir Inflow (2)	APR-JUL	9.0	60	94	93	128	179	101
	APR-SEP	20	75	113	94	151	205	120
Beaverhead R at Barretts (2)	APR-JUL	4.0	77	127	98	177	250	129
	APR-SEP	9.0	95	153	98	210	295	156
Ruby R Reservoir Inflow (2)	APR-JUL	39	56	68	88	80	97	77
	APR-SEP	48	68	81	89	94	114	91
Big Hole R at Wisdom	APR-JUL	14.0	58	88	86	118	162	102
	APR-SEP	13.0	61	94	87	127	175	108
Big Hole R nr Melrose	APR-JUL	215	335	420	82	505	625	515
	APR-SEP	240	375	465	83	555	690	560
Jefferson R nr Twin Bridges (2)	APR-JUL	189	415	565	82	715	940	690
	APR-SEP	178	430	600	82	770	1020	730
Boulder R nr Boulder	APR-JUL	32	49	60	87	71	88	69
	APR-SEP	34	52	64	87	76	94	74
Willow Ck Reservoir Inflow (2)	APR-JUL	3.4	9.5	13.7	82	17.9	24	16.8
	APR-SEP	5.0	11.4	15.8	82	20	27	19.3
Jefferson R nr Three Forks (2)	APR-JUL	189	445	615	83	785	1040	740
	APR-SEP	195	475	665	83	855	1140	800

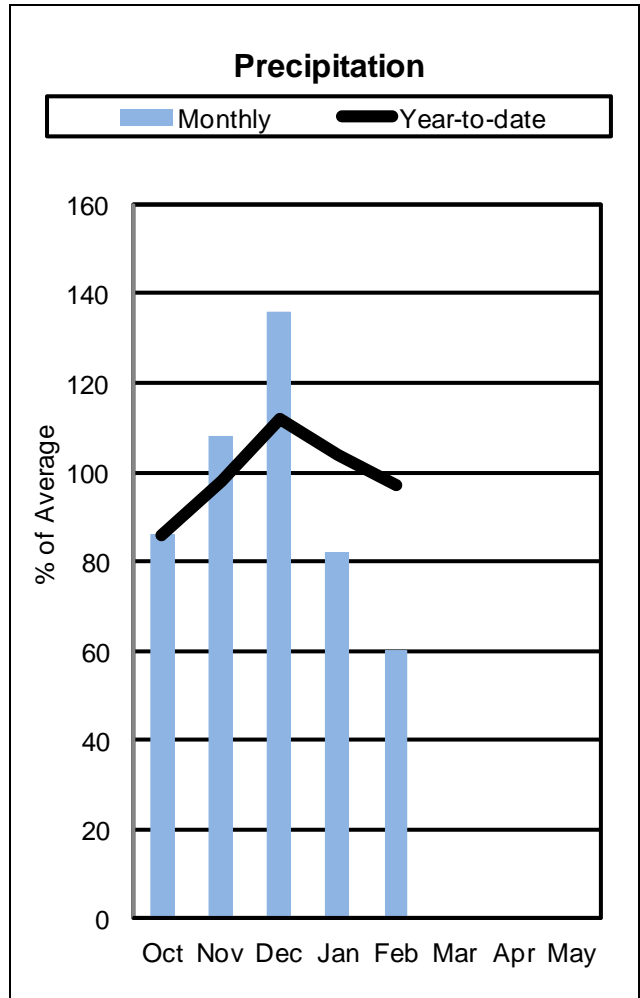
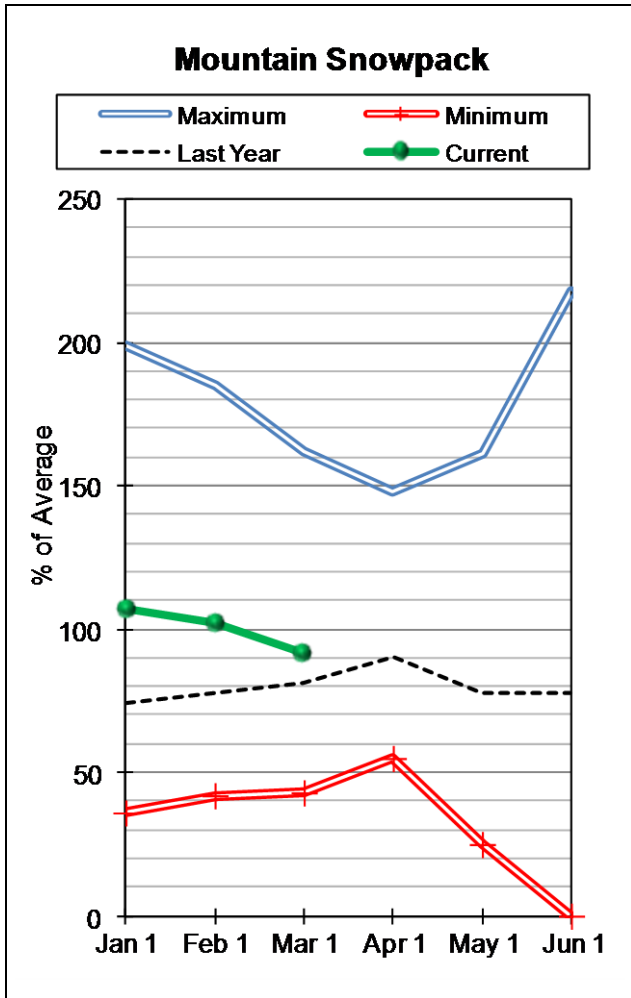
JEFFERSON RIVER BASIN Reservoir Storage (1000 AF) - End of February					JEFFERSON RIVER BASIN Watershed Snowpack Analysis - March 1, 2013			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
LIMA	84.0	42.1	50.1	31.1	BEAVERHEAD	11	114	101
CLARK CANYON	255.6	124.1	161.5	126.4	RUBY	5	107	94
RUBY RIVER	38.8	28.5	33.2	27.2	BIGHOLE	13	95	98
					BOULDER	7	90	97
					JEFFERSON RIVER BASIN	30	101	98

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Madison River Basin



Snowpack conditions in the Madison River Basin were near normal on March 1. Snow water content was 92 percent of median and 100 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 60 percent of average and 51 percent of last year. Water year precipitation, beginning October 1, 2012, was 97 percent of average and 99 percent of last year.

Ennis Lake storage at the end of February was 93 percent of average and 94 percent of last year and Hebgen Lake storage was 105 percent of average and 98 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 89 percent.

MADISON RIVER BASIN
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Hebgen Reservoir Inflow (2)	APR-JUL	265	305	330	89	355	395	370
	APR-SEP	350	400	430	92	460	510	470
Ennis Reservoir Inflow (2)	APR-JUL	410	495	550	88	605	690	625
	APR-SEP	530	630	695	90	760	860	775

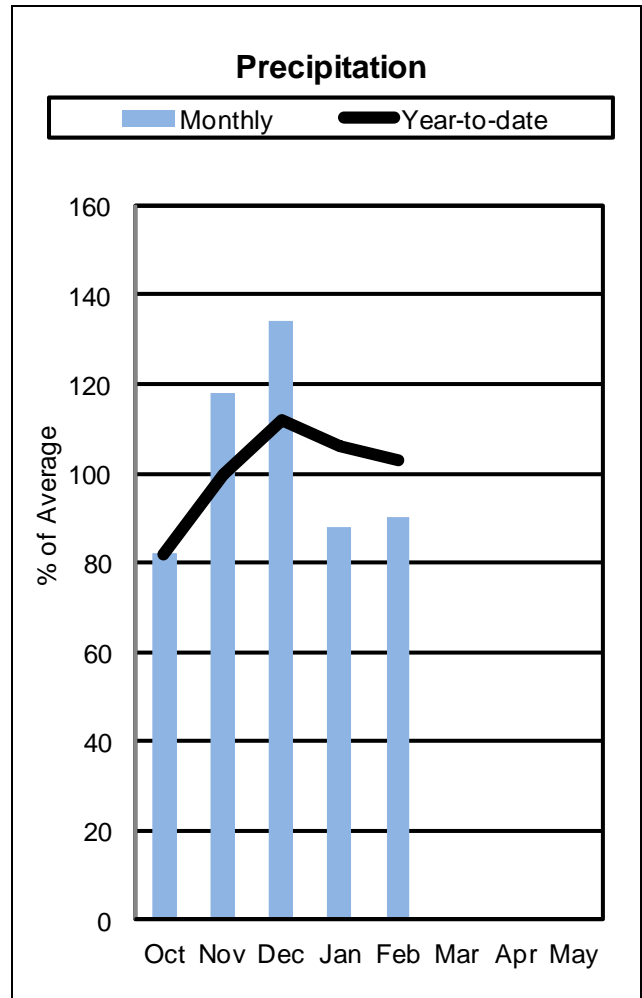
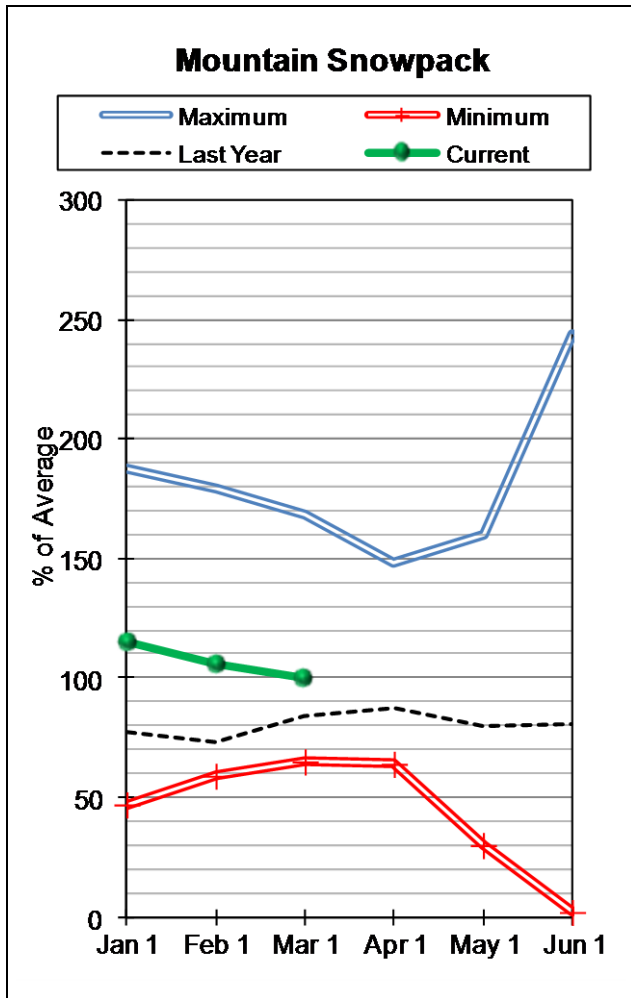
Reservoir	MADISON RIVER BASIN Reservoir Storage (1000 AF) - End of February				MADISON RIVER BASIN Watershed Snowpack Analysis - March 1, 2013			
	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
ENNIS LAKE	41.0	27.8	29.6	29.8	MADISON abv HEBGEN LAKE	6	89	89
HEBGEN LAKE	377.5	287.8	293.5	274.6	MADISON blw HEBGEN LAKE	10	110	95
					MADISON RIVER BASIN	16	100	92

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Gallatin River Basin



Snowpack conditions in the Gallatin River Basin were near normal on March 1. Snow water content was 100 percent of median and 107 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 90 percent of average and 67 percent of last year. Water year precipitation, beginning October 1, 2012, was 103 percent of average and 107 percent of last year.

Middle Creek storage was 93 percent of average and 111 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 97 percent.

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GALLATIN RIVER BASIN
Streamflow Forecasts - March 1, 2013

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Gallatin R nr Gateway	APR-JUL	290	350	390	98	430	490	400
	APR-SEP	340	410	455	97	500	570	470
Hyalite Reservoir Inflow (2)	APR-JUL	15.6	17.8	19.3	97	21	23	20
	APR-SEP	18.1	20	22	96	24	26	23
Gallatin R at Logan	APR-JUL	250	350	420	96	490	590	440
	APR-SEP	290	405	485	96	565	680	505

GALLATIN RIVER BASIN Reservoir Storage (1000 AF) - End of February					GALLATIN RIVER BASIN Watershed Snowpack Analysis - March 1, 2013			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
MIDDLE CREEK	10.2	5.0	4.5	5.4	UPPER GALLATIN	6	118	105
					HYALITE	4	84	91
					BRIDGER	2	113	96
					GALLATIN RIVER BASIN	12	107	100

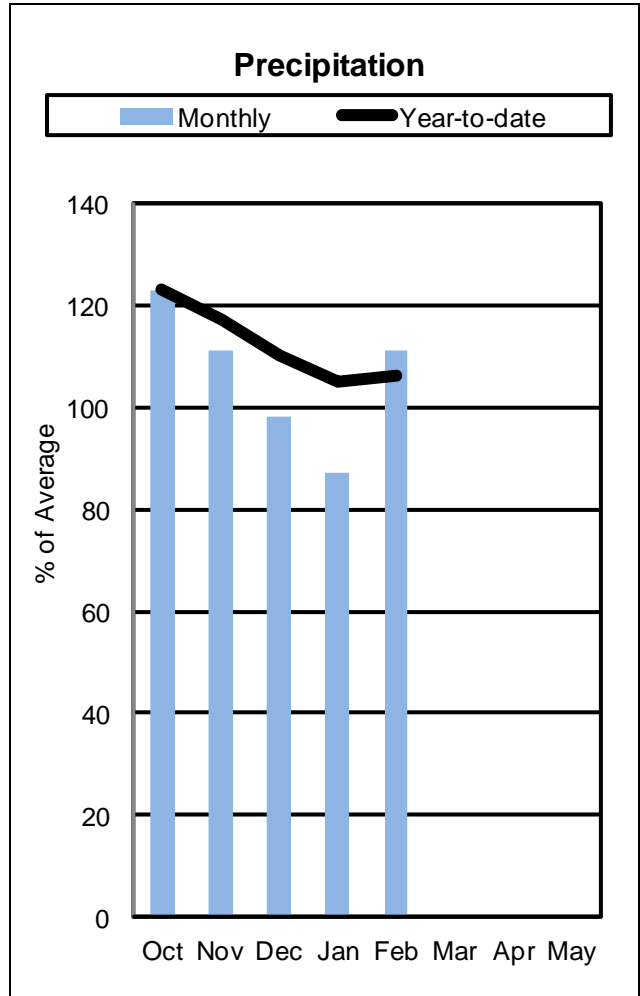
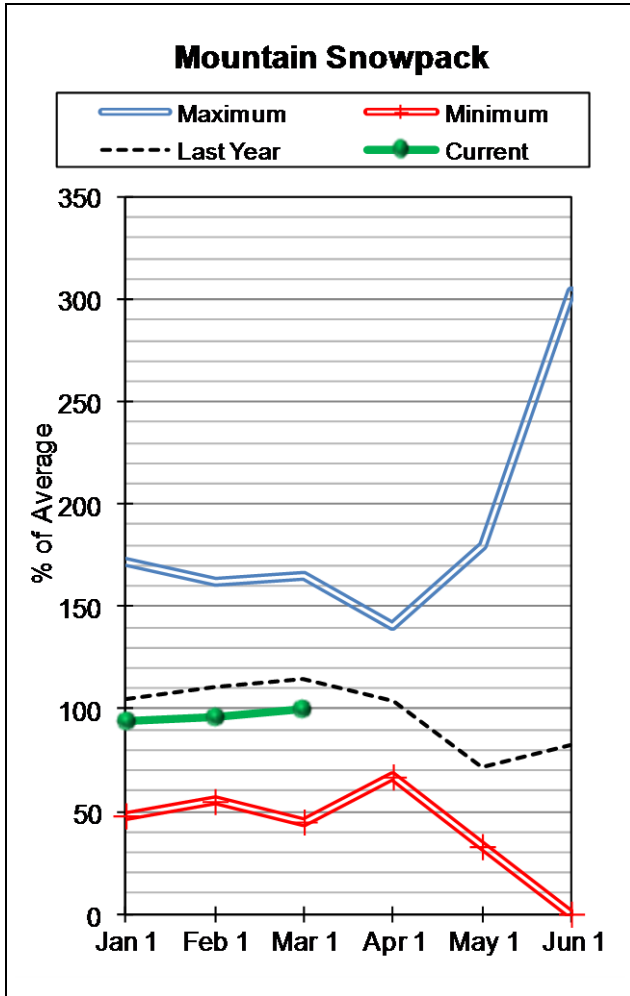
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* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Missouri Mainstem River Basin



Snowpack conditions in the Headwaters Missouri Mainstem River Basin were near normal on March 1. Snow water content was 100 percent of median and 77 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 111 percent of average and 80 percent of last year. Water year precipitation, beginning October 1, 2012, was 106 percent of average and 87 percent of last year.

Canyon Ferry Lake storage was 101 percent of average and 95 percent of last year; Helena Valley storage was 123 percent of average and 95 percent of last year; Lake Helena storage was 91 percent of average and 101 percent of last year; Hauser & Helena storage was 95 percent of average and 101 percent of last year; Holter Lake storage was 103 percent of average and 101 percent of last year; and Fort Peck Lake storage was 99 percent of average and 84 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 90 percent.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Missouri R at Toston (2)	APR-JUL	915	1330	1610	90	1890	2300	1790
	APR-SEP	1060	1540	1870	90	2200	2680	2070
Dearborn R nr Craig	APR-JUL	34	62	82	92	102	130	89
	APR-SEP	38	68	89	94	110	140	95
Missouri R at Fort Benton (2)	APR-JUL	1310	1920	2330	89	2740	3350	2610
	APR-SEP	1570	2300	2790	90	3280	4010	3110
Missouri R nr Virgelle (2)	APR-JUL	1510	2210	2690	90	3170	3870	3000
	APR-SEP	1750	2580	3150	90	3720	4550	3520
Missouri R nr Landusky (2)	APR-JUL	1630	2360	2850	90	3340	4070	3160
	APR-SEP	1880	2750	3340	90	3930	4800	3720
Missouri R bl Ft Peck Dam (2)	APR-JUL	1560	2360	2900	90	3440	4240	3240
	APR-SEP	1580	2580	3260	88	3940	4940	3700
Lake Sakakawea Inflow (2)	APR-JUL	4100	5940	7190	87	8440	10300	8310
	APR-SEP	4220	6510	8060	86	9610	11900	9400

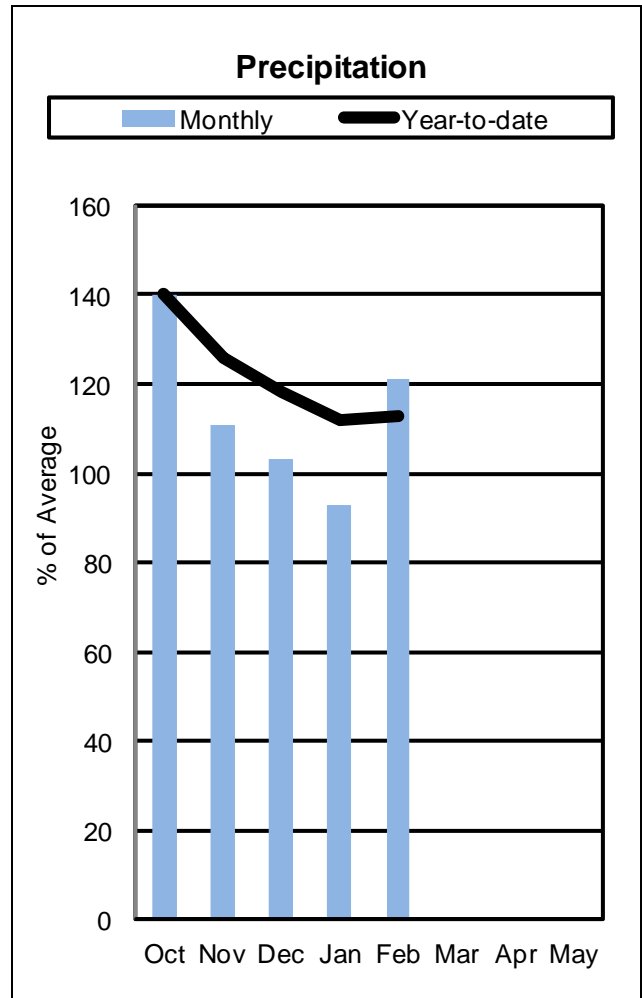
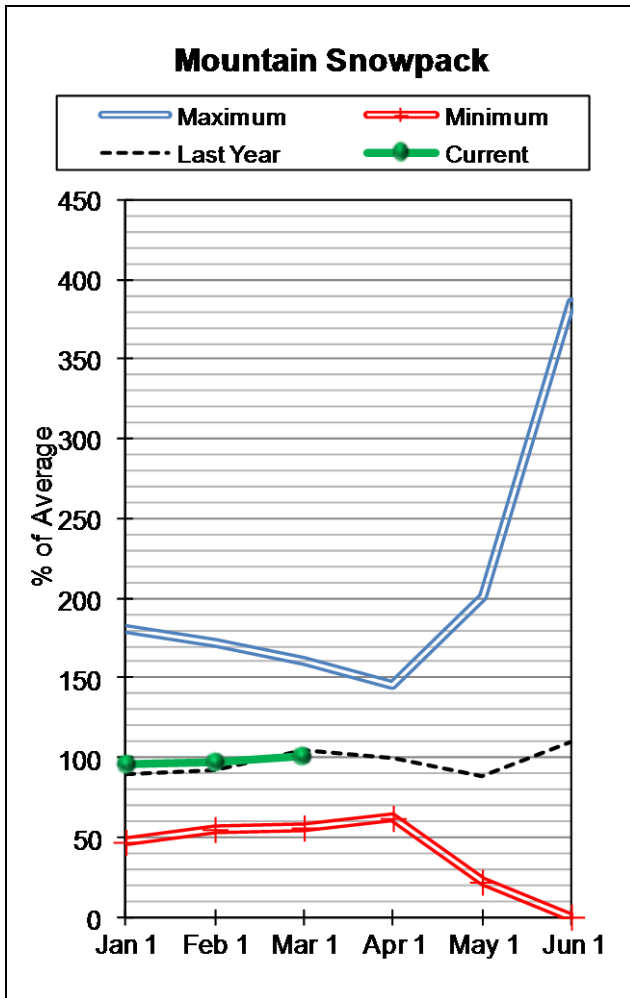
MISSOURI MAINSTEM RIVER BASIN Reservoir Storage (1000 AF) - End of February					MISSOURI MAINSTEM RIVER BASIN Watershed Snowpack Analysis - March 1, 2013			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
CANYON FERRY LAKE	2043.0	1499.6	1582.0	1482.0	HEADWATERS MAINSTEM	9	77	100
HELENA VALLEY	9.2	5.4	5.7	4.4	SMITH-JUDITH-MUSSELSHELL	11	90	101
LAKE HELENA	12.7	9.9	9.8	10.9	SUN-TETON-MARIAS	12	72	84
HAUSER & HELENA	74.6	70.2	69.6	73.7	MAINSTEM ab FT PECK RES	31	81	93
HOLTER LAKE	81.9	81.5	81.0	79.5	MILK RIVER BASIN	9	184	119
FORT PECK LAKE	18910.0	12655.0	15060.0	12838.0	MISSOURI MAINSTEM BASIN	39	86	99

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Smith-Judith-Musselshell River Basins



Snowpack conditions in the Smith-Judith-Musselshell River Basins were near normal March 1. Snow water content was 101 percent of median and 99 percent of last year. Snow water content in the Smith River Basin was 105 percent of median and 88 percent of last year; the Judith River Basin was 102 percent of median and 84 percent of last year; and the Musselshell Basin River was 90 percent of median and 85 percent of last year.

Mountain precipitation according to SNOTEL stations during February in all three basins was 121 percent of average and 72 percent of last year. Water year precipitation for the greater basin, beginning October 1, 2012, was 113 percent of average and 96 percent of last year.

Ackley storage was 112 percent of average and 74 percent of last year; Bair storage was 134 percent of average and 77 percent of last year; Martinsdale storage was 78 percent of average and 68 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 91 percent.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		===== Wetter =====>				
		90% (1000AF)	70% (1000AF)	50% (1000AF)	30% (1000AF)	10% (1000AF)	Chance Of Exceeding * (% AVG.)	
Sheep Ck nr White Sulphur Springs	APR-JUL	10.5	13.9	16.2	105	18.5	22	15.5
	APR-SEP	12.4	16.4	19.1	104	22	26	18.4
Smith R bl Eagle Ck (2)	APR-JUL	56	89	112	106	135	168	106
	APR-SEP	58	97	124	107	151	190	116
NF Musselshell R nr Delpine	APR-JUL	2.3	3.5	4.3	100	5.1	6.3	4.3
	APR-SEP	2.8	4.1	5.0	100	5.9	7.2	5.0
SF Musselshell R ab Martinsdale	APR-JUL	2.2	17.6	28	80	38	54	35
	APR-SEP	2.5	18.9	30	79	41	58	38
Musselshell R at Harlowton (2)	APR-JUL	0.0	24	48	84	72	106	57
	APR-SEP	0.0	24	49	83	74	111	59
Musselshell R nr Roundup (2)	APR-JUL	-20.0	3.0	48	72	93	159	67
	APR-SEP	-20.0	1.2	46	70	91	157	66

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of February

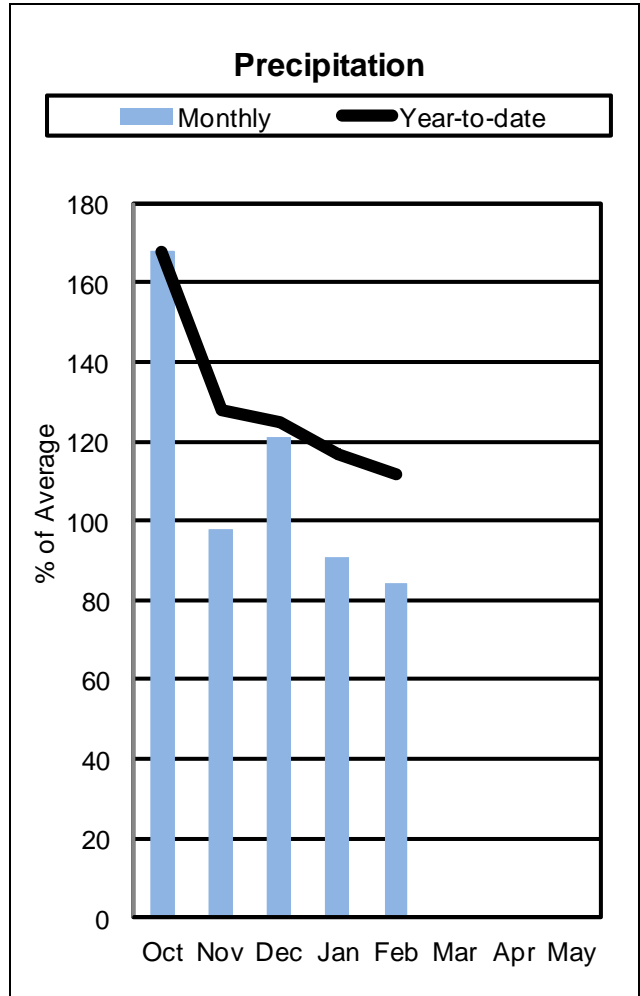
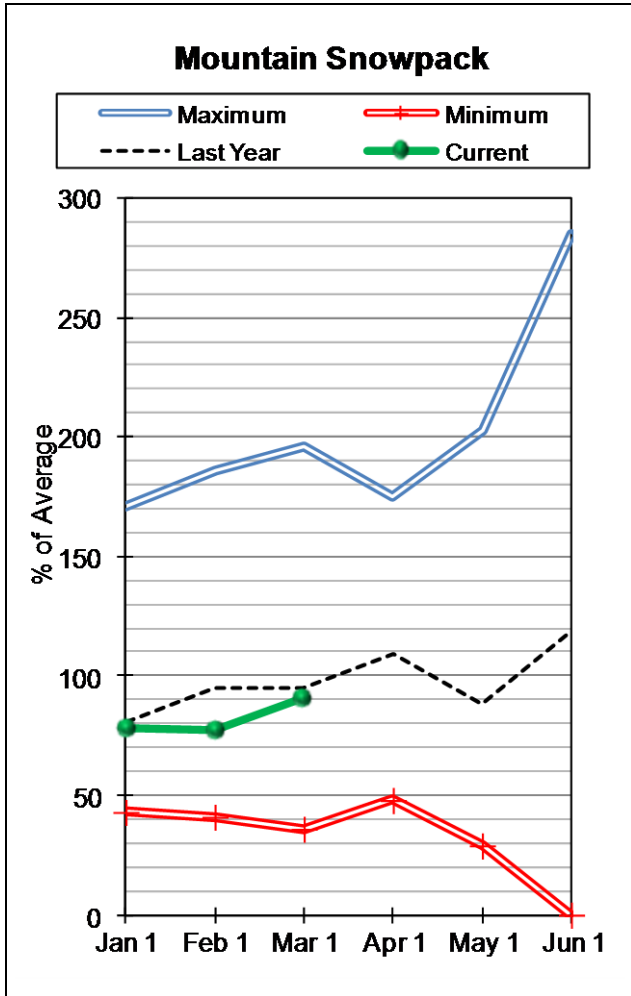
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
SMITH RIVER	10.6	7.1	8.0	5.8	SMITH	7	90	105
ACKLEY LAKE	7.0	2.9	3.9	2.6	HIGHWOOD	0	108	0
BAIR	7.0	4.3	5.6	3.2	JUDITH	5	85	102
MARTINSDALE	23.1	6.1	9.0	7.8	MUSSELSHELL	3	95	90
DEADMAN'S BASIN	72.2	53.0	67.0	43.4	SMITH-JUDITH-MUSSELSHELL	11	90	101

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Sun-Teton-Marias River Basins



Snowpack conditions in the Sun-Teton-Marias River Basins were below normal on March 1. Snow water content was 91 percent of median and 72 percent of last year. Snow water content in the Sun River Basin was 90 percent of median and 70 percent of last year; the Teton River Basin was 80 percent of median and 64 percent of last year; and the Marias River Basin was 94 percent of median and 77 percent of last year.

Mountain precipitation according to SNOTEL stations during February in all three basins was 84 percent of average and 96 percent of last year. Mountain water year precipitation for the greater basin according to SNOTEL stations, beginning October 1, 2012, was 112 percent of average and 103 percent of last year.

Gibson storage was 39 percent of average and 39 percent of last year; Pishkun storage was 10 percent of average and 9 percent of last year; Willow Creek storage was 118 percent of average and 96 percent of last year; Swift storage was 93 percent of average and 109 percent of last year; Lake Frances storage was 70 percent of average and 49 percent of last year; and Lake Elwell (Tiber) storage was 108 percent of average and 104 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 94 percent.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		30%	10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Gibson Reservoir Inflow (2)	APR-JUL	260	325	365	92	405	470	395
	APR-SEP	295	360	405	92	450	515	440
Two Medicine R nr Browning (2)	APR-JUL	128	154	171	93	188	215	183
	APR-SEP	137	164	182	94	200	225	194
Badger Ck nr Browning	APR-JUL	56	72	82	93	92	108	88
	APR-SEP	65	82	94	91	106	123	103
Swift Reservoir Inflow (2)	APR-JUL	34	46	54	95	62	74	57
	APR-SEP	42	55	64	96	73	86	67
Dupuyer Ck nr Valier	APR-JUL	1.5	5.7	10.6	96	15.5	23	11.1
	APR-SEP	1.8	6.4	11.8	93	17.2	25	12.7
Cut Bank Ck nr Browning	APR-JUL	43	57	67	97	77	91	69
	APR-SEP	46	62	72	96	82	98	75
Marias R nr Shelby (2)	APR-JUL	156	265	335	97	405	515	345
	APR-SEP	153	265	345	96	425	535	360
Teton R nr Dutton	APR-JUL	5.0	18.9	38	91	57	85	42
	APR-SEP	5.0	22	43	90	64	94	48

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000 AF) - End of February

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - March 1, 2013

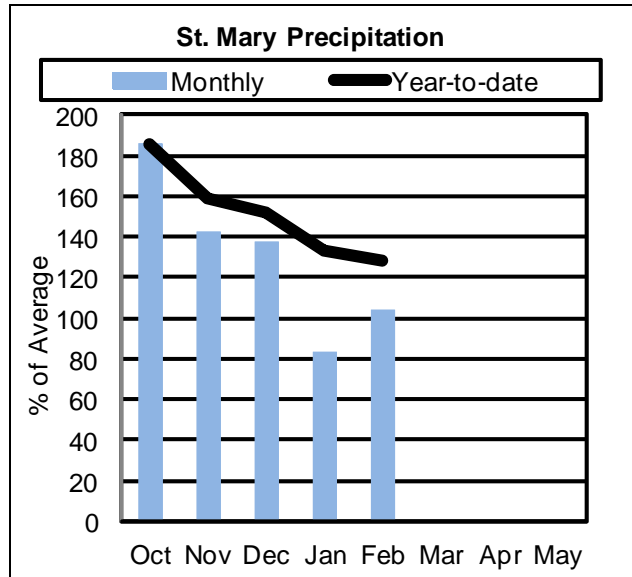
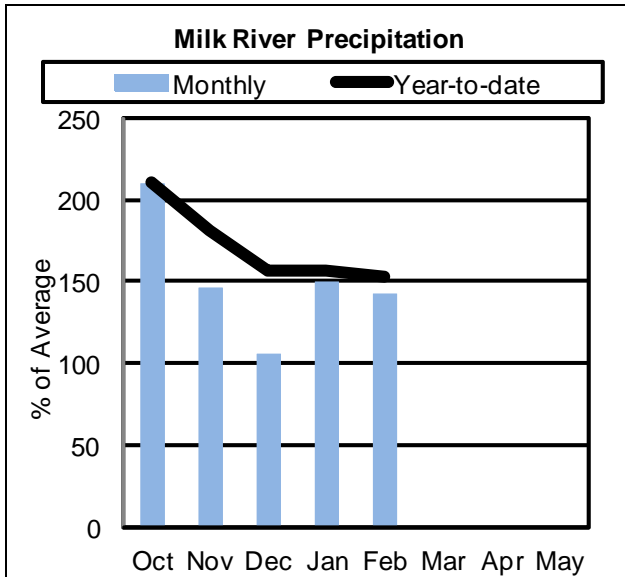
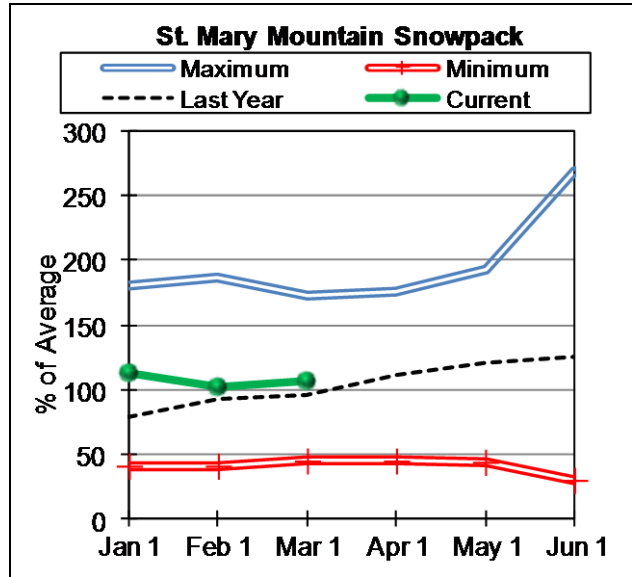
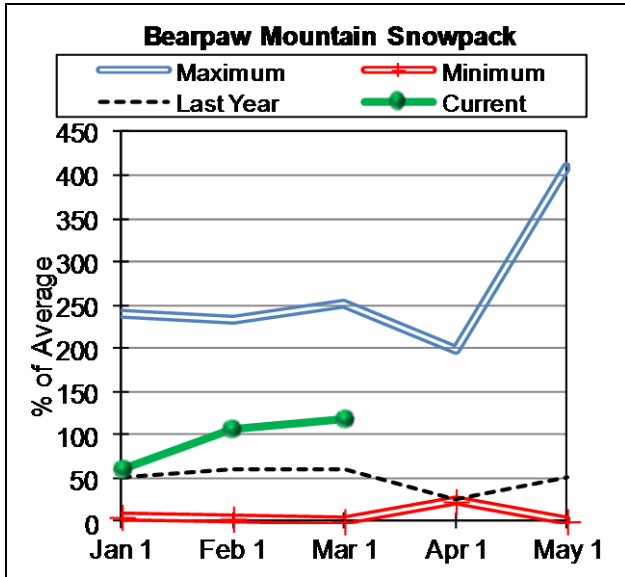
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
GIBSON	99.1	16.8	18.6	43.1	SUN	6	70	91
PISHKUN	32.0	1.8	19.7	17.2	TETON	4	64	80
WILLOW CREEK	32.2	27.6	28.9	23.3	MARIAS	5	77	79
LOWER TWO MEDICINE LAKE		NO REPORT			SUN-TETON-MARIAS	13	75	85
FOUR HORNS LAKE		NO REPORT						
SWIFT	30.0	15.3	14.0	16.5				
LAKE FRANCES	112.0	40.2	81.8	57.5				
LAKE ELWELL (TIBER)	1347.0	747.8	720.4	693.8				

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

St. Mary and Milk River Basins



Snowpack in the Saint Mary River Basin was near normal on March 1. Snow water content was 104 percent of median and 93 percent of last year. Snowpack in the Milk River Basin was near average at 119 percent of median and 184 percent of last year. The combined basins had a snowpack at 109 percent of median and 114 percent of last year.

Mountain precipitation, according to SNOTEL stations, in the St. Mary River Basin during February was 104 percent of average and 91 percent of last year; and in the Milk River Basin during February was 142 percent of average and 113 percent of last year. Water year precipitation for both basins, beginning October 1, 2012, was 131 percent of average and 127 percent of last year.

Lake Sherburne storage was 178 percent of average and 205 percent of last year; Fresno storage was 111 percent of average and 78 percent of last year; and Nelson storage was 138 percent of average and 84 percent of last year.

Assuming average precipitation, April through July streamflows in the St. Mary are forecast to average 101 percent. Assuming average precipitation, April through July streamflows in the Milk are forecast to average 99 percent.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		===== Wetter =====>				
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	
Lake Sherburne Inflow	APR-JUL	82	91	97	100	103	112	97
	APR-SEP	97	107	114	102	121	131	112
St. Mary R nr Babb (2)	APR-JUL	310	350	375	101	400	440	370
	APR-SEP	365	405	435	102	465	505	425
St. Mary R at Int'l Boundary (2)	APR-JUL	340	400	440	101	480	540	435
	APR-SEP	395	460	500	99	540	605	505
Milk R at Western Crossing	MAR-JUL	6.4	22	32	87	42	58	37
	MAR-SEP	5.8	23	34	87	45	62	39
	APR-JUL	4.2	17.8	27	87	36	50	31
	APR-SEP	3.6	18.7	29	88	39	54	33
Milk R at Eastern Crossing	MAR-JUL	1.0	35	62	111	89	129	56
	MAR-SEP	10.0	40	70	111	100	144	63
	APR-JUL	1.5	27	50	111	73	106	45
	APR-SEP	10.0	35	61	111	87	125	55

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of February

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - March 1, 2013

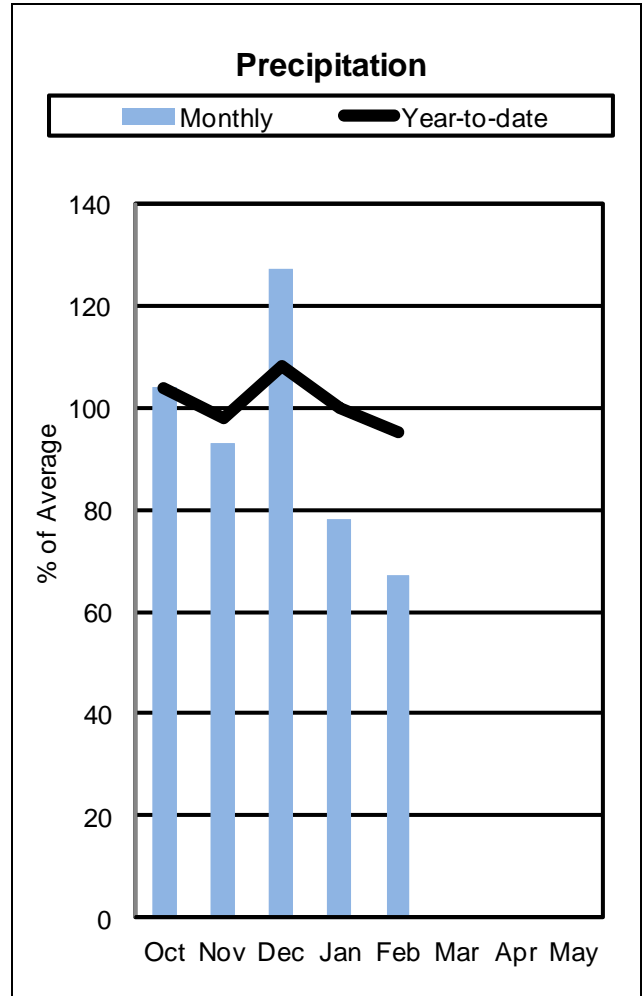
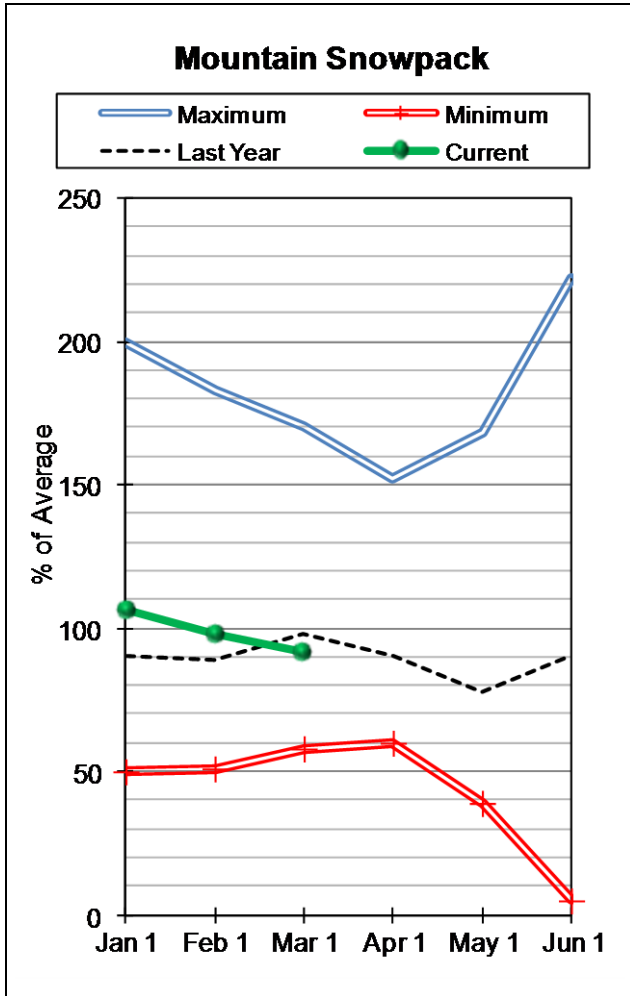
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
LAKE SHERBURNE	64.3	54.7	26.7	30.7	ST. MARY	3	93	104
FRESNO	127.0	47.1	60.6	42.6	BEARPAW MOUNTAINS	3	212	125
BEAVER CREEK		NO REPORT			CYPRESS HILLS, CANADA	6	167	115
NELSON	66.8	41.9	49.7	30.4	MILK RIVER BASIN	8	192	126
					ST. MARY & MILK BASINS	12	114	109

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

The average is computed for the 1981-2010 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

Upper Yellowstone River Basin



Snowpack conditions in the Upper Yellowstone River Basin were near normal on March 1. Snow water content was 92 percent of median and 80 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 67 percent of average and 50 percent of last year. Water year precipitation, beginning October 1, 2012, was 95 percent of average and 89 percent of last year.

Mystic Lake storage was 77 percent of average and 66 percent of last year and Cooney storage was not available at the time of this report.

Assuming average precipitation, April through July streamflows are forecast to average 86 percent.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Yellowstone R at Yellowstone Lake	APR-JUL	385	455	500	87	545	615	575
	APR-SEP	510	600	660	86	720	810	770
Yellowstone R at Corwin Springs	APR-JUL	1130	1320	1440	91	1560	1750	1590
	APR-SEP	1310	1530	1680	89	1830	2050	1880
Yellowstone R at Livingston	APR-JUL	1250	1480	1640	91	1800	2030	1800
	APR-SEP	1460	1730	1920	90	2110	2380	2140
Shields R nr Livingston	APR-JUL	16.0	61	92	71	123	168	129
	APR-SEP	16.0	67	101	71	135	186	143
Boulder R at Big Timber	APR-JUL	196	240	270	96	300	345	280
	APR-SEP	205	255	290	97	325	375	300
West Rosebud Ck nr Roscoe (2)	APR-JUL	42	47	51	86	55	60	59
	APR-SEP	53	60	65	88	70	77	74
Stillwater R nr Absarokee (2)	APR-JUL	285	345	390	88	435	495	445
	APR-SEP	335	410	460	89	510	585	520
Clarks Fk Yellowstone R nr Belfry	APR-JUL	355	415	455	89	495	555	510
	APR-SEP	385	450	495	90	540	605	550
Cooney Reservoir Inflow	APR-JUL	7.6	20	29	76	38	50	38
	APR-SEP	14.6	29	38	79	47	61	48
Yellowstone R at Billings	APR-JUL	1910	2470	2850	88	3230	3790	3230
	APR-SEP	2160	2820	3270	88	3720	4380	3730

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of February

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2013

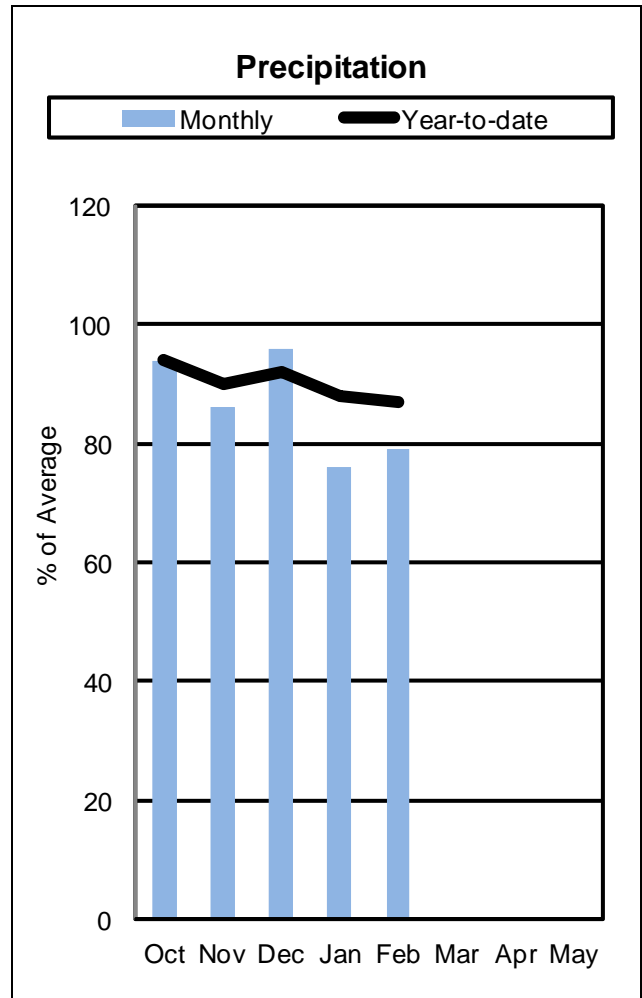
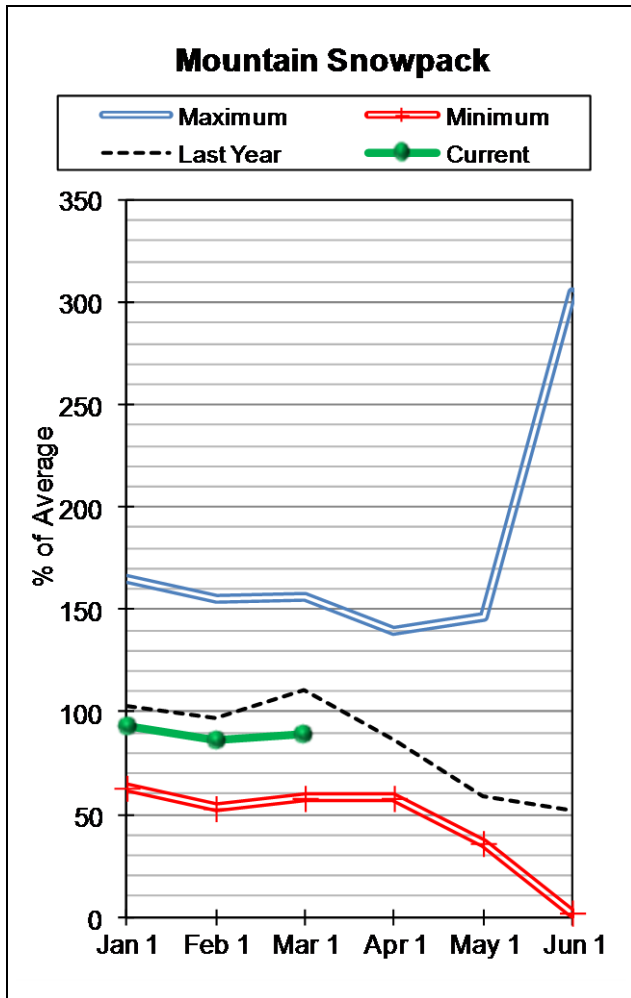
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
MYSTIC LAKE	21.0	2.3	3.5	3.0	YELLOWSTONE ab LIVINGSTON	14	85	93
COONEY		NO REPORT			SHIELDS	4	99	88
					BOULDER-STILLWATER	3	91	103
					RED LODGE-ROCK CREEK	5	49	78
					CLARK'S FORK	7	80	94
					UPPER YELLOWSTONE BASIN	29	81	92

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

The average is computed for the 1981-2010 base period.

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Lower Yellowstone River Basin



Snowpack conditions in the Lower Yellowstone River Basin were below normal on March 1. Snow water content was 89 percent of median and 68 percent of last year.

Mountain precipitation according to SNOTEL stations during February was 79 percent of average and 52 percent of last year. Water year precipitation, beginning October 1, 2012, was 87 percent of average and 73 percent of last year.

Bighorn Lake storage was 108 percent of average and 101 percent of last year and Tongue River storage was 172 percent of average and 80 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 82 percent.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - March 1, 2013

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Bighorn R nr St. Xavier (2)	APR-JUL	465	845	1100	80	1360	1730	1380
	APR-SEP	450	875	1160	80	1450	1870	1460
Little Bighorn R nr Hardin	APR-JUL	30	58	77	79	96	124	98
	APR-SEP	37	68	89	80	110	141	111
Tongue R nr Dayton (2)	APR-JUL	42	60	73	85	86	104	86
	APR-SEP	50	70	84	86	98	118	98
Big Goose Ck nr Sheridan	APR-JUL	15.5	27	35	76	43	54	46
	APR-SEP	23	35	43	80	51	63	54
Little Goose Ck nr Bighorn	APR-JUL	13.0	20	25	81	30	37	31
	APR-SEP	18.9	27	32	82	37	45	39
Tongue River Reservoir Inflow (2)	APR-JUL	35	101	145	75	189	255	193
	APR-SEP	49	118	165	77	210	280	215
Yellowstone R at Miles City (2)	APR-JUL	2440	3400	4050	85	4700	5660	4780
	APR-SEP	2700	3840	4610	85	5380	6520	5450
Powder R at Moorhead	APR-JUL	43	111	157	89	205	270	177
	APR-SEP	60	130	178	91	225	295	196
Powder R nr Locate	APR-JUL	42	122	177	89	230	310	199
	APR-SEP	55	141	200	91	260	345	220
Yellowstone R nr Sidney (2)	APR-JUL	2220	3320	4060	84	4800	5900	4830
	APR-SEP	2340	3640	4530	83	5420	6720	5430

LOWER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of February

LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2013

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Median
BIGHORN LAKE	1356.0	863.9	855.1	797.1	WIND RIVER (Wyoming)	19	70	83
TONGUE RIVER	79.1	48.4	60.6	28.2	SHOSHONE RIVER (Wyoming)	5	74	92
					BIGHORN RIVER (Wyoming)	18	71	94
					LITTLE BIGHORN (Wyoming)	3	61	82
					TONGUE RIVER (Wyoming)	10	60	90
					POWDER RIVER (Wyoming)	9	64	99
					LOWER YELLOWSTONE BASIN (47	67	89

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- (2) - The value is natural volume - actual volume may be affected by upstream water management.
- (3) - Median value used in place of average.

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Montana
Water Supply Outlook
Report
Natural Resources Conservation Service

