

Montana

Water Supply

Outlook Report

March 1, 2012



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, 2012

The accumulation of mountain snowpack across the state during February was very similar to January such that the bulk of the snow accumulation occurred during the second half of the month. Not only did both months provide above average snowfall statewide, but southwest Montana saw improvement in February which was not the case in January. Mountain and valley precipitation was only slightly above average across the state this month with large variations from basin to basin. Streamflow volume forecasts improved the same five percent that snowpack increased, due to the fact that streamflow volume predictions are primarily based on snowpack conditions.

Snowpack

Typical snowpack accumulation on March 1 for the Columbia is 85 percent of yearly maximum snowpack; Missouri is 79 percent; and Yellowstone is 76 percent. State-wide mountain snow water content was 95 percent of average and 84 percent of last year. West of the Divide snowpack was 97 percent of average and 85 percent of last year. East of the Divide snowpack was 97 percent of average and 89 percent of last year.

RIVER BASIN	% OF AVERAGE	LAST YEAR % OF AVERAGE	FEBRUARY % CHANGE
COLUMBIA	97	115	+4
KOOTENAI	103	117	+4
FLATHEAD	93	124	+7
UPPER CLARK FORK	100	111	+2
BITTERROOT	101	103	+2
LOWER CLARK FORK	99	117	-3
MISSOURI	90	111	+7
MISSOURI HEADWATERS	85	106	+5
JEFFERSON	85	104	+3
MADISON	81	103	+3
GALLATIN	84	112	+11
MISSOURI MAINSTEM	104	124	+6
HEADWATERS MAINSTEM	115	110	+4
SMITH-JUDITH-MUSSELSHELL	104	126	+12
SUN-TETON-MARIAS	95	105	0
MILK (Bearpaw Mtns)	61	217	0
ST. MARY	95	111	+2
ST. MARY & MILK	84	144	+3
YELLOWSTONE	106	108	+12
UPPER YELLOWSTONE	98	113	+8
LOWER YELLOWSTONE	111	103	+14
STATE-WIDE	95	113	+5

Precipitation

February mountain and valley precipitation across the state was 103 percent of average and 91 percent of last year, while the water year precipitation was 97 percent of average and 85 percent of last year. West of the Continental Divide, February mountain and valley precipitation was 97 percent of average and 85 percent of last year and the water year precipitation was 98 percent of average and 85 percent of last year. East of the Divide, February mountain and valley precipitation was 108 percent of average and 97 percent of last year and the water year precipitation was 95 percent of average and 85 percent of last year.

RIVER BASIN	FEBRUARY % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	97	98
KOOTENAI	86	96
FLATHEAD	113	96
UPPER CLARK FORK	96	101
BITTERROOT	100	106
LOWER CLARK FORK	83	96
MISSOURI	104	97
JEFFERSON	96	90
MADISON	95	89
GALLATIN	121	88
MISSOURI MAINSTEM	115	108
SMITH-JUDITH-MUSSELSHELL	140	116
SUN-TETON-MARIAS	75	99
MILK	162	96
ST. MARY	94	97
YELLOWSTONE	132	104
UPPER YELLOWSTONE	116	98
LOWER YELLOWSTONE	151	111
STATEWIDE	103	97

Reservoirs

State-wide reservoir storage was 110 percent of average and 100 percent of last year. Reservoir storage west of the divide was 133 percent of average and 99 percent of last year. East of the Divide, reservoir storage was 103 percent of average and 100 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	149	114
KOOTENAI	190	120
FLATHEAD	127	109
UPPER CLARK FORK	116	233
BITTERROOT	106	71
LOWER CLARK FORK	101	102
MISSOURI	103	99
JEFFERSON	118	103
MADISON	109	101
GALLATIN	100	68
MISSOURI MAINSTEM	103	99
SMITH-JUDITH-MUSSELSHELL	127	92
SUN-TETON-MARIAS	108	98
MILK	130	93
ST. MARY	93	53
YELLOWSTONE	108	101
UPPER YELLOWSTONE	108	97
LOWER YELLOWSTONE	108	101
STATEWIDE	113	103

Streamflow

State-wide, streamflows are forecast to be 96 percent of average. West of the Divide streamflows are forecast to be 97 percent of average and east of the Divide are forecast to be 95 percent of average.

Following are streamflow forecasts for the period April 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. The figures below are the combined averages of the individual forecast points within the particular basin. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	April-July THIS YEAR % OF AVERAGE	April-July LAST YEAR % OF AVERAGE
COLUMBIA	97	115
KOOTENAI	91	107
FLATHEAD	99	125
UPPER CLARK FORK	99	110
BITTERROOT	101	106
LOWER CLARK FORK	93	112
MISSOURI	88	110
JEFFERSON	76	96
MADISON	86	96
GALLATIN	89	105
MISSOURI MAINSTEM	84	102
SMITH-JUDITH-MUSSELSHELL	99	121
SUN-TETON-MARIAS	99	111
MILK	88	164
ST. MARY	99	112
YELLOWSTONE	107	99
UPPER YELLOWSTONE	96	102
LOWER YELLOWSTONE	118	96
STATE-WIDE	96	110

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

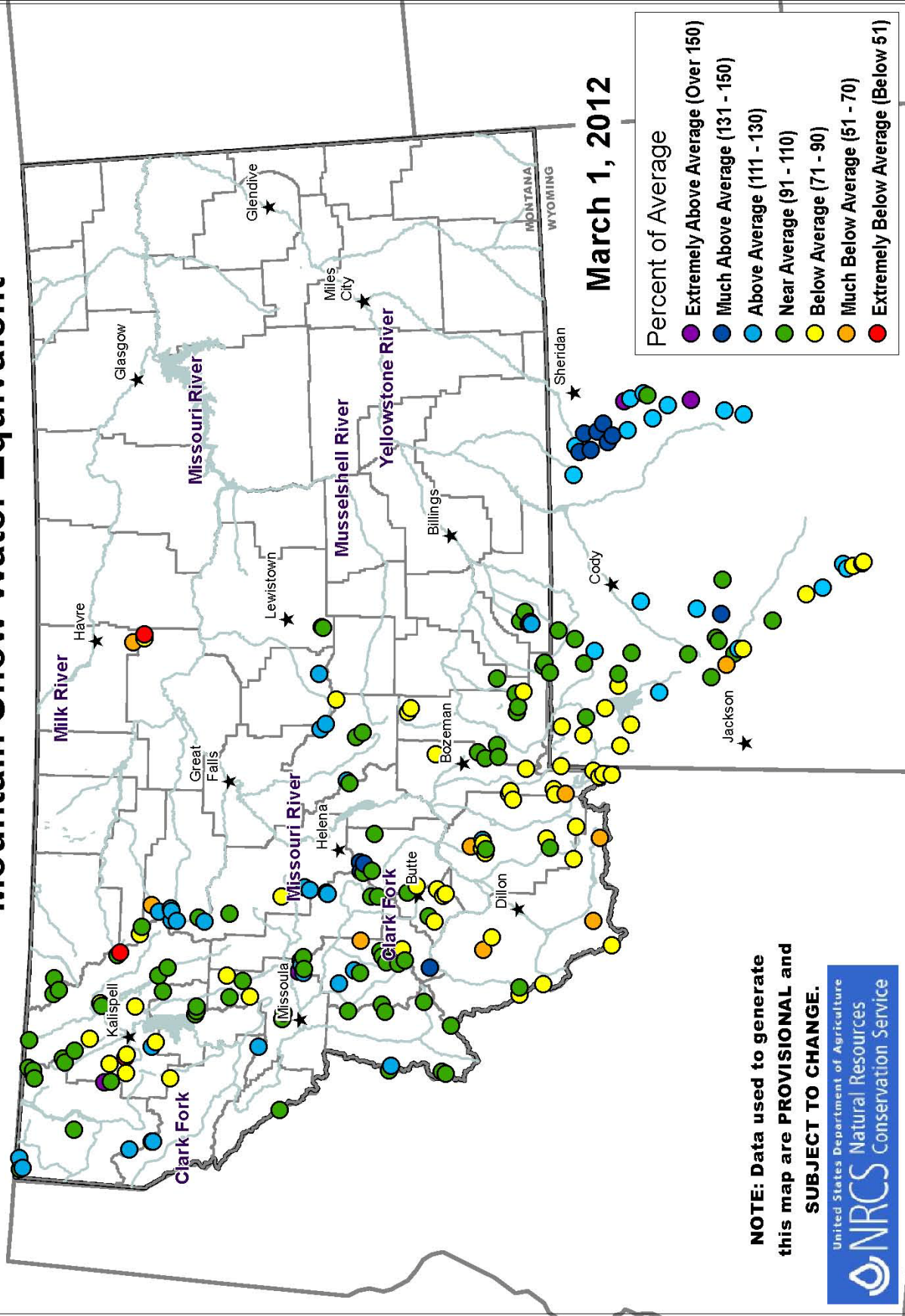
Surface Water Supply Index

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.

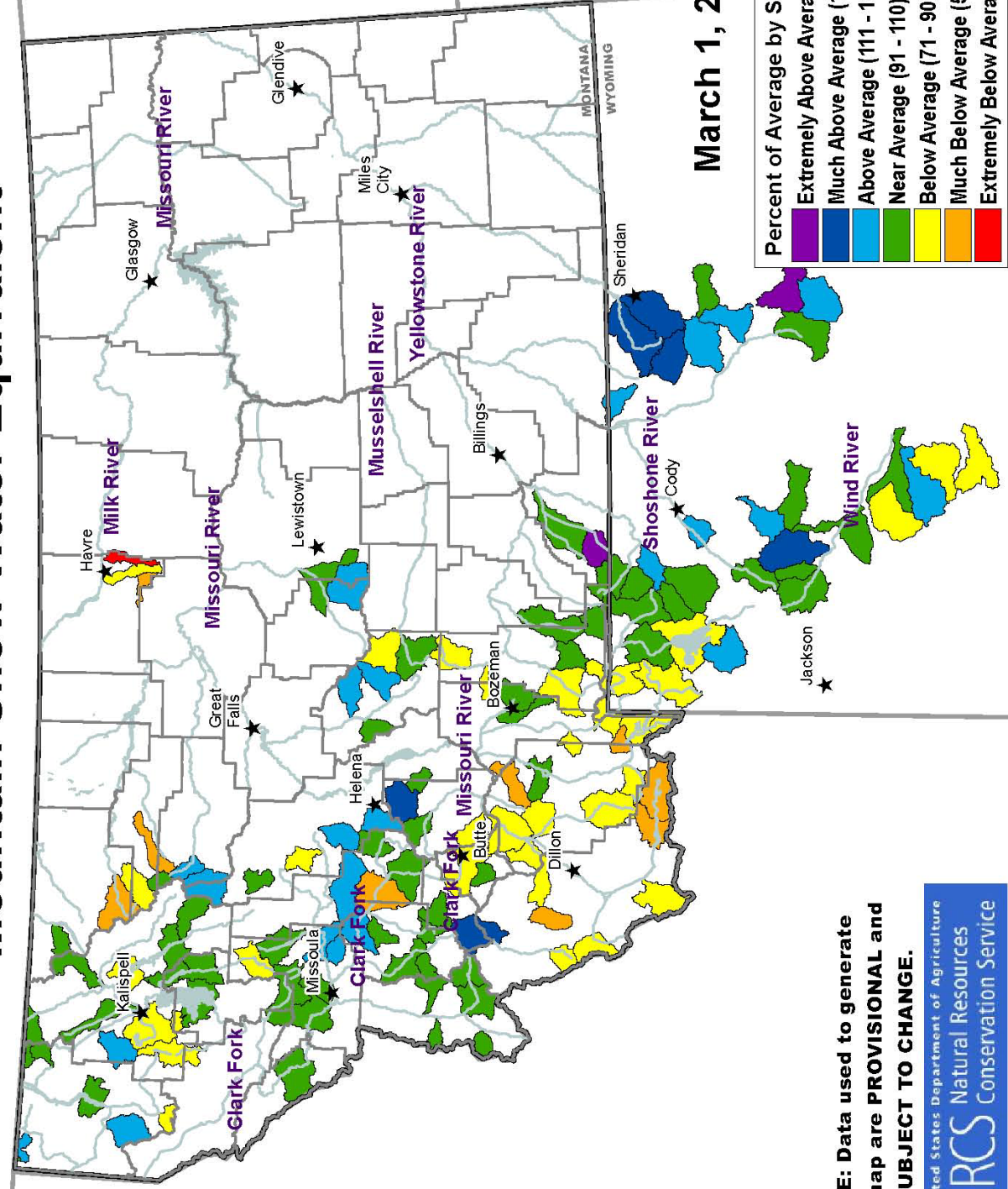
SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

This Year SWSI	Last Year SWSI	Basin
0.0	+1.7	Tobacco River
+0.8	+1.5	Kootenai Ft. Steele to Libby Dam
+3.2	+2.9	Kootenai River below Libby Dam
-0.4	+1.5	Fisher River
-0.1	+0.8	Yaak River
+0.6	+2.3	North Fork Flathead River
+0.5	+2.1	Middle Fork Flathead River
+1.8	+3.7	South Fork Flathead River
+0.8	+2.7	Flathead River at Columbia Falls
+0.2	+3.4	Swan River
+0.6	+2.4	Flathead River at Polson
+0.7	----	Mission Valley
+2.1	+1.3	Little Bitterroot River
+0.9	+1.5	Clark Fork River above Milltown
+0.6	----	Clark Fork above Missoula
+0.4	+2.4	Blackfoot River
+0.7	+1.4	Bitterroot River
+0.6	+1.8	Clark Fork River below Bitterroot River
+0.6	+2.2	Clark Fork River below Flathead River
+0.3	+0.8	Beaverhead River
-0.6	+1.1	Ruby River
-0.8	+1.2	Big Hole River
+0.4	+0.2	Boulder River (Jefferson)
+0.7	+1.8	Jefferson River
-0.8	+0.3	Madison River
-0.8	+1.1	Gallatin River
+0.1	+0.5	Missouri River above Canyon Ferry
+0.2	+0.1	Missouri River below Canyon Ferry
+3.2	+2.6	Smith River
+0.4	+1.4	Sun River
+1.7	+1.7	Teton River
+1.4	+1.3	Birch/Dupuyer Creeks
+4.0	+3.5	Upper Judith River
+0.1	+0.6	Marias River above Tiber
+2.0	+2.7	Marias River below Tiber
+1.4	+2.4	Musselshell River
+1.0	+0.9	Missouri River above Ft. Peck
+0.2	+1.1	Missouri River below Ft. Peck
+0.7	+2.5	St. Mary River
+1.6	+3.1	Milk River
+0.5	+2.0	Dearborn River near Craig
+0.3	+1.7	Yellowstone River above Livingston
-0.2	+2.1	Shields River
+0.1	+2.4	Boulder River (Yellowstone)
-0.8	-0.1	Stillwater River
+0.2	-0.9	Rock/Red Lodge Creeks
+1.2	+1.5	Clarks Fork River
+0.2	+1.5	Yellowstone River above Bighorn River
+0.8	+0.4	Bighorn River below Bighorn Lake
+2.4	+1.2	Little Bighorn River
+0.5	+1.0	Yellowstone River below Bighorn River
+2.9	+1.0	Tongue River
+2.3	+1.1	Powder River

Mountain Snow Water Equivalent



Mountain Snow Water Equivalent

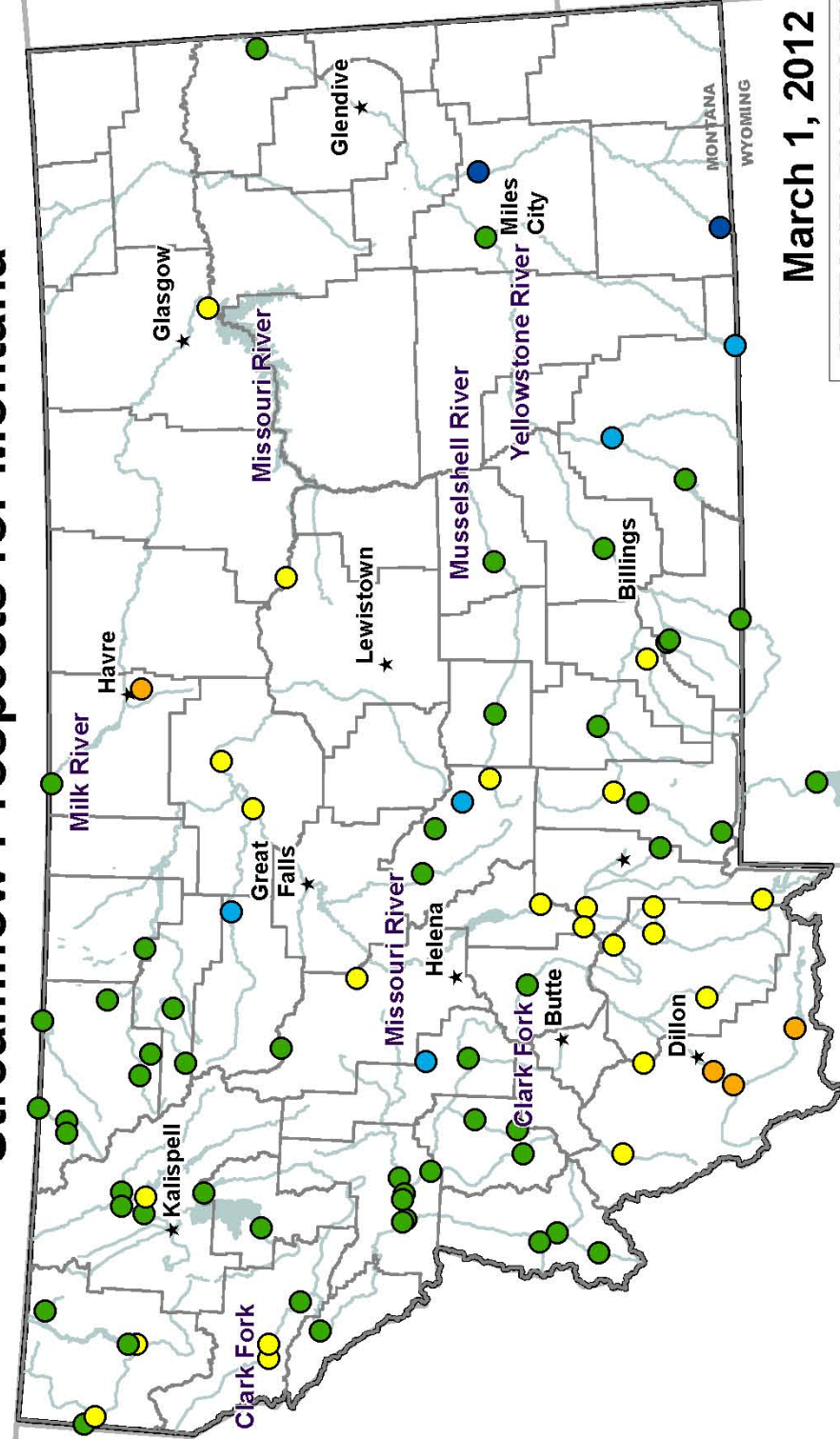


March 1, 2012

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



Streamflow Prospects for Montana



March 1, 2012

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)

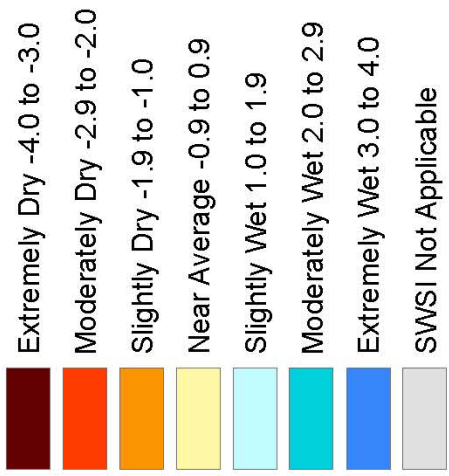
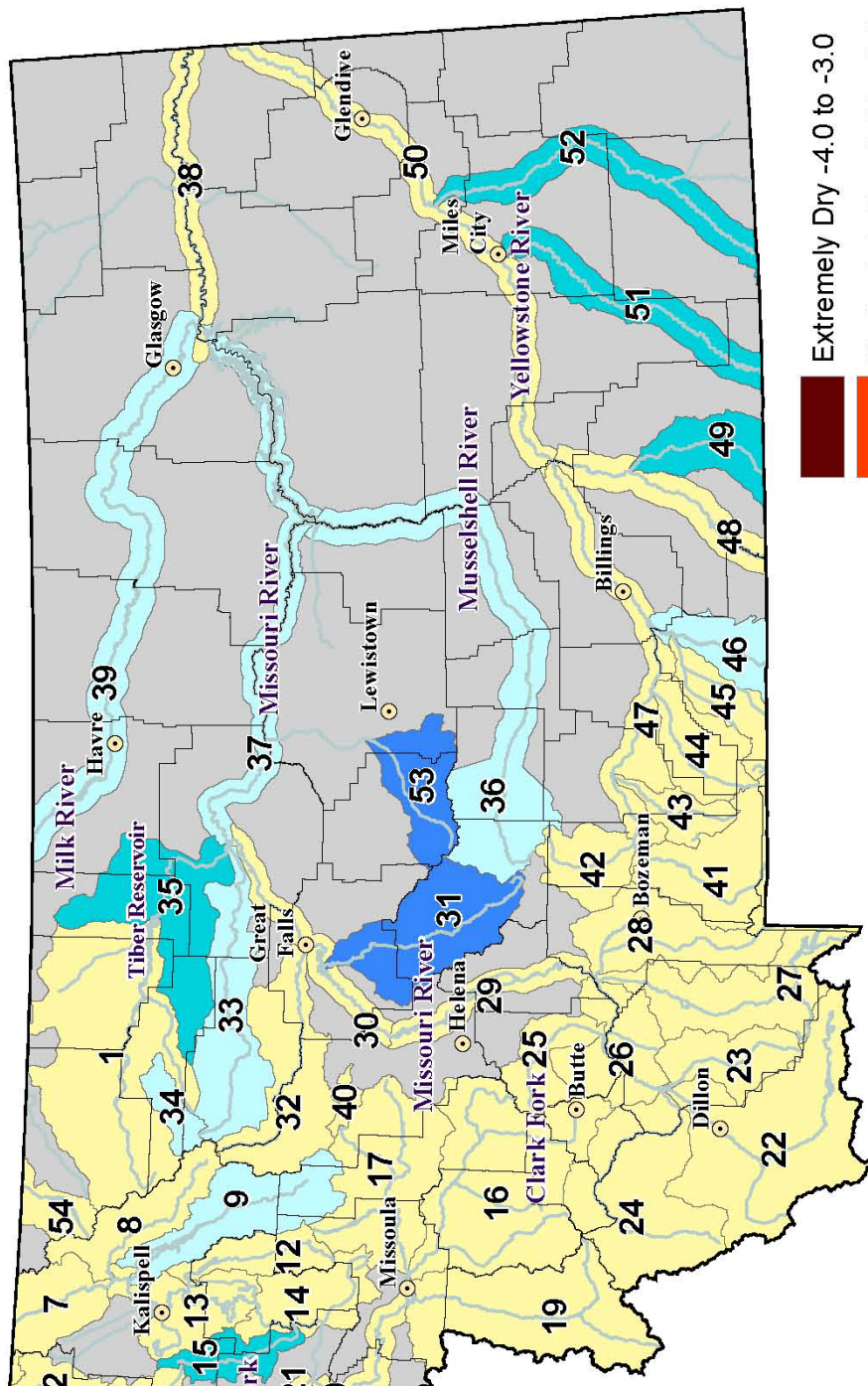
NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.



Surface Water Supply Index (SWSI) Values

RIVER INDEX & SWSI VALUES

- 1 Marias above Tiber Reservoir 0.1
- 2 Tobacco 0
- 3 Kootenai Ft. Steele to Libby Dam 0.8
- 4 Kootenai below Libby Dam 3.2
- 5 Fisher -0.4
- 6 Yaak -0.1
- 7 North FK. Flathead 0.6
- 8 Middle FK. Flathead 0.5
- 9 South FK. Flathead 1.8
- 10 Stillwater at Columbia Falls 0.8
- 11 Stillwater/Whitefish River
- 12 Swan 0.2
- 13 Flathead at Polson 0.6
- 14 Mission Valley 0.7
- 15 Little Bitterroot 2.1
- 16 Clark Fork above Milltown 0.9
- 17 Blackfoot 0.4
- 18 Clark Fork above Missoula 0.6
- 19 Bitterroot 0.7
- 20 Clark Fork River below Bitterroot 0.6
- 21 Clark Fork River below Flathead 0.6
- 22 Beaverhead 0.3
- 23 Ruby -0.6
- 24 Big Hole -0.8
- 25 Boulder (Jefferson) 0.4
- 26 Jefferson 0.7
- 27 Madison -0.8
- 28 Gallatin -0.8
- 29 Missouri above Canyon Ferry 0.1
- 30 Missouri below Canyon Ferry 0.2
- 31 Smith 3.2
- 32 Sun 0.4
- 33 Teton 1.7
- 34 Birch/Dupuyer Creeks 1.4
- 35 Marias 2
- 36 Musselshell 1.4
- 37 Missouri above Fort Peck 1
- 38 Missouri below Fort Peck 0.2
- 39 Milk 1.6
- 40 Dearborn near Craig 0.5
- 41 Yellowstone above Livingston 0.3
- 42 Shields -0.2
- 43 Boulder (Yellowstone) 0.1
- 44 Stillwater -0.8
- 45 Rock/Red Lodge Creeks 0.2
- 46 Clarks Fork Yellowstone 1.2
- 47 Yellowstone above Bighorn River 0.2
- 48 Bighorn below Bighorn Lake 0.8
- 49 Little Bighorn 2.4
- 50 Yellowstone below Bighorn 0.5
- 51 Tongue 2.9
- 52 Powder 2.3
- 53 Upper Judith 4
- 54 Saint Mary 0.7



March 7, 2012

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

S U M M A R Y O F
S N O W C O U R S E D A T A

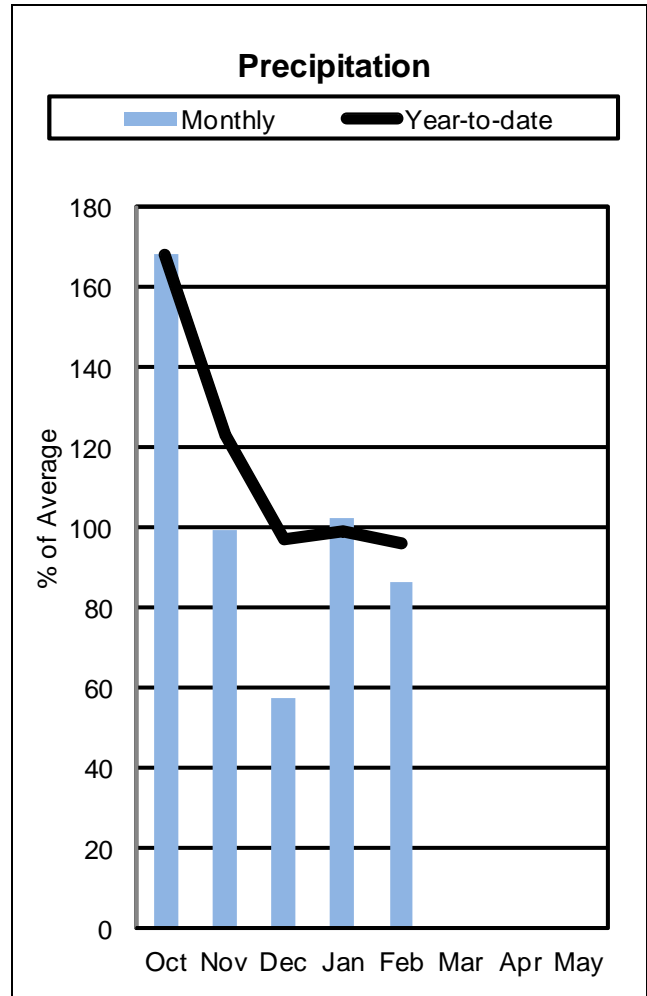
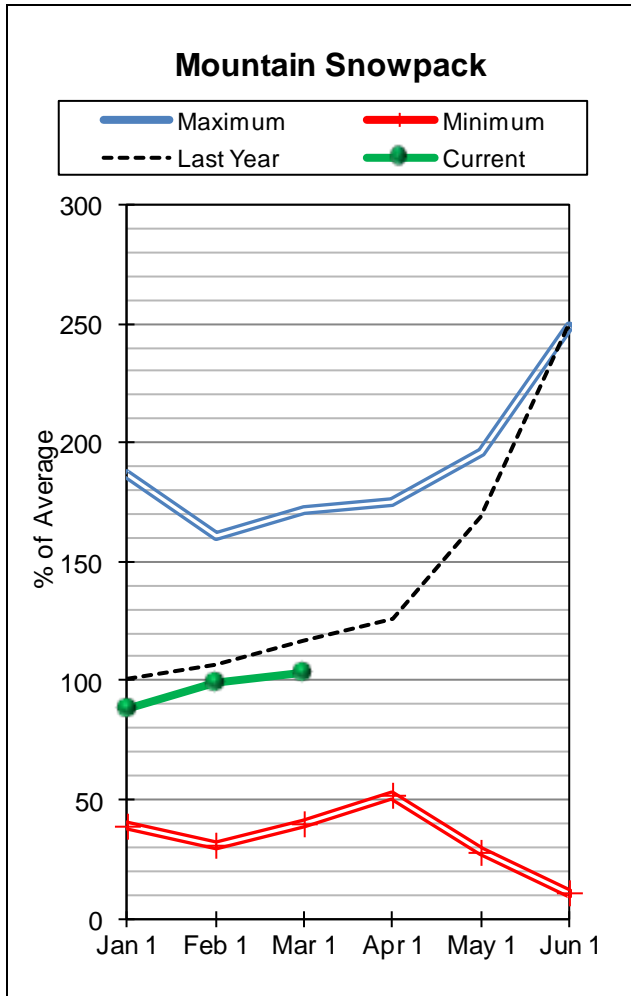
MARCH 2012

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ALBRO LAKE SNOTEL	8300	3/01/12	47	11.4	12.1	16.5
AMBROSE	6480	3/01/12	41	10.6	12.6	10.5
ARCH FALLS	7350	3/01/12	34	8.6	10.1	9.0
ASHLEY DIVIDE	4820	3/01/12	23	5.0	10.1	6.2
ASHLEY LAKE	4000	3/01/12	11	2.4	6.8	5.3
BADGER PASS SNOTEL	6900	3/01/12	83	29.9	30.4	29.7
BANFIELD MTN SNOTEL	5600	3/01/12	62	15.9	16.0	17.0
BAREE MIDWAY	4600	3/01/12	79	21.2	34.4	28.7
BAREE TRAIL	3800	3/01/12	33	9.9	12.3	8.2
BARKER LAKES SNOTEL	8250	3/01/12	40	9.2	11.2	11.1
BASIN CREEK SNOTEL	7180	3/01/12	21	4.4	6.4	6.1
BASSOO PEAK	5150	3/05/12	32	8.0	11.2	9.0
BEAGLE SPGS SNOTEL	8850	3/01/12	31	5.7	8.7	7.0
BEAR BASIN	8150	3/01/12	---	14.5	19.9	16.6
BEAVER CREEK SNOTEL	7850	3/01/12	48	10.7	18.0	14.5
BIG SNOWY	7150	3/01/12	55	15.4	20.4	15.3
BISSON CREEK SNOTEL	4920	3/01/12	38	9.3	15.4	8.7
BLACK BEAR SNOTEL	7950	3/01/12	107	29.2	35.3	32.9
BLACK MOUNTAIN	7750	3/01/12	42	10.7	10.3	11.4
BLACK PINE SNOTEL	7100	3/01/12	41	10.6	11.8	10.1
BLACKTAIL	5650	3/01/12	41	10.9	17.2	12.3
BLACKTAIL MTN SNOTEL	5650	3/01/12	45	12.1	18.1	--
BLOODY DICK SNOTEL	7550	3/01/12	42	9.7	10.1	10.6
BLUE LAKE	5900	3/01/12	66	18.4	19.2	21.1
BOTS SOTS	7750	3/01/12	39	9.8E	7.8	6.2
BOULDER MTN SNOTEL	7950	3/01/12	67	18.1	17.7	16.6
BOX CANYON SNOTEL	6700	3/01/12	40	9.1	12.0	8.5
BOXELDER CREEK	5100	2/29/12	16	2.6	9.4	6.5
BRACKETT CR SNOTEL	7320	3/01/12	56	13.5	19.2	17.0
BRANHAM LAKES	8850	3/01/12	62	18.8	23.4	23.6
BRUSH CREEK TIMBER	5000	3/01/12	42	13.3	15.1	7.5
BULL MOUNTAIN	6600	3/01/12	24	5.0	5.4	5.1
BURNT MTN SNOTEL	5880	3/01/12	20	5.0	4.8	5.0
CABIN CREEK	5200	3/01/12	23	5.1	6.5	5.4
CALVERT CR SNOTEL	6430	3/01/12	41	10.5	9.1	7.5
CAMP SENIA	7890	3/01/12	44	11.8E	10.3	4.6
CARROT BASIN SNOTEL	9000	3/01/12	72	17.4	22.8	22.6
CHESSMAN RESERVOIR	6200	2/24/12	22	4.4	4.8	3.1
CHICKEN CREEK	4060	3/01/12	59	15.4	15.8	14.4
CLOVER MDW SNOTEL	8800	3/01/12	43	10.7	13.2	14.2
COLE CREEK SNOTEL	7850	3/01/12	42	12.3	8.0	12.0
COLLEY CREEK	6300	3/01/12	30	6.8	9.4	7.0
COMBINATION SNOTEL	5600	3/01/12	17	5.0	4.4	4.5
COPPER BOTTOM SNOTEL	5200	3/01/12	28	7.7	7.1	9.9
COPPER CAMP SNOTEL	6950	3/01/12	114	44.4	45.5	--
COPPER MOUNTAIN	7700	3/01/12	30	7.0	8.0	8.9
COTTONWOOD CREEK	6400	3/01/12	27	5.5E	5.2	6.0
COYOTE HILL	4200	3/01/12	39	10.0	11.3	9.1
CRYSTAL LAKE SNOTEL	6050	3/01/12	47	11.2	15.7	9.6
DAISY PEAK SNOTEL	7600	3/01/12	34	7.7	8.8	8.7
DALY CREEK SNOTEL	5780	3/01/12	39	9.9	9.9	9.4
DARKHORSE LK. SNOTEL	8700	3/01/12	74	21.6	26.8	26.6
DAVIS CREEK	5400	3/01/12	76	23.6	18.8	20.7
DEADMAN CR SNOTEL	6450	3/01/12	43	10.0	11.3	8.5
DESERT MOUNTAIN	5600	3/06/12	45	12.2	15.7	12.6
DISCOVERY BASIN	7050	3/01/12	34	8.3	10.2	8.4
DIVIDE SNOTEL	7800	3/01/12	28	6.1	9.5	8.7

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
DIX HILL	6400	3/01/12	43	11.6	10.8	10.0
DUPUYER CREEK SNOTEL	5750	3/01/12	25	6.3	10.8	9.2
EAGLE CREEK	7000	3/01/12	43	10.0	9.3	--
EAST FORK R.S.	5400	3/01/12	26	5.6	5.0	5.6
EL DORADO MINE	7800	3/01/12	38	10.2	11.4	15.8
ELK HORN SPRINGS	7800	3/01/12	29	5.2	10.1	7.6
ELK PEAK	8000	3/01/12	43	11.4	14.2	12.6
EMERY CREEK SNOTEL	4350	3/01/12	47	10.9	16.7	13.3
FATTY CREEK	5500	3/01/12	70	19.0	24.9	20.4
FISH CREEK	8000	3/01/12	26	7.0	9.2	7.8
FISHER CREEK SNOTEL	9100	3/01/12	98	28.5	32.6	29.6
FLATTOP MTN SNOTEL	6300	3/01/12	134	37.0	42.5	39.2
FLEECER RIDGE	7500	3/01/12	36	8.0	9.4	9.2
FOREST LAKE	6400	3/01/12	39	9.4	9.4	--
FOUR MILE	6900	3/01/12	30	7.6	6.2	6.8
FREIGHT CREEK	6000	3/01/12	46	14.0	11.4	12.6
FROHNER MDWS SNOTEL	6480	3/01/12	34	8.6	7.1	6.3
GARVER CREEK SNOTEL	4250	3/01/12	43	10.5	10.4	9.1
GOAT MOUNTAIN	7000	3/01/12	39	9.7	10.6	8.7
GRASSHOPPER	7000	3/01/12	19	4.6	7.7	4.7
GRAVE CRK SNOTEL	4300	3/01/12	67	15.0	16.8	14.5
GRIFFIN CR DIVIDE	5150	3/05/12	29	7.3	15.0	9.5
GUNSIGHT LAKE	6300	3/01/12	96	33.5	41.5	--
HAND CREEK SNOTEL	5030	3/01/12	40	9.2	12.4	9.9
HAWKINS LAKE SNOTEL	6450	3/01/12	85	25.3	26.0	23.1
HAYMAKER	8050	3/01/12	40	10.0	10.2	--
HEBGEN DAM	6550	3/01/12	30	6.4	10.5	10.8
HELL ROARING DIVIDE	5770	3/01/12	78	21.8	28.5	25.8
HERRIG JUNCTION	4850	3/01/12	79	21.2	26.9	22.2
HOODOO BASIN SNOTEL	6050	3/01/12	118	36.2	40.5	38.6
INTERGAARD	6450	3/01/12	24	5.9	5.9	6.2
KISHENEHN	3890	3/01/12	30	6.7	8.8	7.3
KRAFT CREEK SNOTEL	4750	3/01/12	51	14.4	15.3	13.6
LAKEVIEW CANYON	6930	3/01/12	21	4.9	9.2	8.5
LAKEVIEW RDG. SNOTEL	7400	3/01/12	34	5.6	8.8	9.2
LEMHI RIDGE SNOTEL	8100	3/01/12	31	7.0	9.5	8.7
LICK CREEK SNOTEL	6860	3/01/12	38	9.6	8.7	9.5
LITTLE PARK	7400	3/01/12	42	11.2	16.4	13.0
LOGAN CREEK	4300	3/01/12	25	5.0	8.1	6.2
LONE MOUNTAIN SNOTEL	8880	3/01/12	46	12.4	19.0	15.0
LOWER TWIN SNOTEL	7900	3/01/12	48	12.4	13.4	15.1
LUBRECHT SNOTEL	4680	3/01/12	26	7.7	7.1	5.3
LUBRECHT FOREST NO 3	5450	3/01/12	23	5.4	7.3	5.6
LUBRECHT FOREST NO 4	4650	3/01/12	13	3.4	3.5	2.7
LUBRECHT FOREST NO 6	4040	3/01/12	22	5.8	6.2	3.2
LUBRECHT HYDROPLOT	4200	3/01/12	21	6.2	7.5	5.1
MADISON PLT SNOTEL	7750	3/01/12	75	18.1	22.3	20.9
MANY GLACIER SNOTEL	4900	3/01/12	53	14.3	18.1	14.4
MARIAS PASS	5250	3/01/12	53	15.0	16.1	14.9
MIDDLE MILL CREEK	7850	3/01/12	46	12.7	13.1	13.3
MILL CREEK	7500	3/01/12	41	10.4	14.5	10.2
MINERAL CREEK	4000	2/28/12	60	14.6	16.6	15.8
MONUMENT PK SNOTEL	8850	3/01/12	63	15.1	21.5	17.2
MOSS PEAK SNOTEL	6780	3/01/12	103	30.5	46.3	31.3
MOULTON RESERVOIR	6850	3/01/12	23	5.9	9.8	6.2
MT LOCKHART SNOTEL	6400	3/01/12	60	19.9	22.4	17.6
MULE CREEK SNOTEL	8300	3/01/12	45	10.9	14.7	13.1
N.E. ENTRANCE SNOTEL	7350	3/01/12	41	9.3	11.1	9.7
NEVADA RIDGE SNOTEL	7020	3/01/12	57	16.0	14.9	13.2
NEW WORLD	6900	3/02/12	41	10.6	11.7	11.1
NEZ PERCE CMP SNOTEL	5650	3/01/12	47	12.1	12.1	12.7
NEZ PERCE PASS	6570	2/23/12	65	15.2	15.4	15.7
N.F. ELK CR SNOTEL	6250	3/01/12	43	11.1	13.6	10.2

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
NF JOCKO SNOTEL	6330	3/01/12	112	33.2	45.5	38.5
NOISY BASIN SNOTEL	6040	3/01/12	110	30.2	53.0	33.8
OPHIR PARK	7150	2/26/12	50	13.7	15.0	14.1
PETERSON MDW SNOTEL	7200	3/01/12	33	7.2	7.7	7.8
PICKFOOT CRK SNOTEL	6650	3/01/12	45	10.9	11.4	9.9
PIKE CREEK SNOTEL	5930	3/01/12	43	11.3	14.9	22.8
PIPESTONE PASS	7200	3/01/12	15	2.9	4.0	4.1
PLACER BASIN SNOTEL	8830	3/01/12	59	14.8	17.1	14.2
POORMAN CR SNOTEL	5100	3/01/12	110	35.0	39.1	28.2
PORCUPINE SNOTEL	6500	3/01/12	22	5.2	6.4	5.8
ROCK CREEK	5600	3/01/12	40	10.1	11.7	8.4
ROCK CREEK MEADOW	8160	3/01/12	51	13.4	17.8	16.6
ROCKER PEAK SNOTEL	8000	3/01/12	48	11.8	12.7	11.2
ROCKY BOY SNOTEL	4700	3/01/12	16	3.2	7.4	4.3
SACAJAWEA SNOTEL	6550	3/01/12	39	8.9	13.2	12.0
SADDLE MTN SNOTEL	7900	3/01/12	78	21.0	23.5	21.8
S.F. SHIELDS SNOTEL	8100	3/01/12	49	11.3	13.4	13.6
SHORT CREEK SNOTEL	7000	3/01/12	20	4.5	5.9	4.9
SHOWER FALLS SNOTEL	8100	3/01/12	66	16.4	18.8	17.4
SKALKAHO SNOTEL	7260	3/01/12	72	20.0	21.7	20.2
SLEEPING WOMAN SNTL	6150	3/01/12	55	15.4	19.1	14.0
SLIDE ROCK MOUNTAIN	7100	3/01/12	48	14.2	13.2	12.6
SMUGGLER MINE	6960	3/01/12	30	6.9	8.3	8.1
SPOTTED BEAR MTN.	7000	3/01/12	44	12.2	15.8	12.7
SPUR PARK SNOTEL	8100	3/01/12	76	20.6	22.5	17.7
STAHL PEAK SNOTEL	6030	3/01/12	105	27.6	37.2	29.9
STEMPLE PASS	6600	3/01/12	41	10.3	10.0	8.3
STORM LAKE	7780	3/01/12	40	10.3	11.2	10.2
STRYKER BASIN	6180	3/01/12	89	25.4	33.6	26.9
STUART MOUNTAIN SNTL	7400	3/01/12	89	27.2	38.1	28.9
TAYLOR ROAD	4080	2/29/12	10	1.6	8.2	2.7
TEN MILE LOWER	6600	2/23/12	35	7.8	7.5	5.9
TEN MILE MIDDLE	6800	2/23/12	40	9.1	7.9	8.9
TEPEE CREEK SNOTEL	8000	3/01/12	39	8.6	12.0	10.7
TIMBERLINE CREEK	8850	3/01/12	46	12.7E	12.0	11.0
TIZER BASIN SNOTEL	6840	3/01/12	36	7.7	7.0	7.9
TRINKUS LAKE	6100	3/01/12	109	34.0	41.8	36.4
TRUMAN CREEK	4060	3/01/12	19	5.2	7.3	4.4
TV MOUNTAIN	6800	3/01/12	50	14.4	20.2	15.0
TWELVEMILE SNOTEL	5600	3/01/12	60	18.9	14.6	16.0
TWENTY-ONE MILE	7150	3/01/12	44	11.6	14.8	14.3
TWIN CREEKS	3580	3/01/12	37	10.0	9.9	10.2
TWIN LAKES SNOTEL	6400	3/01/12	109	36.5	36.2	34.7
UPPER HOLLAND LAKE	6200	3/01/12	81	22.6	34.3	30.0
WALDRON SNOTEL	5600	3/01/12	39	11.6	11.5	9.7
WARM SPRINGS SNOTEL	7800	3/01/12	69	17.7	19.7	17.0
WEASEL DIVIDE	5450	3/01/12	94	27.9	35.0	28.7
WEST YELL 'ST SNOTEL	6700	3/01/12	48	9.8	12.0	11.2
WHISKEY CREEK SNOTEL	6800	3/01/12	59	12.8	16.0	14.4
WHITE MILL SNOTEL	8700	3/01/12	70	18.7	22.1	20.3
WHITE PINE RIDGE	8850	3/01/12	17	3.2	5.1	4.7
WOOD CREEK SNOTEL	5960	3/01/12	35	8.6	10.3	8.2
WRONG CREEK	5700	3/01/12	45	12.2	11.6	11.0
WRONG RIDGE	6800	3/01/12	---	17.8	18.2	15.4

Kootenai River Basin in Montana



Snowpack conditions in the Kootenai River Basin as of March 1 were near average. Snow water content was 103 percent of average and 88 percent of last year. Snowpack in the Kootenai in Canada was above average. Snow water content was 108 percent of average and 108 percent of last year.

Mountain precipitation during February was 87 percent of average and 74 percent of last year. Valley precipitation during February was 78 percent of average and 65 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 96 percent of average and 86 percent of last year.

Lake Koocanusa storage at the end of February was 190 percent of average and 120 percent of average.

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

Surface Water Supply Index (SWSI) was 0.0 in the Tobacco River; +0.8 in the Kootenai Ft. Steele to Libby Dam; +3.2 in the Kootenai River below Libby Dam; -0.4 in the Fisher River; and -0.1 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - March 1, 2012

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>					30-Yr Avg. (1000AF)	
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)		(1000AF)
Tobacco R nr Eureka	APR-JUL	89	110	125	92	140	161	136
	APR-SEP	97	121	138	92	155	179	150
Libby Reservoir Inflow (1,2)	APR-JUL	4580	5160	5420	96	5680	6260	5640
	APR-SEP	5630	6190	6450	97	6700	7260	6640
Fisher River nr Libby	APR-JUL	137	173	198	86	225	260	230
	APR-SEP	148	185	210	86	235	270	245
Yaak River nr Troy	APR-JUL	270	345	395	85	445	520	465
	APR-SEP	280	355	410	84	465	540	490
Kootenai R at Leonia (1,2)	APR-JUL	5750	6490	6830	97	7170	7910	7040
	APR-SEP	6760	7490	7820	96	8160	8890	8120

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

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - March 1, 2012

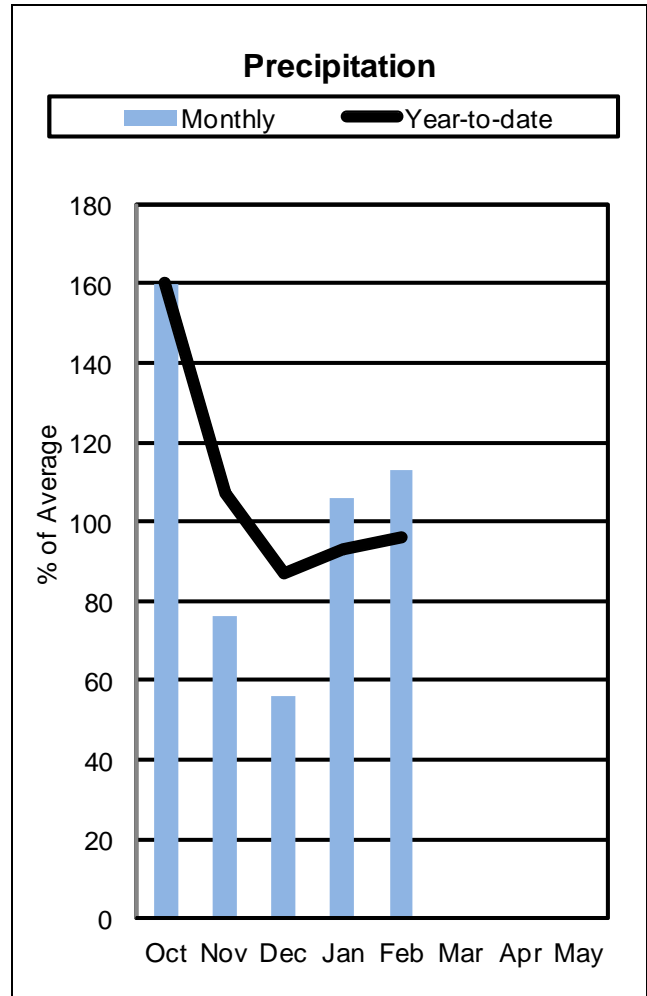
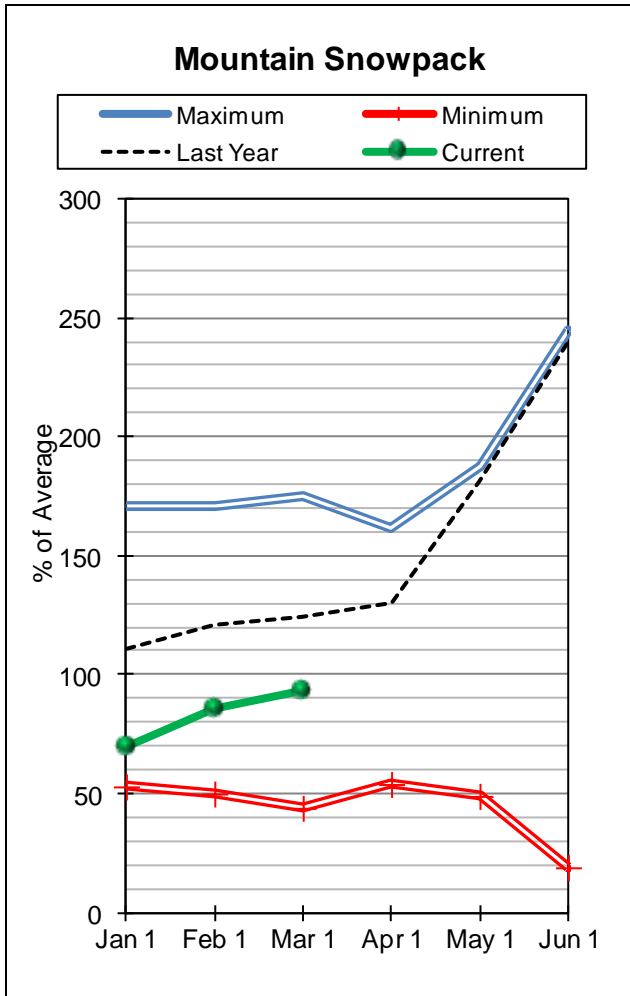
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LAKE KOOCANUSA	5748.0	3709.0	3096.0	1950.0	KOOTENAY in CANADA	19	108	108
					KOOTENAI MAINTSTEM	3	96	104
					TOBACCO	3	79	96
					FISHER	4	72	99
					YAAK	3	108	112
					KOOTENAI in MONTANA	13	88	103
					KOOTENAI ab BONNERS FERRY	32	97	105

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

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

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

Flathead River Basin



Snowpack conditions in the Flathead River Basin were near average on March 1. Snow water content was 93 percent of average and 76 percent of last year. Snowpack in the Flathead of Canada is near average. Snow water content was 106 percent of average and 80 percent of last year.

Mountain precipitation during February was 114 percent of average and 92 percent of last year. Valley precipitation during February was 96 percent of average and 96 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 96 percent of average and 80 percent of last year.

Hungry Horse Reservoir storage at the end of February was 136 percent of average and 110 percent of last year. Flathead Lake storage at the end of February was 105 percent of average and 99 percent of last year.

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

Surface Water Supply Index (SWSI) was +0.6 in the North Fork Flathead River; +0.5 in the Middle Fork Flathead River; +1.8 in the South Fork Flathead River; +0.8 in the Flathead River at Columbia Falls; +0.2 in the Swan River; +0.6 in the Flathead River at Polson; +0.7 in the Mission Valley; +2.1 in the Little Bitterroot River.

FLATHEAD RIVER BASIN
Streamflow Forecasts - March 1, 2012

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	1430	1560	1640	101	1730	1860	1620
	APR-SEP	1590	1730	1820	101	1910	2050	1800
MF Flathead R nr West Glacier	APR-JUL	1320	1470	1570	99	1670	1820	1590
	APR-SEP	1480	1630	1740	100	1850	2000	1740
SF Flathead R nr Hungry Horse	APR-JUL	1040	1150	1220	98	1290	1400	1250
	APR-SEP	1110	1220	1300	98	1380	1490	1330
Hungry Horse Reservoir Inflow (1,2)	APR-JUL	1400	1650	1760	88	1880	2130	2000
	APR-SEP	1510	1780	1900	90	2020	2290	2120
Flathead R at Columbia Falls (2)	APR-JUL	4510	4930	5210	97	5490	5910	5350
	APR-SEP	4900	5360	5660	97	5970	6430	5820
Ashley Ck nr Marion (2)	APR-JUL	3.7	5.1	6.1	85	7.1	8.5	7.2
	MARCH	0.3	0.8	1.1	103	1.4	1.9	1.1
Swan R nr Bigfork	APR-JUL	455	505	540	96	575	625	565
	APR-SEP	515	575	615	95	655	715	645
Flathead Lake Inflow (1,2)	APR-JUL	4780	5560	5910	96	6260	7040	6180
	APR-SEP	5220	6070	6460	96	6850	7700	6700
Mill Ck ab Bassoo Ck nr Niarada	APR-JUL	2.8	3.7	4.3	105	4.9	5.8	4.1
	APR-SEP	3.0	4.0	4.6	105	5.2	6.2	4.4
South Crow Ck nr Ronan	APR-JUL	7.7	9.3	10.3	102	11.3	12.9	10.1
	APR-SEP	8.8	10.5	11.7	102	12.9	14.6	11.5
Mission Ck nr St. Ignatius	APR-JUL	21	23	25	100	27	29	25
	APR-SEP	25	28	30	100	32	35	30
Sf Jocko R nr Arlee	APR-JUL	27	32	35	117	38	43	30
	APR-SEP	30	35	39	115	43	48	34
NF Jocko R bl Tabor Feeder Canal	APR-JUL	28	31	33	107	35	38	31
	APR-SEP	30	33	35	106	37	40	33

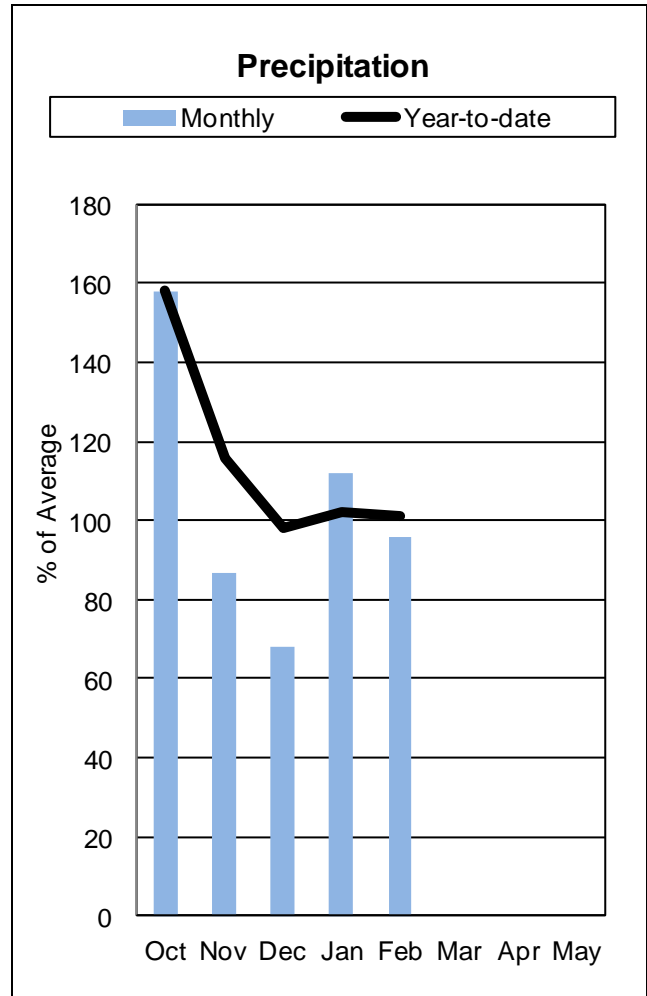
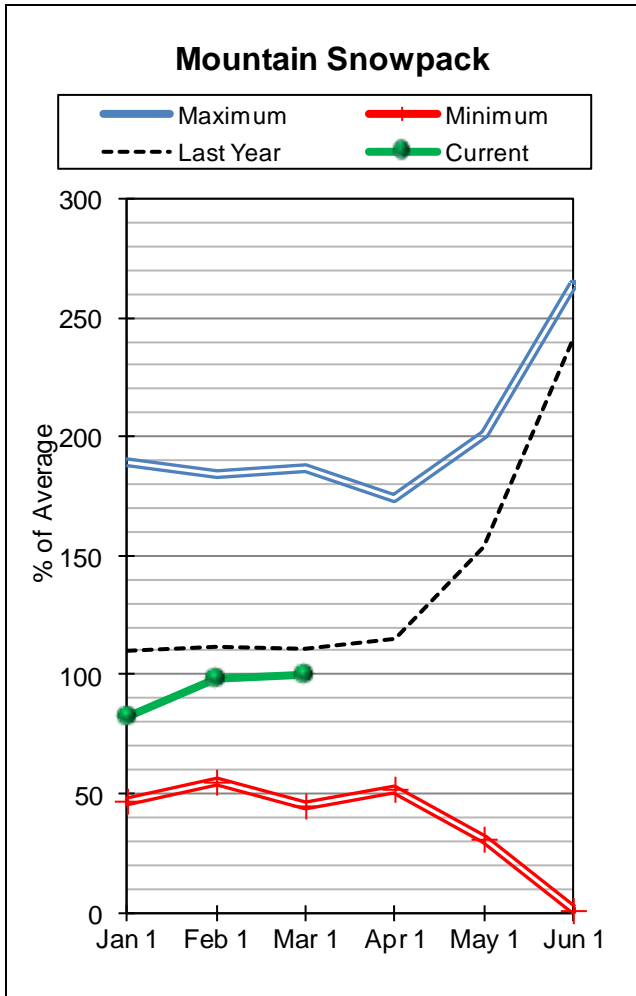
FLATHEAD RIVER BASIN Reservoir Storage (1000 AF) - End of February					FLATHEAD RIVER BASIN Watershed Snowpack Analysis - March 1, 2012			
Reservoir	Usable Capacity	*** This Year	Usable Last Year	*** Avg	Watershed	Number of Data Sites	This Year as % of Last Yr	as % of Average
CAMAS (4)	45.2	26.1	---	22.1	NF FLATHEAD in CANADA	4	90	122
LOWER JOCKO LAKE	6.4	0.0	---	0.1	NF FLATHEAD in MONTANA	9	81	94
MISSION VALLEY (8)	100.0	32.8	---	36.3	MIDDLE FORK FLATHEAD	6	84	88
HUNGRY HORSE	3451.0	2788.0	2543.0	2047.6	SOUTH FORK FLATHEAD	6	72	88
FLATHEAD LAKE	1791.0	845.0	849.8	802.7	STILLWATER-WHITEFISH	10	73	94
					SWAN	7	70	90
					MISSION VALLEY	4	67	96
					LITTLE BITTERROOT-ASHLEY	6	59	83
					JOCKO	4	73	94
					FLATHEAD in MONTANA	38	75	93
FLATHEAD RIVER BASIN	42	77	95					

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

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

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

Upper Clark Fork River Basin



Snowpack conditions in the Upper Clark Fork River Basin were near average on March 1. Snow water content was 100 percent of average and 90 percent of last year.

Mountain precipitation during February was 91 percent of average and 84 percent of last year. Valley precipitation during February was 144 percent of average and 96 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 101 percent of average and 88 percent of last year.

East Fork Rock Creek storage was 127 percent of average and 101 percent of last year; and Nevada Creek storage was 148 percent of average and 89 percent of last year.

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

Surface Water Supply Index (SWSI) was +0.9 in the Clark Fork River above Milltown; and +0.4 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - March 1, 2012

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Little Blackfoot R nr Garrison	APR-JUL	42	61	74	97	87	106	76
	APR-SEP	46	67	81	96	95	116	84
Flint Ck nr Southern Cross	APR-JUL	6.6	10.4	12.9	94	15.4	19.2	13.7
	APR-SEP	7.3	12.0	15.2	94	18.4	23	16.2
Flint Ck bl Boulder Ck	APR-JUL	29	44	54	96	64	79	56
	APR-SEP	38	56	68	96	80	98	71
Lower Willow Ck Reservoir Inflow (2)	APR-MAY	4.0	6.4	8.0	98	9.6	12.0	8.2
	APR-JUL	5.8	9.6	12.2	98	14.8	18.6	12.5
MF Rock Ck nr Philipsburg	APR-JUL	45	54	61	95	68	77	64
	APR-SEP	50	61	68	94	75	86	72
Rock Ck nr Clinton	APR-JUL	176	230	265	98	300	355	270
	APR-SEP	205	260	300	98	340	395	305
Clark Fork R ab Milltown	APR-JUL	315	465	570	94	675	825	605
	APR-SEP	385	550	665	94	780	945	705
Nevada Ck nr Helmville	APR-MAY	6.4	9.6	11.8	115	14.0	17.2	10.3
	APR-JUL	10.6	16.1	19.9	115	24	29	17.3
Blackfoot R nr Bonner	APR-JUL	605	720	800	99	880	995	805
	APR-SEP	675	800	885	99	970	1090	890
Clark Fork R ab Missoula	APR-JUL	940	1210	1390	99	1570	1840	1410
	APR-SEP	1090	1370	1570	98	1770	2050	1600

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

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - March 1, 2012

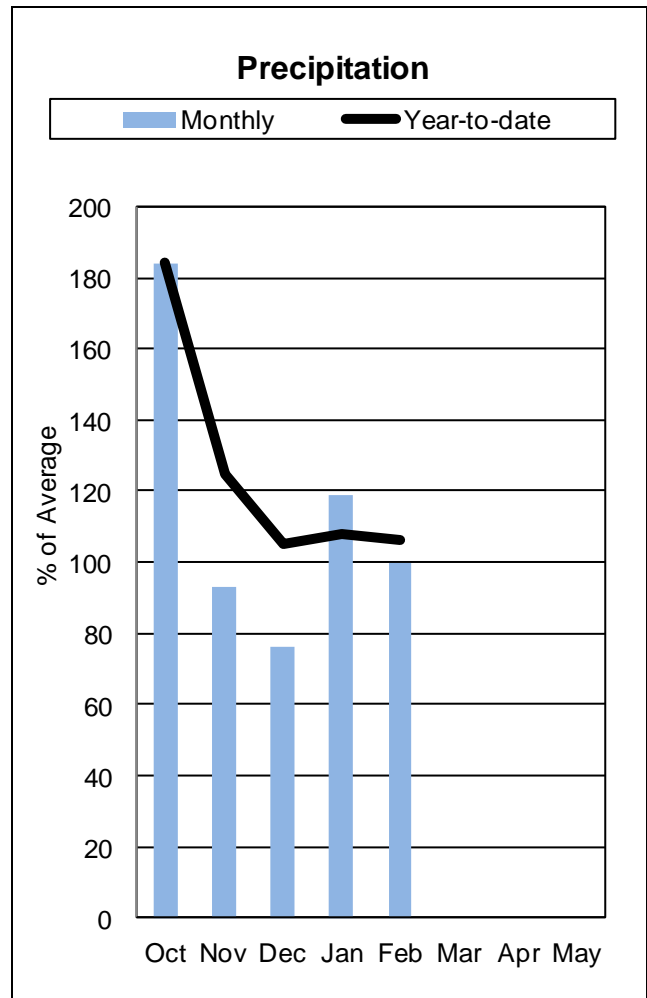
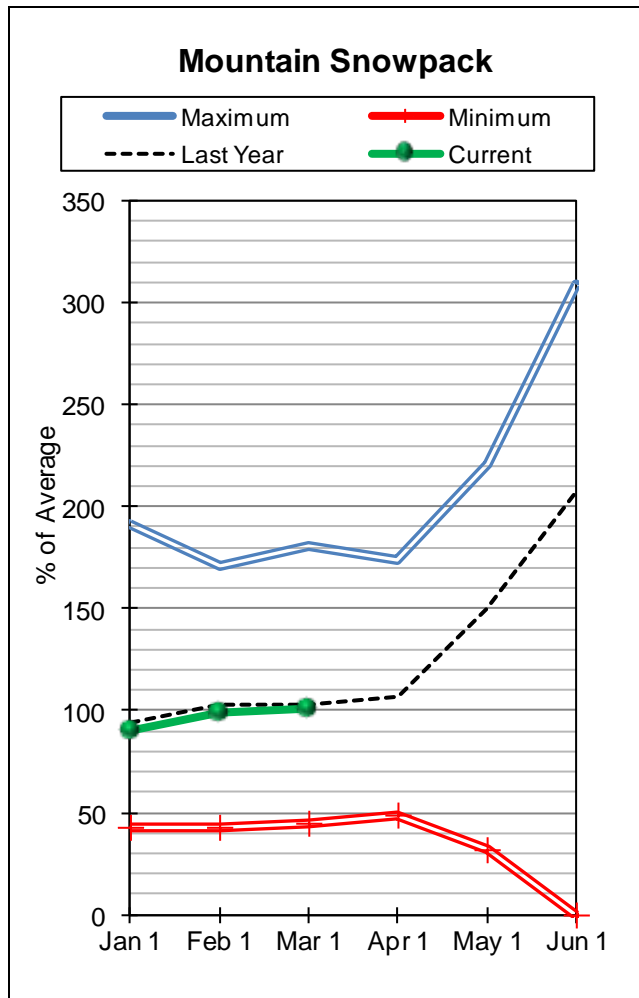
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
EAST FORK ROCK CREEK	15.6	11.9	11.8	9.4	CLARK FORK ab FLINT CREEK	14	94	98
GEORGETOWN LAKE	31.0	28.1	---	26.6	FLINT CREEK	6	92	100
LOWER WILLOW CREEK		NO REPORT			ROCK CREEK	5	94	102
NEVADA CREEK	12.6	7.7	8.7	5.2	CLARK FORK ab BLACKFOOT	23	93	99
					BLACKFOOT	14	88	103
					UPPER CLARK FORK BASIN	34	90	100

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

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

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

Bitterroot River Basin



Snowpack conditions in the Bitterroot River Basin were near average on March 1. Snow water content was 101 percent of average and 99 percent of last year.

Mountain precipitation during February was 101 percent of average and 112 percent of last year. Valley precipitation during February was 94 percent of average and 62 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 106 percent of average and 96 percent of last year.

Painted Rocks Lake storage was 123 percent of average and 66 percent of last year and Como storage was 96 percent of average and 76 percent of last year.

Assuming near average precipitation, April through July streamflows are forecast to average 101 percent.

Surface Water Supply Index (SWSI) was +0.7 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - March 1, 2012

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		30%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
WF Bitterroot R nr Conner (2)	APR-JUL	95	123	142	99	161	189	143
	APR-SEP	101	133	154	98	175	205	157
Bitterroot R nr Darby	APR-JUL	310	395	450	98	505	590	460
	APR-SEP	370	450	505	98	560	640	515
Como Reservoir Inflow (2)	APR-JUL	70	77	82	105	87	94	78
	APR-SEP	73	81	86	105	91	99	82
Bitterroot R nr Missoula	APR-JUL	995	1160	1280	102	1400	1570	1250
	APR-SEP	1070	1250	1380	101	1510	1690	1370

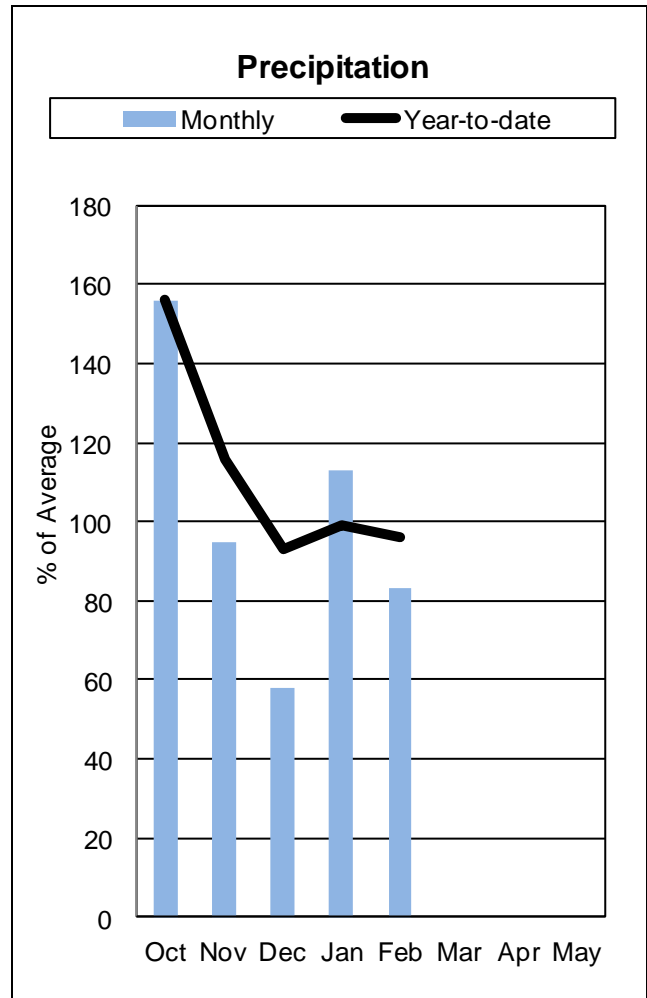
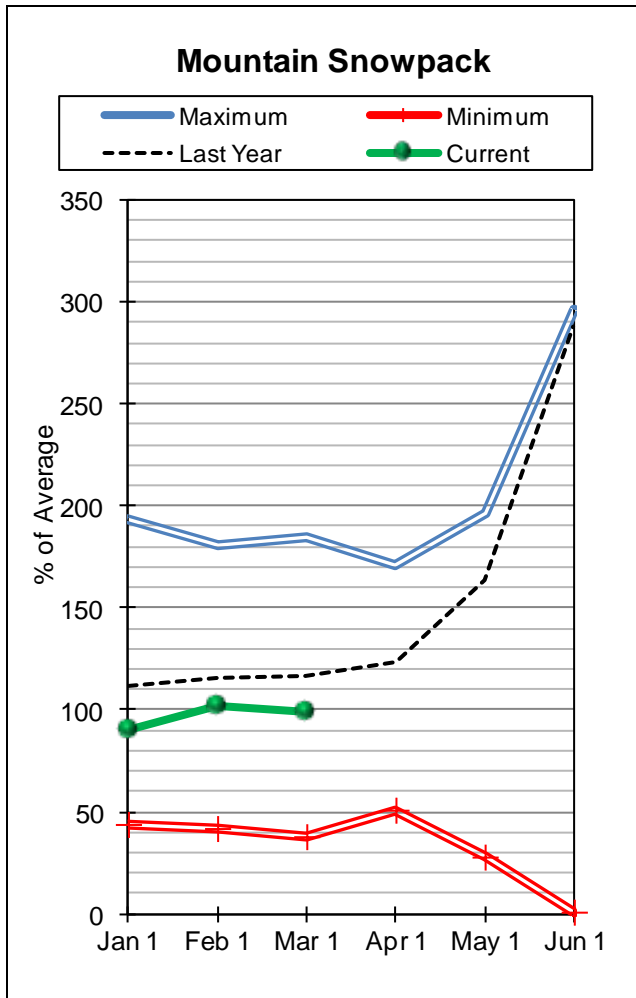
BITTERROOT RIVER BASIN Reservoir Storage (1000 AF) - End of February					BITTERROOT RIVER BASIN Watershed Snowpack Analysis - March 1, 2012			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
PAINTED ROCKS LAKE	31.7	8.6	13.1	7.0	WEST FORK BITTERROOT	3	95	96
COMO	34.9	11.9	15.6	12.4	EAST SIDE BITTERROOT	5	92	99
					WEST SIDE BITTERROOT	3	104	105
					BITTERROOT RIVER BASIN	10	99	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 1971-2000 base period.

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

Lower Clark Fork River Basin



Snowpack conditions in the Lower Clark Fork River Basin were near average on March 1. Snow water content was 99 percent of average and 85 percent of last year.

Mountain precipitation during February was 84 percent of average and 75 percent of last year. Valley precipitation during February was 76 percent of average and 58 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 96 percent of average and 82 percent of last year.

Storage at the end of February in Noxon Rapids was 101 percent of average and 102 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 93 percent.

Surface Water Supply Index (SWSI) was +0.6 in the Clark Fork River below Bitterroot River and +0.6 in the Clark Fork River below Flathead River.

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LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - March 1, 2012

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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)	
Clark Fork R bl Missoula	APR-JUL	1970	2380	2660	100	2940	3350	2660
	APR-SEP	2200	2650	2950	100	3250	3700	2960
Clark Fork R at St. Regis (1)	APR-JUL	2600	3330	3660	104	3990	4720	3520
	APR-SEP	2850	3630	3990	102	4340	5120	3910
Clark Fork R nr Plains (1,2)	APR-JUL	7620	9130	9820	97	10500	12000	10100
	APR-SEP	8380	10000	10800	97	11600	13200	11100
Thompson R nr Thompson Falls	APR-JUL	98	135	160	78	185	220	205
	APR-SEP	114	154	181	79	210	250	230
Prospect Ck at Thompson Falls	APR-JUL	68	85	96	83	107	124	116
	APR-SEP	75	91	103	83	115	131	124
Clark Fork at Whitehorse Rpds (1,2)	APR-JUL	8580	10200	11000	97	11800	13400	11300
	APR-SEP	9620	11400	12300	98	13100	14900	12500

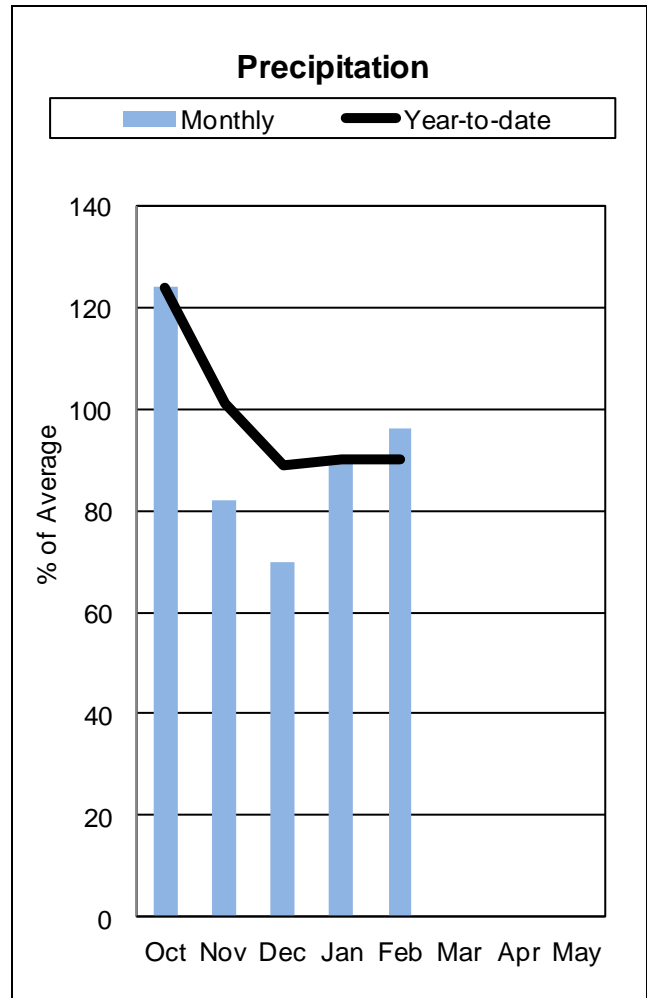
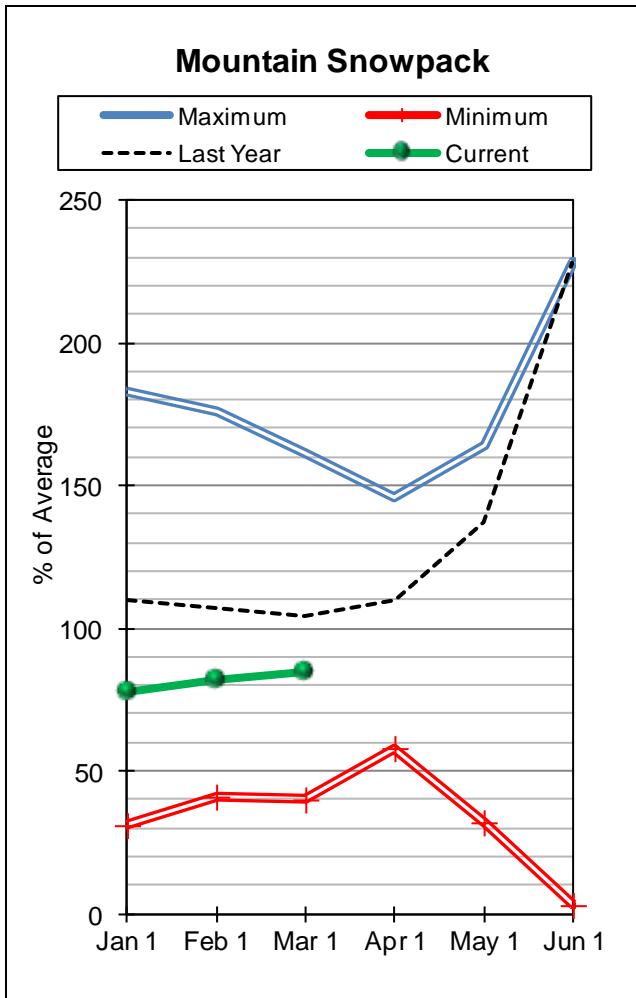
LOWER CLARK FORK RIVER BASIN Reservoir Storage (1000 AF) - End of February					LOWER CLARK FORK RIVER BASIN Watershed Snowpack Analysis - March 1, 2012			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
NOXON RAPIDS	335.0	309.3	303.6	306.0	LOWER CLARK FORK BASIN	12	85	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 1971-2000 base period.

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

Jefferson River Basin



Snowpack conditions in the Jefferson River Basin were below average on March 1. Snow water content was 85 percent of average and 82 percent of last year.

Mountain precipitation during February was 96 percent of average and 125 percent of last year. Valley precipitation during February was 98 percent of average and 33 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 90 percent of average and 85 percent of last year.

Lima storage was 140 percent of average and 101 percent of last year; Clark Canyon storage was 112 percent of average and 102 percent of last year; Ruby River storage was 121 percent of average and 113 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 76 percent.

Surface Water Supply Index (SWSI) was +0.3 in the Beaverhead River; -0.6 in the Ruby River; -0.8 in the Big Hole River; +0.4 in the Boulder River; and +0.7 in the Jefferson River near Three Forks.

JEFFERSON RIVER BASIN
Streamflow Forecasts - March 1, 2012

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Lima Reservoir Inflow (2)	APR-JUL	28	48	62	65	76	96	96
	APR-SEP	24	49	65	63	81	106	104
Clark Canyon Reservoir Inflow (2)	APR-JUL	1.0	52	86	66	120	171	131
	APR-SEP	8.0	63	101	65	139	194	156
Beaverhead R at Barretts (2)	APR-JUL	42	66	116	69	166	240	168
	APR-SEP	50	80	138	69	196	280	200
Ruby R Reservoir Inflow (2)	APR-JUL	36	53	65	77	77	94	84
	APR-SEP	45	65	78	77	91	111	101
Big Hole R at Wisdom	APR-JUL	33	64	94	78	124	168	121
	APR-SEP	36	67	100	77	133	181	130
Big Hole R nr Melrose	APR-JUL	280	400	485	80	570	690	610
	APR-SEP	300	435	525	80	615	750	660
Jefferson R nr Twin Bridges (2)	APR-JUL	215	440	590	75	740	965	785
	APR-SEP	215	465	635	72	805	1060	880
Boulder R nr Boulder	APR-JUL	49	66	77	99	88	105	78
	APR-SEP	53	71	83	98	95	113	85
Willow Ck Reservoir Inflow (2)	APR-JUL	5.0	8.6	12.8	72	17.0	23	17.9
	APR-SEP	5.5	10.0	14.4	72	18.8	25	20
Jefferson R nr Three Forks (2)	APR-JUL	220	475	645	83	815	1070	780
	APR-SEP	220	500	690	80	880	1160	860

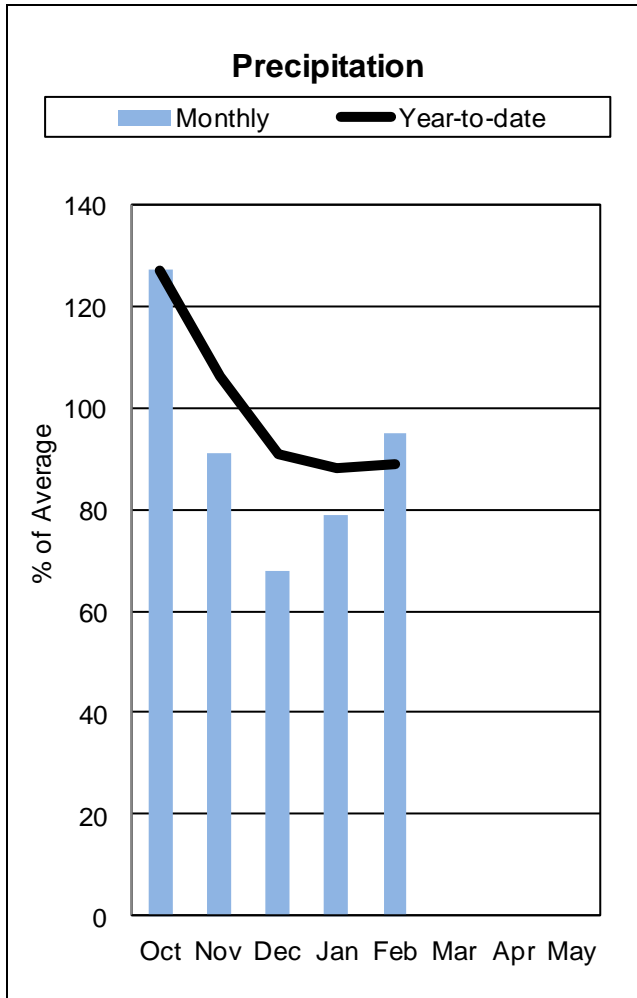
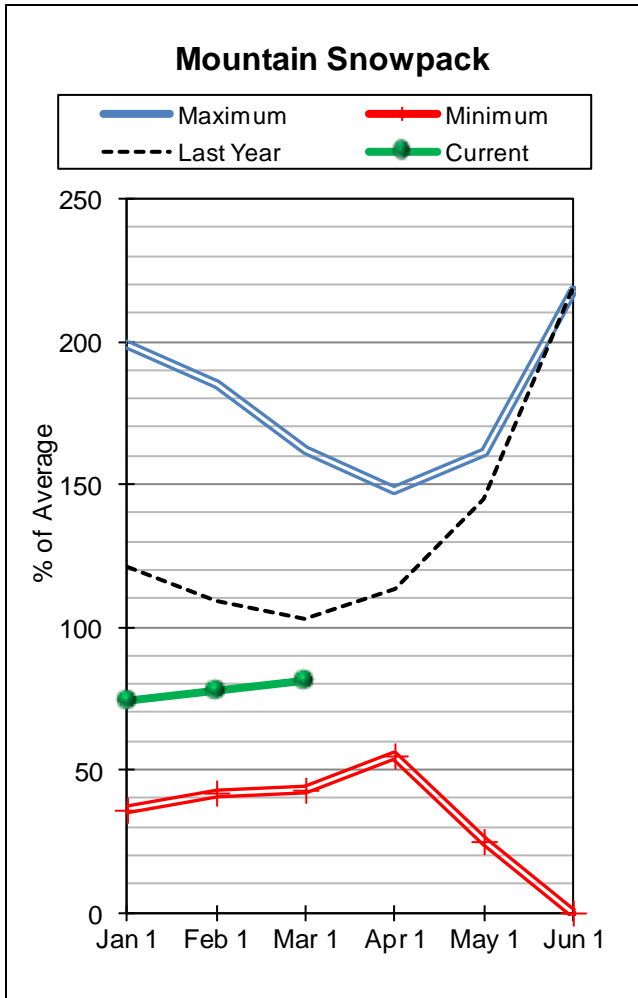
JEFFERSON RIVER BASIN Reservoir Storage (1000 AF) - End of February					JEFFERSON RIVER BASIN Watershed Snowpack Analysis - March 1, 2012			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LIMA	84.0	50.1	49.7	35.7	BEAVERHEAD	12	72	77
CLARK CANYON	255.6	161.5	159.0	144.2	RUBY	8	84	80
RUBY RIVER	38.8	33.2	29.3	27.4	BIGHOLE	13	84	90
					BOULDER	7	89	96
					JEFFERSON RIVER BASIN	34	82	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 1971-2000 base period.

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

Madison River Basin



Snowpack conditions in the Madison River Basin were below average on March 1. Snow water content was 81 percent of average and 79 percent of last year.

Mountain and valley precipitation during February was 95 percent of average and 117 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 89 percent of average and 84 percent of last year.

Ennis Lake storage was 94 percent of average and 106 percent of last year and Hebgen Lake storage was 111 percent of average and 101 percent of last year.

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

Surface Water Supply Index (SWSI) was -0.8 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - March 1, 2012

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Hebgen Reservoir Inflow (2)	APR-JUL	285	325	350	89	375	415	395
	APR-SEP	370	420	450	89	480	530	505
Ennis Reservoir Inflow (2)	APR-JUL	420	505	560	82	615	700	680
	APR-SEP	545	645	710	84	775	875	850

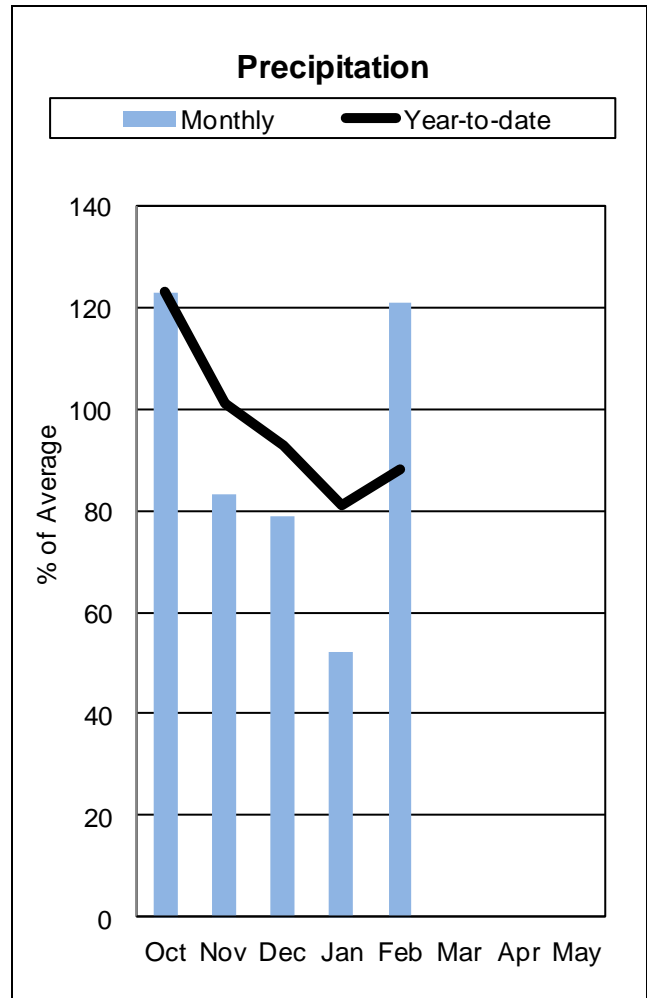
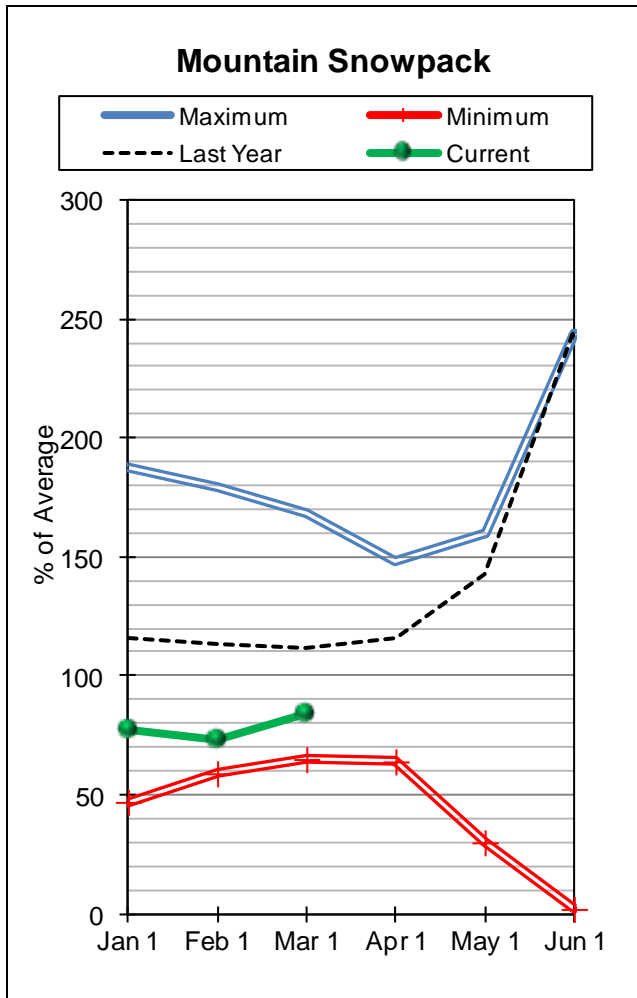
Reservoir	MADISON RIVER BASIN Reservoir Storage (1000 AF) - End of February				MADISON RIVER BASIN Watershed Snowpack Analysis - March 1, 2012			
	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ENNIS LAKE	41.0	29.6	27.8	31.4	MADISON abv HEBGEN LAKE	6	81	86
HEBGEN LAKE	377.5	293.5	291.0	265.2	MADISON blw HEBGEN LAKE	9	77	77
					MADISON RIVER BASIN	15	79	81

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

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

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

Gallatin River Basin



Snowpack conditions in the Gallatin River Basin were below average on March 1. Snow water content was 84 percent of average and 75 percent of last year.

Mountain precipitation during February was 122 percent of average and 122 percent of last year. Valley precipitation during February was 57 percent of average and 103 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 88 percent of average and 80 percent of last year.

Middle Creek storage was 100 percent of average and 68 percent of last year.

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

Surface Water Supply Index (SWSI) was -0.8 for the Gallatin River.

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GALLATIN RIVER BASIN
Streamflow Forecasts - March 1, 2012

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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	280	340	380	86	420	480	440
	APR-SEP	325	395	440	85	485	555	515
Hyalite Reservoir Inflow (2)	APR-JUL	17.3	19.5	21	96	23	25	22
	APR-SEP	20	22	24	96	26	28	25
Gallatin R at Logan	APR-JUL	250	350	420	85	490	590	495
	APR-SEP	290	405	485	85	565	680	570

GALLATIN RIVER BASIN Reservoir Storage (1000 AF) - End of February					GALLATIN RIVER BASIN Watershed Snowpack Analysis - March 1, 2012			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
MIDDLE CREEK	10.2	4.5	6.6	4.5	UPPER GALLATIN	7	71	81
					HYALITE	4	92	96
					BRIDGER	2	69	77
					GALLATIN RIVER BASIN	13	75	84

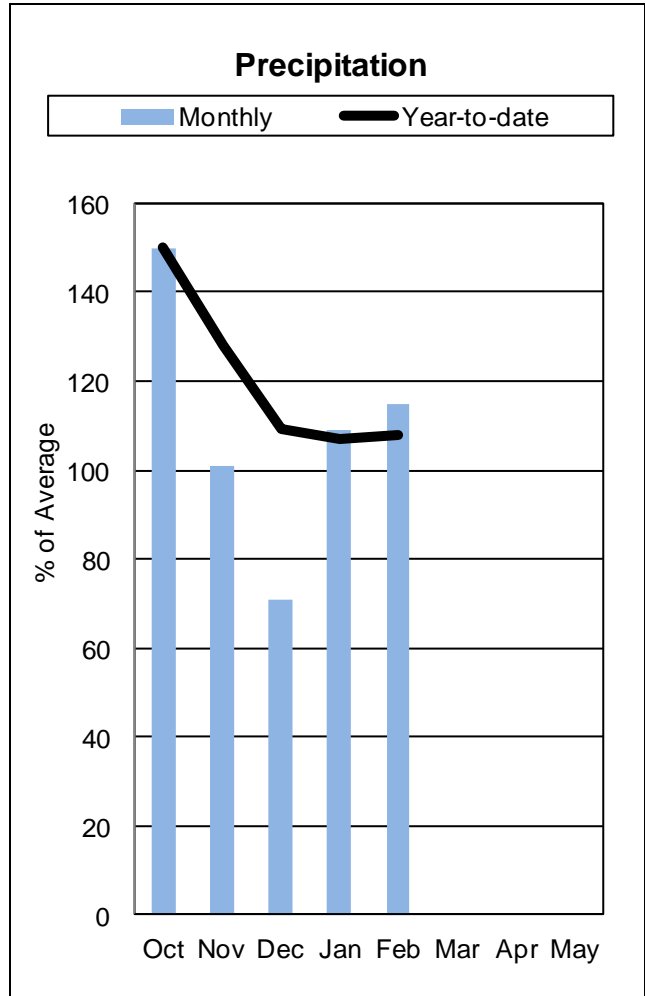
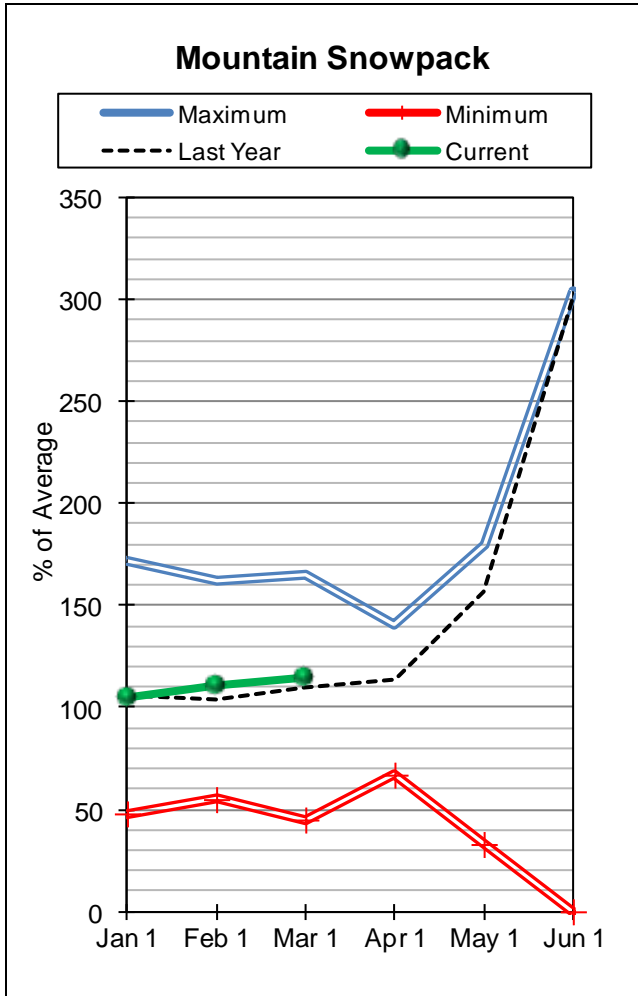
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* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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

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

Missouri Mainstem River Basin



Snowpack conditions in the Headwaters Missouri Mainstem River Basin were above average on March 1. Snow water content was 115 percent of average and 105 percent of last year.

Mountain precipitation during February was 116 percent of average and 101 percent of last year. Valley precipitation during February was 112 percent of average and 49 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 108 percent of average and 88 percent of last year.

Canyon Ferry Lake storage was 105 percent of average and 112 percent of last year; Helena Valley storage was 143 percent of average and 116 percent of last year; Lake Helena storage was 73 percent of average and 101 percent of last year; Hauser & Helena storage was 110 percent of average and 100 percent of last year; Holter Lake storage was 104 percent of average and 101 percent of last year; and Fort Peck Lake storage was 102 percent of average and 98 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 84 percent.

Surface Water Supply Index (SWSI) was +0.1 in the Missouri River above Canyon Ferry; +0.2 in the Missouri River below Canyon Ferry; +1.0 in the Missouri River above Fort Peck; and +0.2 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - March 1, 2012

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.)	
Missouri R at Toston (2)	APR-JUL	955	1370	1650	81	1930	2340	2050
	APR-SEP	1100	1580	1910	80	2240	2720	2390
Dearborn R nr Craig	APR-JUL	58	86	106	88	126	154	121
	APR-SEP	63	93	114	91	135	165	125
Missouri R at Fort Benton (2)	APR-JUL	1500	2080	2480	83	2880	3460	2990
	APR-SEP	1790	2500	2970	83	3440	4160	3570
Missouri R nr Virgelle (2)	APR-JUL	1800	2470	2930	85	3390	4060	3450
	APR-SEP	2090	2900	3440	85	3980	4790	4060
Missouri R nr Landusky (2)	APR-JUL	1740	2460	2950	80	3440	4160	3690
	APR-SEP	2020	2890	3470	80	4050	4920	4350
Missouri R bl Fort Peck Dam (2)	APR-JUL	1810	2530	3030	81	3530	4250	3740
	APR-SEP	2070	2940	3510	81	4080	4950	4330
Lake Sakakawea Inflow (2)	APR-JUL	5670	7570	8860	91	10200	12000	9740
	APR-SEP	6530	8720	10200	91	11700	13900	11200

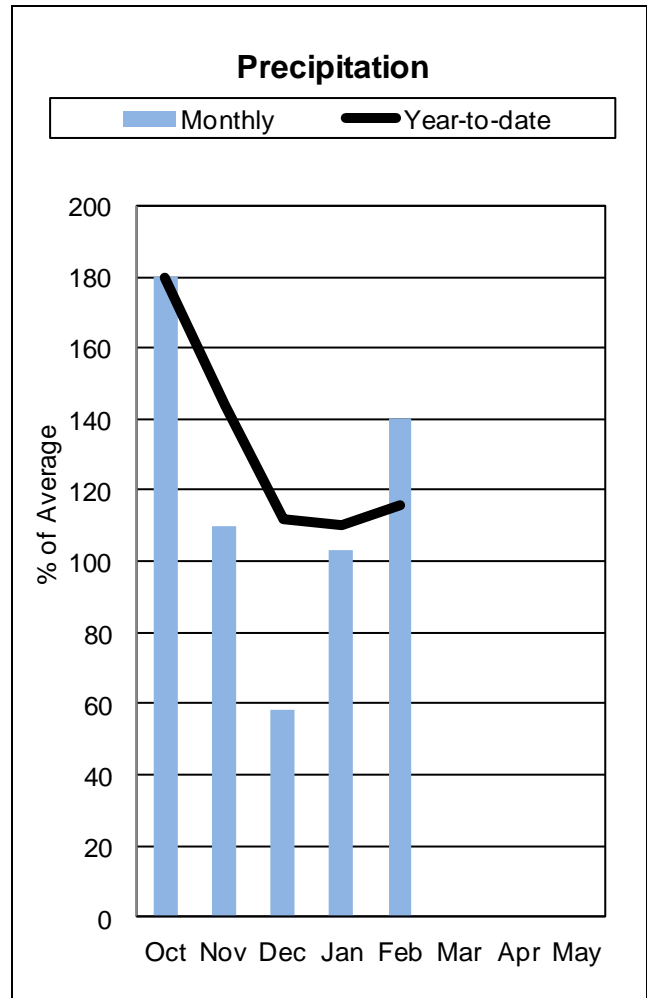
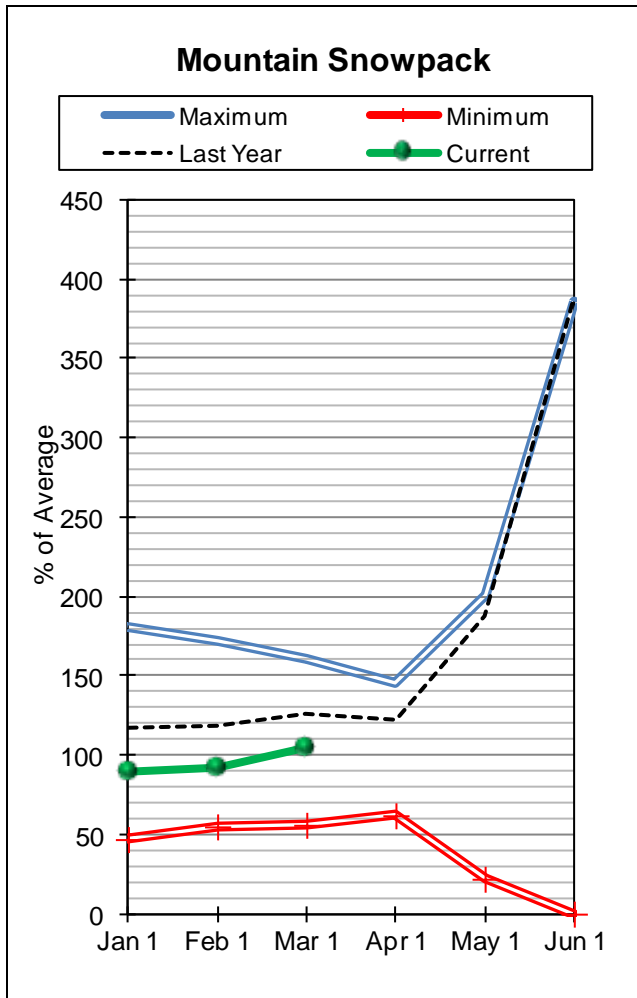
MISSOURI MAINSTEM RIVER BASIN Reservoir Storage (1000 AF) - End of February					MISSOURI MAINSTEM RIVER BASIN Watershed Snowpack Analysis - March 1, 2012			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CANYON FERRY LAKE	2043.0	1582.0	1418.0	1509.4	HEADWATERS MAINSTEM	9	105	115
HELENA VALLEY	9.2	5.7	4.9	4.0	SMITH-JUDITH-MUSSELSHELL	15	84	104
LAKE HELENA	12.7	9.8	9.7	13.4	SUN-TETON-MARIAS	13	93	97
HAUSER & HELENA	74.6	69.6	69.3	63.0	MAINSTEM ab FT PECK RES	36	90	103
HOLTER LAKE	81.9	81.0	80.4	77.6	MILK RIVER BASIN	9	29	61
FORT PECK LAKE	18910.0	15060.0	15390.0	14728.0	MISSOURI MAINSTEM BASIN	44	83	102

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

Smith-Judith-Musselshell River Basins



Snowpack conditions in the Smith-Judith-Musselshell River Basins were near average March 1. Snow water content was 104 percent of average and 84 percent of last year. Snow water content in the Smith River Basin was 108 percent of average and 84 percent of last year; the Judith River Basin was 110 percent of average and 84 percent of last year; and the Musselshell Basin River was 91 percent of average and 82 percent of last year.

Mountain and valley precipitation during February in the Smith-Belts was 143 percent of average and 108 percent of last year; in the Judith was 143 percent of average and 99 percent of last year; and in the Musselshell was 103 percent of average and 66 percent of last year. Mountain and valley water year precipitation for the greater basin, beginning October 1, 2011, was 116 percent of average and 93 percent of last year.

Smith River storage was 121 percent of average and 94 percent of last year; Ackley storage was 122 percent of average and 98 percent of last year; Bair storage was 140 percent of average and 97 percent of last year; Martinsdale storage was 88 percent of average and 50 percent of last year; and Deadman's Basin was 135 percent of average and 103 percent of last year.

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

Surface Water Supply Index (SWSI) was +3.2 in the Smith River, +4.0 in the Upper Judith River, and +1.4 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - March 1, 2012

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Sheep Ck nr White Sulphur Springs	APR-JUL	12.8	16.2	18.5	108	21	24	17.1
	APR-SEP	14.3	18.3	21	105	24	28	20
Smith R bl Eagle Ck (2)	APR-JUL	89	122	145	109	168	200	133
	APR-SEP	92	131	158	106	185	225	149
NF Musselshell R nr Delpine	APR-JUL	3.1	4.3	5.1	111	5.9	7.1	4.6
	APR-SEP	3.6	5.0	5.9	109	6.8	8.2	5.4
SF Musselshell R ab Martinsdale	APR-JUL	12.2	28	38	73	48	64	52
	APR-SEP	13.5	30	41	73	52	68	56
Musselshell R at Harlowton (2)	APR-JUL	15.9	50	74	96	98	132	77
	APR-SEP	12.1	49	74	91	99	136	81
Musselshell R nr Roundup (2)	APR-JUL	30	48	93	94	138	205	99
	APR-SEP	30	44	89	87	134	200	102

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

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - March 1, 2012

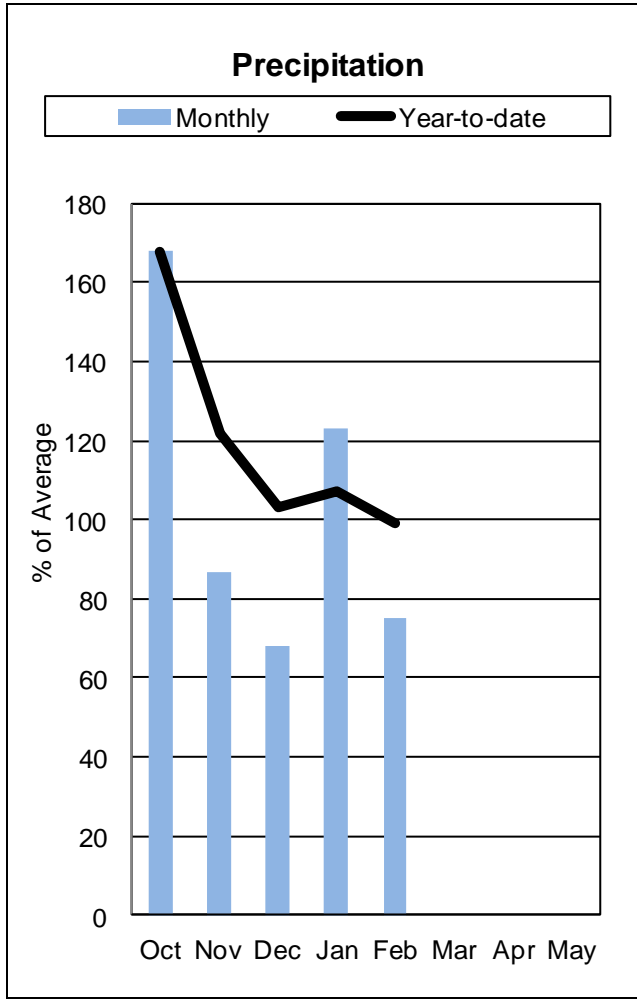
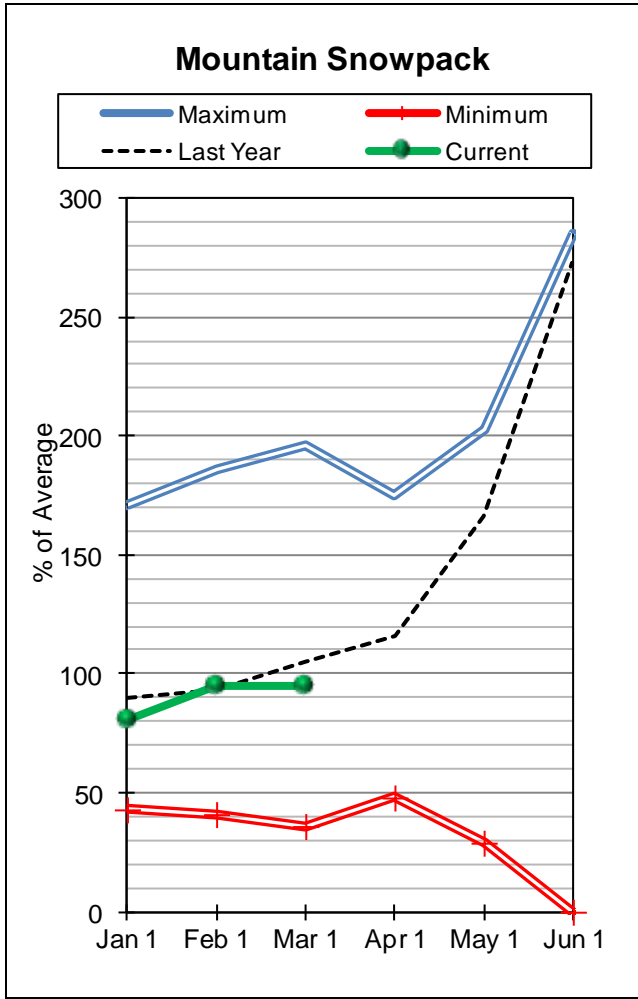
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
SMITH RIVER	10.6	8.0	8.5	6.6	SMITH	8	84	108
ACKLEY LAKE	7.0	3.9	4.0	3.2	HIGHWOOD	2	61	76
BAIR	7.0	5.6	5.8	4.0	JUDITH	6	84	110
MARTINSDALE	23.1	9.0	18.1	10.2	MUSSELSHELL	4	82	91
DEADMAN'S BASIN	72.2	67.0	65.1	49.8	SMITH-JUDITH-MUSSELSHELL	15	84	104

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

Sun-Teton-Marias River Basins



Snowpack conditions in the Sun-Teton-Marias River Basins were near average on March 1. Snow water content was 95 percent of average and 91 percent of last year. Snow water content in the Sun River Basin was 111 percent of average and 92 percent of last year; the Teton River Basin was 105 percent of average and 92 percent of last year; and the Marias River Basin was 86 percent of average and 92 percent of last year.

Mountain and valley precipitation during February in the Sun was 78 percent of average and 44 percent of last year; in the Teton was 75 percent of average and 44 percent of last year; and in the Marias was 75 percent of average and 63 percent of last year. Mountain and valley water year precipitation for the greater basin, beginning October 1, 2011, was 99 percent of average and 100 percent of last year.

Gibson storage was 37 percent of average and 116 percent of last year; Pishkun storage was 112 percent of average and 93 percent of last year; Willow Creek storage was 126 percent of average and 111 percent of last year; Lower Two Medicine Lake storage was 71 percent of average and 158 percent of last year; Swift storage was 85 percent of average and 104 percent of last year; Lake Frances storage was 122 percent of average and 113 percent of last year; and Lake Elwell (Tiber) storage was 114 percent of average and 96 percent of last year.

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

Surface Water Supply Index (SWSI) was +0.4 in the Sun River; +1.7 in the Teton River; +1.4 in the Birch/Dupuyer Creeks; +0.1 in the Marias above Tiber Reservoir.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - March 1, 2012

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)						
		90% (1000AF)		70% (1000AF)			Chance Of Exceeding * 50% (1000AF) (% AVG.)		30% (1000AF)		10% (1000AF)	
Gibson Reservoir Inflow (2)	APR-JUL	335	400	440	96	480	545	460				
	APR-SEP	370	435	480	95	525	590	505				
Two Medicine R nr Browning (2)	APR-JUL	144	170	187	91	205	230	205				
	APR-SEP	153	180	198	92	215	245	215				
Badger Ck nr Browning	APR-JUL	64	80	90	105	100	116	86				
	APR-SEP	69	86	98	103	110	127	95				
Swift Reservoir Inflow (2)	APR-JUL	42	54	62	97	70	82	64				
	APR-SEP	52	65	74	96	83	96	77				
Dupuyer Ck nr Valier	APR-JUL	1.4	8.6	13.5	96	18.4	26	14.0				
	APR-SEP	2.0	10.0	15.4	98	21	29	15.7				
Cut Bank Ck nr Browning	APR-JUL	48	62	72	94	82	96	77				
	APR-SEP	52	68	78	93	88	104	84				
Marias R nr Shelby (2)	APR-JUL	215	325	395	95	465	575	415				
	APR-SEP	205	315	395	90	475	585	440				
Teton R nr Dutton	APR-JUL	10.8	39	58	114	77	105	51				
	APR-SEP	14.9	45	66	112	87	117	59				

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

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - March 1, 2012

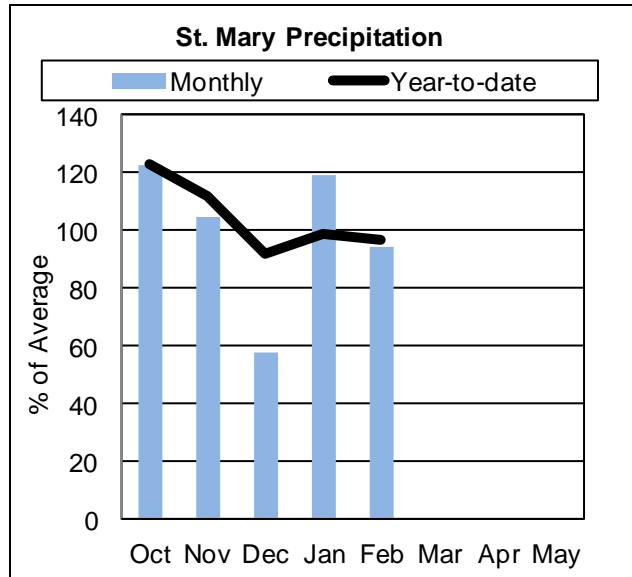
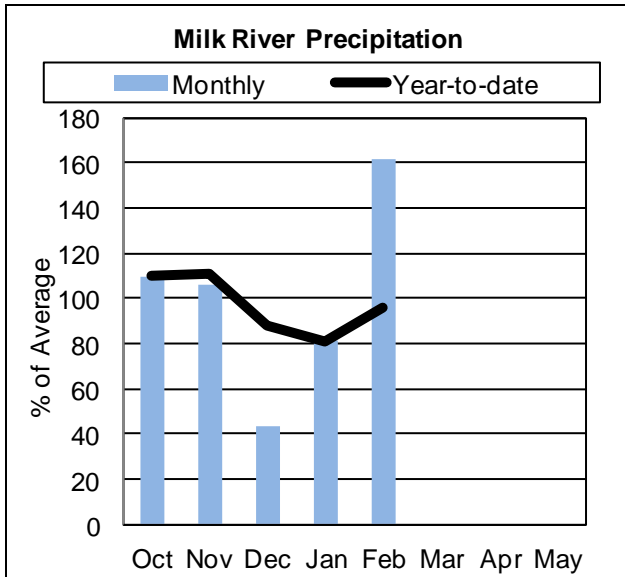
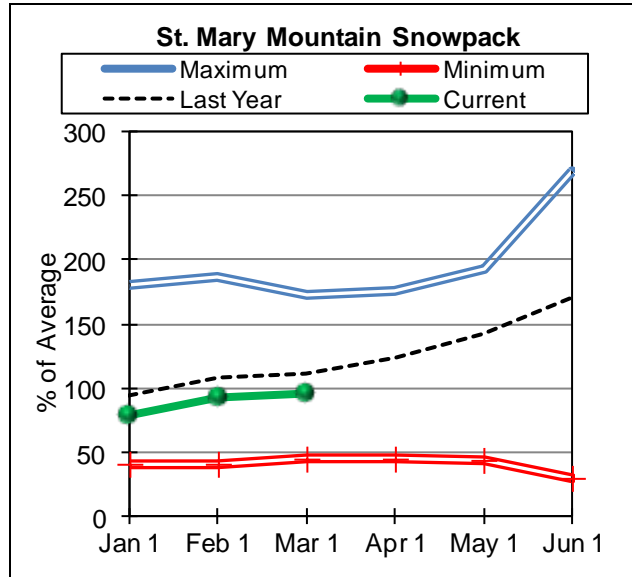
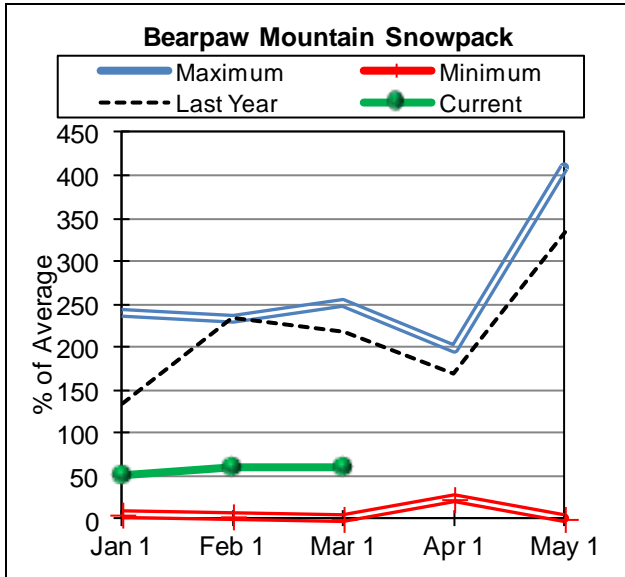
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GIBSON	99.1	18.6	16.0	49.7	SUN	6	92	111
PISHKUN	32.0	19.7	21.1	17.6	TETON	4	92	105
WILLOW CREEK	32.2	28.9	26.1	23.0	MARIAS	6	92	86
LOWER TWO MEDICINE LAKE	11.9	6.3	4.0	8.9	SUN-TETON-MARIAS	14	91	95
FOUR HORNS LAKE	19.2	3.2	9.3	12.0				
SWIFT	30.0	14.0	13.4	16.5				
LAKE FRANCES	112.0	81.8	72.6	66.8				
LAKE ELWELL (TIBER)	1347.0	720.4	747.6	631.9				

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

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

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.
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St. Mary and Milk River Basins



Snowpack in the Saint Mary River Basin was near average on March 1. Snow water content was 95 percent of average and 86 percent of last year. The Milk River Basin (Bearpaw Mountains) was well below average. Snow water content was 61 percent of average and 29 percent of last year.

Mountain and valley precipitation in the St. Mary River Basin during February was 94 percent of average and 80 percent of last year; and in the Milk River Basin during February was 162 percent of average and 119 percent of last year. Mountain and valley water year precipitation for both basins, beginning October 1, 2011, was 97 percent of average and 76 percent of last year.

Assuming average precipitation, April through July streamflows in the St. Mary are forecast to average 99 percent and the Milk to average 88 percent.

Lake Sherburne storage was 93 percent of average and 53 percent of last year; Fresno storage was 117 percent of average and 88 percent of last year; Beaver Creek storage was not available; and Nelson storage was 150 percent of average and 102 percent of last year.

Surface Water Supply Index (SWSI) was +0.7 for the St. Mary and +1.6 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - March 1, 2012

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Lake Sherburne Inflow (2)	APR-JUL	87	96	102	97	108	117	105
	APR-SEP	100	110	117	96	124	134	122
St. Mary R nr Babb (2)	APR-JUL	315	355	380	99	405	445	385
	APR-SEP	370	410	440	98	470	510	450
St. Mary R at Int'l Boundary (2)	APR-JUL	345	405	445	102	485	545	435
	APR-SEP	410	475	515	100	555	620	515
Milk R at Western Crossing (3)	MAR-JUL	17.7	31	40	98	49	62	41
	MAR-SEP	17.6	32	42	98	52	66	43
	APR-JUL	14.2	25	33	100	41	52	33
	APR-SEP	14.3	27	35	97	43	56	36
Milk R at Eastern Crossing (2,3)	MAR-JUL	22	58	82	98	106	142	83
	MAR-SEP	23	61	87	99	113	151	88
	APR-JUL	14.5	41	59	97	77	104	61
	APR-SEP	17.9	46	65	94	84	112	69
Beaver Ck nr Havre	MAR-JUL	2.0	4.3	6.4	67	8.5	11.7	9.6
	APR-JUL	2.0	3.6	5.3	61	7.9	14.1	8.7

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

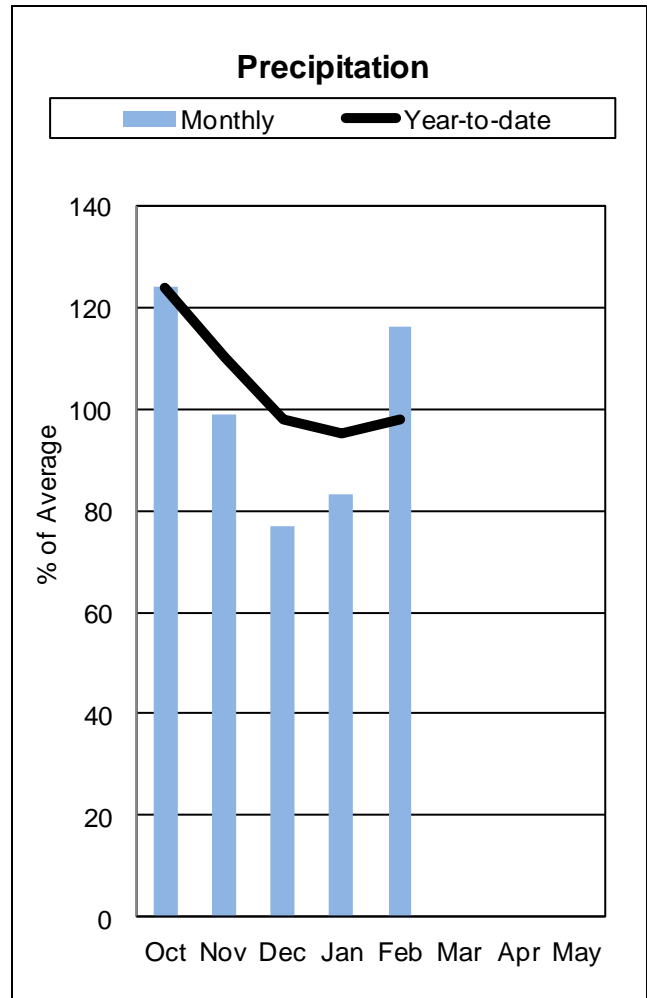
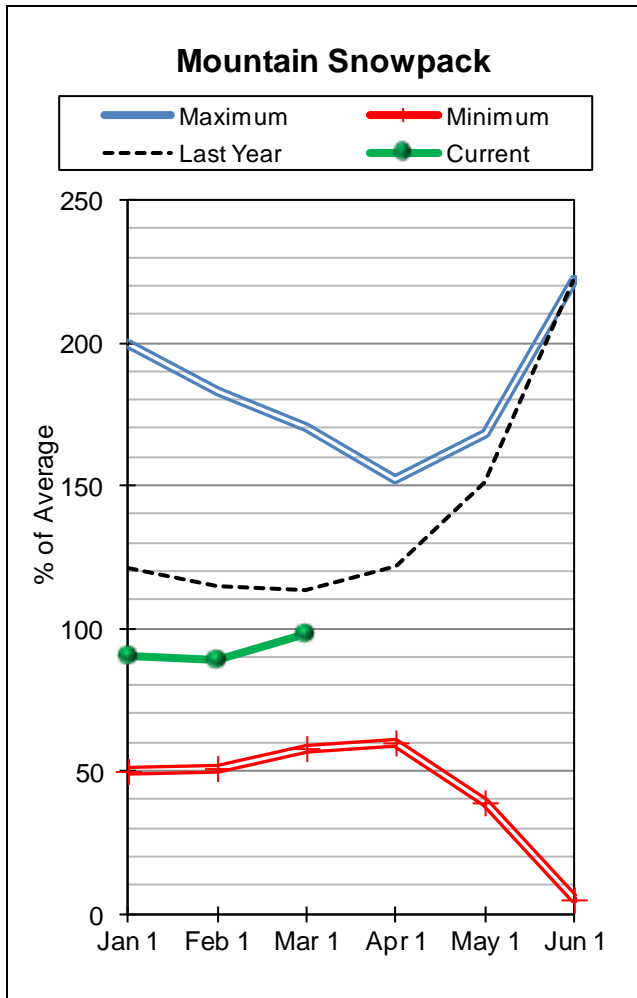
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LAKE SHERBURNE	64.3	26.7	50.4	28.6	ST. MARY	3	85	95
FRESNO	127.0	60.6	69.2	52.0	BEARPAW MOUNTAINS	3	30	55
BEAVER CREEK		NO REPORT			CYPRESS HILLS, CANADA	6	29	65
NELSON	66.8	49.7	48.8	33.1	MILK RIVER BASIN	8	29	61
					ST. MARY & MILK BASINS	12	59	84

* 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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Upper Yellowstone River Basin



Snowpack conditions in the Upper Yellowstone River Basin were near average on March 1. Snow water content was 98 percent of average and 88 percent of last year.

Mountain precipitation during February was 118 percent of average and 125 percent of last year. Valley precipitation during February was 92 percent of average and 75 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 98 percent of average and 89 percent of last year.

Mystic Lake storage was 88 percent of average and 92 percent of last year and Cooney storage was 113 percent of average and 98 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 96 percent.

Surface Water Supply Index (SWSI) was +0.3 in the Yellowstone River above Livingston; -0.2 in the Shields River; +0.1 in the Boulder River; -0.8 in the Stillwater River; +0.2 in the Rock/Red Lodge Creeks; +1.2 in the Clarks Fork River; and +0.2 in the Yellowstone River above Bighorn River.

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UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - March 1, 2012

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>					30-Yr Avg. (1000AF)	
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)		(1000AF)
Yellowstone R at Yellowstone Lake	APR-JUL	490	560	605	103	650	720	590
	APR-SEP	645	735	795	99	855	945	805
Yellowstone R at Corwin Springs	APR-JUL	1360	1550	1670	101	1790	1980	1650
	APR-SEP	1580	1800	1950	99	2100	2320	1970
Yellowstone R at Livingston	APR-JUL	1520	1750	1910	101	2070	2300	1900
	APR-SEP	1770	2040	2230	98	2420	2690	2280
Shields R nr Livingston	APR-JUL	46	91	122	84	153	198	145
	APR-SEP	51	102	136	84	170	220	162
Boulder R at Big Timber	APR-JUL	205	250	280	98	310	355	285
	APR-SEP	220	270	305	97	340	390	315
West Rosebud Ck nr Roscoe (2)	APR-JUL	47	52	56	93	60	65	60
	APR-SEP	59	66	71	92	76	83	77
Stillwater R nr Absarokee (2)	APR-JUL	330	390	435	88	480	540	495
	APR-SEP	390	465	515	88	565	640	585
Clarks Fk Yellowstone R nr Belfry	APR-JUL	460	520	560	104	600	660	540
	APR-SEP	500	565	610	103	655	720	595
Cooney Reservoir Inflow (2)	APR-JUL	28	38	44	94	50	60	47
	APR-SEP	36	47	54	95	61	72	57
Yellowstone R at Billings	APR-JUL	2610	3080	3400	97	3720	4190	3510
	APR-SEP	2920	3610	3990	97	4370	5070	4120

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

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UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2012

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Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
MYSTIC LAKE	21.0	3.5	3.8	4.0	YELLOWSTONE ab LIVINGSTON	17	85	96
COONEY	27.4	18.6	19.0	16.4	SHIELDS	4	80	80
					BOULDER-STILLWATER	3	78	98
					RED LODGE-ROCK CREEK	5	120	133
					CLARK'S FORK	7	90	100
					UPPER YELLOWSTONE BASIN	32	88	98

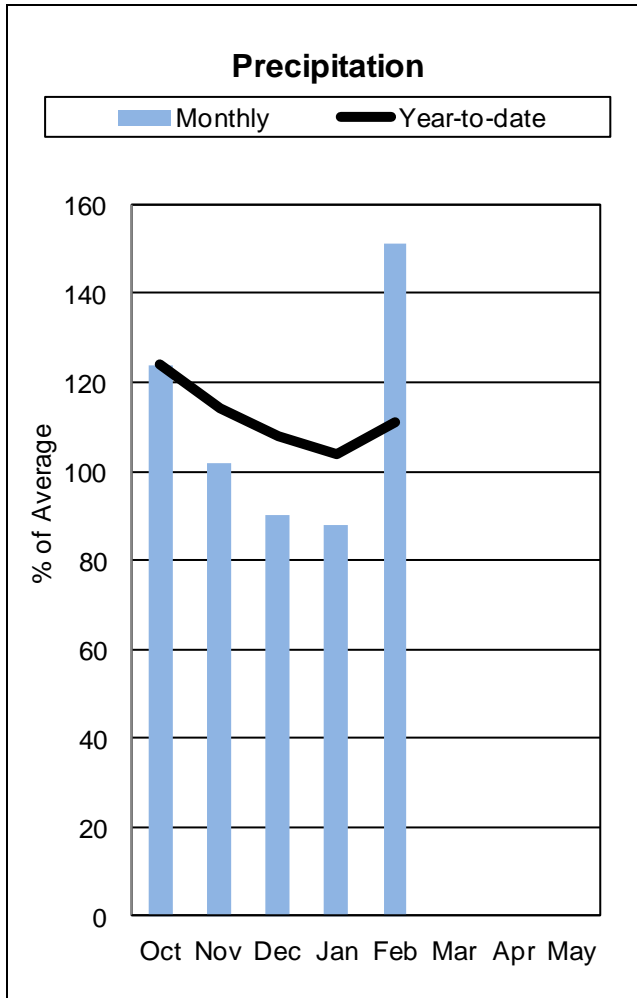
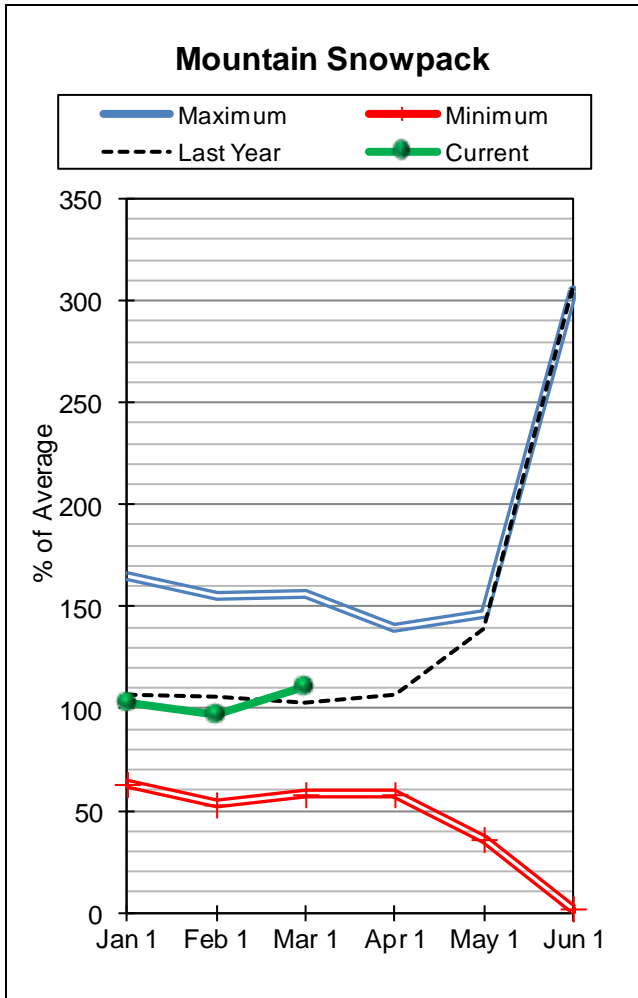
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Lower Yellowstone River Basin



Snowpack conditions in the Lower Yellowstone River Basin were well above average on March 1. Snow water content was 111 percent of average and 110 percent of last year.

Mountain and valley precipitation during February was 132 percent of average and 128 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2011, was 104 percent of average and 96 percent of last year.

Bighorn Lake storage was 103 percent of average and 100 percent of last year and Tongue River storage was 246 percent of average and 112 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 118 percent.

Surface Water Supply Index (SWSI) was +0.8 in the Bighorn River below Bighorn Lake; +2.4 in the Little Bighorn River; +0.5 in the Yellowstone River below Bighorn River; +2.9 in the Tongue River; and +2.3 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - March 1, 2012

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>					30-Yr Avg. (1000AF)	
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)		(1000AF)
Bighorn R nr St. Xavier (2)	APR-JUL	1030	1400	1660	103	1920	2290	1610
	APR-SEP	1090	1510	1800	102	2090	2510	1760
Little Bighorn R nr Hardin	APR-JUL	108	136	155	121	174	200	128
	APR-SEP	123	154	175	122	196	225	144
Tongue R nr Dayton (2)	APR-JUL	83	101	114	119	127	145	96
	APR-SEP	94	114	128	117	142	162	109
Big Goose Ck nr Sheridan	APR-JUL	44	55	63	121	71	82	52
	APR-SEP	52	64	72	120	80	92	60
Little Goose Ck nr Bighorn	APR-JUL	31	38	43	127	48	55	34
	APR-SEP	39	47	52	124	57	65	42
Tongue River Reservoir Inflow (2)	APR-JUL	170	235	280	127	325	390	220
	APR-SEP	194	265	310	124	355	425	250
Yellowstone R at Miles City (2)	APR-JUL	3790	4630	5200	97	5770	6610	5360
	APR-SEP	4380	5350	6010	97	6670	7630	6210
Powder R at Moorhead	APR-JUL	156	225	270	132	315	385	205
	APR-SEP	177	245	295	128	345	415	230
Powder R nr Locate	APR-JUL	175	255	310	132	365	445	235
	APR-SEP	190	275	335	129	395	480	260
Yellowstone R nr Sidney (2)	APR-JUL	3930	4880	5530	101	6180	7130	5480
	APR-SEP	4690	5560	6340	101	7120	7980	6280

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

LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2012

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BIGHORN LAKE	1356.0	855.1	853.4	826.3	WIND RIVER (Wyoming)	20	99	98
TONGUE RIVER	79.1	60.6	54.1	24.6	SHOSHONE RIVER (Wyoming)	6	102	100
					BIGHORN RIVER (Wyoming)	20	107	114
					LITTLE BIGHORN (Wyoming)	3	112	123
					TONGUE RIVER (Wyoming)	10	131	135
					POWDER RIVER (Wyoming)	9	126	126
					LOWER YELLOWSTONE BASIN (49	110	111

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**Montana
Water Supply Outlook
Report**
Natural Resources Conservation Service

