

Streamflow Forecast Summary: June 1, 2001
(averages based on 1981-2010 reference period)

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- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
UPPER CLARK FORK RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Blackfoot nr Garrison								

Flint Ck nr Southern Cross

Flint Ck bl Boulder Ck

Lower Willow Ck Reservoir Inflow²

MF Rock Ck nr Philipsburg

Rock Ck nr Clinton

Clark Fork R ab Milltown

Nevada Ck nr Helmville

Blackfoot R nr Bonner

Clark Fork R ab Missoula

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BITTERROOT RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
WF Bitterroot R Nr Conner ²								
Bitterroot R Nr Darby								
Como Reservoir Inflow ²								
Bitterroot R nr Missoula								

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LOWER CLARK FORK RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Clark Fork R bl Missoula								
Clark Fork R at St. Regis ¹								
Clark Fork R nr Plains ^{1,2}								
Thompson nr Thompson Falls								
Prospect Ck at Thompson Falls								
Clark Fork R at Whitehorse Rapids ^{1,2}								
	JUN-JUL			2295	38%			5984
	JUN-SEP			3080	43%			7166

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JEFFERSON RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lima Reservoir Inflow ²								
	MAY-JUL			18.8	26%			72
	MAY-SEP			19.6	25%			80
	JUN-JUL			7.3	19%			39
	JUN-SEP			9.3	20%			47
Clark Canyon Inflow ²								
	MAY-JUL			24	26%			92
	MAY-SEP			26	23%			115
	JUN-JUL			9.7	19%			52
	JUN-SEP			10.3	14%			75
Beaverhead R at Barretts ²								
	MAY-JUL			61	49%			124
	MAY-SEP			82	53%			155
	JUN-JUL			21.8	30%			73
	JUN-SEP			30	29%			104
Ruby R Reservoir Inflow ²								
	MAY-JUL			26	36%			73
	MAY-SEP			35	39%			89
	JUN-JUL			14.8	33%			45
	JUN-SEP			22	36%			61
Big Hole R at Wisdom								
	MAY-JUL			16.6	18%			93
	MAY-SEP			20	20%			100
	JUN-JUL			4.3	8%			57
	JUN-SEP			6	9%			65
Big Hole R nr Melrose								
	MAY-JUL			183	33%			555
	MAY-SEP			208	34%			612
	JUN-JUL			95	27%			349
	JUN-SEP			122	30%			406
Jefferson R nr Twin Bridges ²								
Boulder R nr Boulder								
	MAY-JUL			24	32%			75
	MAY-SEP			26	32%			81
	JUN-JUL			5.6	14%			40
	JUN-SEP			12.7	28%			46
Willow Ck Reservoir Inflow ²								
	MAY-JUL			2.1	14%			15.1
	MAY-SEP			2.5	14%			17.4
Jefferson R nr Three Forks ²								
	MAY-JUL			181	24%			749
	MAY-SEP			204	24%			841
	JUN-JUL			45	10%			459
	JUN-SEP			80	15%			551

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MADISON RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Hebgen Reservoir Inflow ²								

	MAY-JUL	149	46%	321
	MAY-SEP	218	51%	428
	JUN-JUL	65	33%	200
	JUN-SEP	120	39%	307
Ennis Reservoir Inflow ²				
	MAY-JUL	298	53%	562
	MAY-SEP	408	56%	731
	JUN-JUL	135	37%	369
	JUN-SEP	225	42%	538

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GALLATIN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gallatin R nr Gateway								
	MAY-JUL			243	59%			410
	MAY-SEP			291	60%			485
	JUN-JUL			128	43%			295
	JUN-SEP			170	46%			370
Hyalite Reservoir Inflow ²								
	MAY-JUL			12.2	58%			21
	MAY-SEP			14.1	56%			25
	JUN-JUL			6.8	43%			16
	JUN-SEP			8.7	45%			19.3
Gallatin R at Logan								
	MAY-JUL			174	41%			429
	MAY-SEP			218	43%			512
	JUN-JUL			130	45%			287
	JUN-SEP			180	49%			370

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SMITH-JUDITH-MUSSELSHELL	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Sheep Ck nr White Sulphur Springs								
	MAY-JUL			6.4	39%			16.3
	MAY-SEP			8.2	43%			19.2
	JUN-JUL			2.6	26%			10
	JUN-SEP			4.4	34%			12.9
Smith R bl Eagle Ck ²								
	MAY-JUL			52	35%			150
	MAY-SEP			70	38%			185
	JUN-JUL			25	28%			90
	JUN-SEP			40	32%			125
NF Musselshell R nr Delpine								
	MAY-SEP			1.1	22%			5
SF Musselshell R ab Martinsdale								
	MAY-JUL			5	11%			46
	MAY-SEP			6.3	13%			50
	JUN-JUL			1	4%			26
	JUN-SEP			1.1	4%			29
Musselshell R at Harlowton ²								
	MAY-JUL			7.5	11%			67
	MAY-SEP			7.8	11%			70

Musselshell R nr Roundup²

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SUN-TETON-MARIAS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gibson Reservoir Inflow	MAY-JUL			179	41%			441
	MAY-SEP			216	44%			489
	JUN-JUL			100	36%			281
	JUN-SEP			135	41%			329
Two Medicine R nr Browning ²	MAY-JUL			69	37%			187
	MAY-SEP			78	39%			200
	JUN-JUL			12	11%			105
	JUN-SEP			22	19%			117
Badger Ck nr Browning	MAY-JUL			32.5	35%			93
	MAY-SEP			43	39%			110
	JUN-JUL			14	25%			57
	JUN-SEP			20	27%			74
Swift Reservoir Inflow ²	MAY-JUL			19.3	32%			61
	MAY-SEP			27.4	38%			73
	JUN-JUL			7.5	20%			38
	JUN-SEP			13	26%			50
Dupuyer Ck nr Valier	MAY-JUL			3	23%			13
	MAY-SEP			4	27%			15
	JUN-JUL			2	25%			8
	JUN-SEP			2.5	26%			9.5
Cut Bank Ck nr Browning								
Marias R nr Shelby ²	MAY-JUL			82	21%			387
	MAY-SEP			93	22%			428
	JUN-JUL			45	19%			236
	JUN-SEP			55	20%			277
Teton R nr Dutton	MAY-JUL			1.1	2%			49.3
	MAY-SEP			2	3%			58.3
	JUN-SEP			1	3%			38.8

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ST. MARY & MILK BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lake Sherburne Inflow								
St. Mary R nr Babb ²	MAY-JUL			204	55%			371
	MAY-SEP			251	57%			439
	JUN-JUL			100	38%			261

St. Mary R at Intl Boundary ²	JUN-SEP	148	45%	329
	MAY-JUL	207	48%	429
	MAY-SEP	257	51%	506
	JUN-JUL	100	34%	298
Milk R at Western Crossing of Intl Bndry, AB	JUN-SEP	150	40%	376
	MAY-JUL	2.4	10%	23.8
	MAY-SEP	3.3	12%	27.2
	JUN-SEP	1.8	15%	12
Milk R at Eastern Crossing of Intl Bndry	MAY-JUL	4.1	9%	45.2
	MAY-SEP	4.2	8%	52.9
	JUN-JUL	4.4	20%	21.8
	JUN-SEP	6.1	22%	27.4

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MISSOURI MAINSTEM BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Missouri R at Toston ²	MAY-JUL			595	34%			1730
	MAY-SEP			787	38%			2071
	JUN-JUL			215	19%			1120
	JUN-SEP			375	26%			1461
Dearborn R nr Craig	MAY-JUL			24	23%			106
	MAY-SEP			25	23%			110
	JUN-JUL			10.5	17%			63
	JUN-SEP			13.2	20%			67
Missouri R at Fort Benton ²	MAY-JUL			723	28%			2597
	MAY-SEP			1403	44%			3188
	JUN-JUL			450	27%			1671
	JUN-SEP			625	28%			2262
Missouri R nr Virgelle ²	MAY-JUL			872	29%			3030
	MAY-SEP			1534	42%			3652
	JUN-JUL			425	22%			1942
	JUN-SEP			664	26%			2564
Missouri R nr Landusky ²	JUN-JUL			555	26%			2109
	JUN-SEP			730	26%			2792
Missouri R bl Fort Peck Dam ²	JUN-JUL			510	25%			2072
	JUN-SEP			730	29%			2490
Lake Sakakawea Inflow ²	JUN-JUL			1625	29%			5540
	JUN-SEP			2100	30%			6989

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	MAY-SEP	20	15%	135
	JUN-JUL	8.8	12%	75
	JUN-SEP	10	11%	92
Tongue R nr Dayton ²				
	MAY-SEP	50	46%	109
	JUN-JUL	18.5	29%	63
	JUN-SEP	25	32%	77
Big Goose Ck nr Sheridan				
Little Goose Ck nr Bighorn				
Tongue River Reservoir Inflow ²				
	MAY-SEP	90	40%	227
	JUN-JUL	35	26%	135
	JUN-SEP	50	31%	161
Yellowstone R at Miles City ²				
	JUN-JUL	1200	32%	3753
	JUN-SEP	1690	36%	4631
Powder R at Moorehead				
	MAY-JUL	20	11%	182
	MAY-SEP	25	12%	204
	JUN-JUL	5	4%	116
	JUN-SEP	10	7%	138
Powder R nr Locate				
	MAY-SEP	45	19%	234
	JUN-JUL	9	7%	138
	JUN-SEP	15	9%	162
Yellowstone R nr Sidney ²				
	JUN-JUL	1165	30%	3928
	JUN-SEP	1710	36%	4763

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