

Streamflow Forecast Summary: March 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}								
	APR-JUL			6270	53%			11730
	APR-SEP			6900	53%			12910

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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	APR-JUL			65	67%			97
	APR-SEP			67	64%			105
Clark Canyon Inflow ²	APR-JUL			85	64%			132
	APR-SEP			105	68%			155
Beaverhead R at Barretts ²	APR-JUL			110	64%			172
	APR-SEP			140	69%			203
Ruby R Reservoir Inflow ²	APR-JUL			56	67%			83
	APR-SEP			68	69%			99
Big Hole R at Wisdom	APR-JUL			60	55%			110
	APR-SEP			65	56%			117
Big Hole R nr Melrose	APR-JUL			320	50%			641
	APR-SEP			355	51%			697
Jefferson R nr Twin Bridges ²								
Boulder R nr Boulder	APR-JUL			65	76%			85
	APR-SEP			70	77%			91
Willow Ck Reservoir Inflow ²	APR-JUL			9	51%			17.7
	APR-SEP			10.5	53%			20
Jefferson R nr Three Forks ²	APR-JUL			490	50%			985
	APR-SEP			540	53%			1012

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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	APR-JUL			275	72%			380
	APR-SEP			355	73%			486
Ennis Reservoir Inflow ²	APR-JUL			485	73%			662
	APR-SEP			620	75%			831

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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								

Hyalite Reservoir Inflow ²	APR-JUL	335	76%	440
	APR-SEP	395	76%	518
Gallatin R at Logan	APR-JUL	16.8	73%	23
	APR-SEP	18.7	72%	26
	APR-JUL	370	74%	498
	APR-SEP	430	74%	581

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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	APR-JUL			11.2	62%			18.1
	APR-SEP			13	62%			21
Smith R bl Eagle Ck ²	APR-JUL			88	50%			175
	APR-SEP			115	55%			210
NF Musselshell R nr Delpine	APR-JUL			2.1	44%			4.8
	APR-SEP			2.5	45%			5.6
SF Musselshell R ab Martinsdale	APR-JUL			26.5	51%			52
	APR-SEP			29	52%			56
Musselshell R at Harlowton ²	APR-JUL			15	19%			80
	APR-SEP			15.5	19%			83
Musselshell R nr Roundup ²								

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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	APR-JUL			270	56%			478
	APR-SEP			305	58%			526
Two Medicine R nr Browning ²	APR-JUL			100	47%			215
	APR-SEP			110	48%			228
Badger Ck nr Browning	APR-JUL			55	53%			104
	APR-SEP			65	54%			120
Swift Reservoir Inflow ²	APR-JUL			40	59%			68
	APR-SEP			49	61%			80
Dupuyer Ck nr Valier	APR-JUL			6.1	38%			16
	APR-SEP			6.8	40%			17
Cut Bank Ck nr Browning								
Marias R nr Shelby ²								

Teton R nr Dutton	APR-JUL	120	27%	447
	APR-SEP	125	26%	487
	APR-JUL	20	34%	59.4
	APR-SEP	23	34%	68.3

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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	APR-JUL			185	47%			395
	APR-SEP			215	46%			463
St. Mary R at Intl Boundary ²	APR-JUL			212	46%			462
	APR-SEP			250	46%			539
Milk R at Western Crossing of Intl Bndry, AB	MAR-JUL			9.9	24%			41.6
	MAR-SEP			10.3	22%			46.2
Milk R at Eastern Crossing of Intl Bndry	MAR-JUL			20.3	24%			85
	MAR-SEP			21.1	23%			93

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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	APR-JUL			1325	64%			2075
	APR-SEP			1550	64%			2416
Dearborn R nr Craig	APR-JUL			65	54%			121
	APR-SEP			70	56%			125
Missouri R at Fort Benton ²	APR-JUL			1680	54%			3087
	APR-SEP			2080	57%			3678
Missouri R nr Virgelle ²	APR-JUL			1725	48%			3595
	APR-SEP			2120	50%			4217
Missouri R nr Landusky ²	APR-JUL			1880	48%			3897
	APR-SEP			2330	51%			4580
Missouri R bl Fort Peck Dam ²	APR-JUL			1870	47%			4015
	APR-SEP			2150	48%			4467
Lake Sakakawea Inflow ²	APR-JUL			5060	51%			9897
	APR-SEP			5740	51%			11346

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UPPER YELLOWSTONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yellowstone R at Yellowstone Lake Outlet	APR-JUL			330	58%			573
	APR-SEP			440	56%			792
Yellowstone R at Corwin Springs	APR-JUL			1045	65%			1609
	APR-SEP			1250	65%			1937
Yellowstone R at Livingston	APR-JUL			1189	64%			1855
	APR-SEP			1435	64%			2241
Shields R nr Livingston	APR-JUL			100	62%			162
	APR-SEP			115	64%			179
Boulder R at Big Timber	APR-JUL			210	63%			335
	APR-SEP			225	62%			364
Mystic Lake Inflow ²	APR-JUL			37	61%			61
	APR-SEP			47	59%			79
Stillwater R nr Absarokee ²	APR-JUL			255	51%			498
	APR-SEP			300	51%			593
Clarks Fk Yellowstone R nr Belfry	APR-JUL			318	60%			532
	APR-SEP			335	57%			590
Cooney Reservoir Inflow								
Yellowstone R at Billings	APR-JUL			2255	63%			3577
	APR-SEP			2650	63%			4211

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LOWER YELLOWSTONE RIVER BASIN (Wyoming)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Bighorn R nr St. Xavier ²	APR-JUL			595	36%			1645
	APR-SEP			755	42%			1794
Little Bighorn R nr Hardin	APR-JUL			77	55%			140
	APR-SEP			89	57%			157
Tongue R nr Dayton ²	APR-JUL			63	62%			101
	APR-SEP			73	63%			115
Big Goose Ck nr Sheridan								
Little Goose Ck nr Bighorn								
Tongue River Reservoir Inflow ²	APR-JUL			125	54%			230
	APR-SEP			145	57%			256
Yellowstone R at Miles City ²								

Powder R at Moorehead	APR-JUL	2935	54%	5431
	APR-SEP	3410	54%	6281
Powder R nr Locate	MAR-JUL	85	35%	246
	MAR-SEP	95	35%	268
	APR-JUL	53	25%	211
	APR-SEP	65	28%	232
Yellowstone R nr Sidney ²	MAR-JUL	100	31%	320
	MAR-SEP	113	33%	343
	APR-JUL	53	21%	252
	APR-SEP	66	24%	276
	APR-JUL	3020	51%	5925
	APR-SEP	3480	51%	6814

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