

Streamflow Forecast Summary: February 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			6600	56%			11730
	APR-SEP			7260	56%			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			70	67%			105
Clark Canyon Inflow ²	APR-JUL			85	64%			132
	APR-SEP			95	61%			155
Beaverhead R at Barretts ²	APR-JUL			110	64%			172
	APR-SEP			135	67%			203
Ruby R Reservoir Inflow ²	APR-JUL			65	78%			83
	APR-SEP			75	76%			99
Big Hole R at Wisdom	APR-JUL			80	73%			110
	APR-SEP			85	73%			117
Big Hole R nr Melrose	APR-JUL			450	70%			641
	APR-SEP			490	70%			697
Jefferson R nr Twin Bridges ²								
Boulder R nr Boulder	APR-JUL			70	82%			85
	APR-SEP			75	82%			91
Willow Ck Reservoir Inflow ²	APR-JUL			9	51%			17.7
	APR-SEP			11	55%			20
Jefferson R nr Three Forks ²	APR-JUL			630	64%			985
	APR-SEP			700	69%			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			280	74%			380
	APR-SEP			360	74%			486
Ennis Reservoir Inflow ²	APR-JUL			500	76%			662
	APR-SEP			645	78%			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	18	78%	23
	APR-SEP	20	77%	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
	APR-SEP			13.5	64%			21
Smith R bl Eagle Ck ²	APR-JUL			99	57%			175
	APR-SEP			125	60%			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			30	58%			52
	APR-SEP			32.5	58%			56
Musselshell R at Harlowton ²	APR-JUL			30	38%			80
	APR-SEP			32	39%			83
Musselshell R nr Roundup ²	APR-JUL			31	30%			104
	APR-SEP			32	30%			105

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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			260	54%			478
	APR-SEP			290	55%			526
Two Medicine R nr Browning ²	APR-JUL			95	44%			215
	APR-SEP			100	44%			228
Badger Ck nr Browning	APR-JUL			50	48%			104
	APR-SEP			60	50%			120
Swift Reservoir Inflow ²	APR-JUL			40	59%			68
	APR-SEP			49	61%			80
Dupuyer Ck nr Valier	APR-JUL			6.1	39%			15.5
	APR-SEP			6.8	40%			17
Cut Bank Ck nr Browning								

Marias R nr Shelby ²	APR-JUL	120	27%	447
	APR-SEP	125	26%	487
Teton R nr Dutton	APR-JUL	25	42%	59.4
	APR-SEP	28	41%	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			250	63%			395
	APR-SEP			300	65%			463
St. Mary R at Intl Boundary ²	APR-JUL			265	57%			462
	APR-SEP			325	60%			539
Milk R at Western Crossing of Intl Bndry, AB	MAR-JUL			10.6	25%			41.6
	MAR-SEP			11	24%			46.2
Milk R at Eastern Crossing of Intl Bndry	MAR-JUL			21.7	26%			85
	MAR-SEP			22.6	24%			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			1475	71%			2075
	APR-SEP			1730	72%			2416
Dearborn R nr Craig	APR-JUL			65	54%			121
	APR-SEP			69	55%			125
Missouri R at Fort Benton ²	APR-JUL			1900	62%			3087
	APR-SEP			2330	63%			3678
Missouri R nr Virgelle ²	APR-JUL			2075	58%			3595
	APR-SEP			2420	57%			4217
Missouri R nr Landusky ²	APR-JUL			2260	58%			3897
	APR-SEP			2590	57%			4580
Missouri R bl Fort Peck Dam ²	APR-JUL			2250	56%			4015
	APR-SEP			2420	54%			4467
Lake Sakakawea Inflow ²	APR-JUL			6000	61%			9897
	APR-SEP			6300	56%			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			370	65%			573
	APR-SEP			490	62%			792
Yellowstone R at Corwin Springs	APR-JUL			1045	65%			1609
	APR-SEP			1250	65%			1937
Yellowstone R at Livingston	APR-JUL			1190	64%			1855
	APR-SEP			1435	64%			2241
Shields R nr Livingston	APR-JUL			120	74%			162
	APR-SEP			130	73%			179
Boulder R at Big Timber	APR-JUL			215	64%			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			300	60%			498
	APR-SEP			350	59%			593
Clarks Fk Yellowstone R nr Belfry	APR-JUL			325	61%			532
	APR-SEP			350	59%			590
Cooney Reservoir Inflow								
Yellowstone R at Billings	APR-JUL			2300	64%			3577
	APR-SEP			2730	65%			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			814	49%			1645
	APR-SEP			850	47%			1794
Little Bighorn R nr Hardin	APR-JUL			78	56%			140
	APR-SEP			90	57%			157
Tongue R nr Dayton ²	APR-JUL			68	67%			101
	APR-SEP			79	69%			115
Big Goose Ck nr Sheridan								
Little Goose Ck nr Bighorn								
Tongue River Reservoir Inflow ²	APR-JUL			155	67%			230
	APR-SEP			170	66%			256

Yellowstone R at Miles City ²	APR-JUL	3300	61%	5431
	APR-SEP	3620	58%	6281
Powder R at Moorehead	MAR-JUL	125	51%	246
	MAR-SEP	140	52%	268
	APR-JUL	95	45%	211
	APR-SEP	110	47%	232
Powder R nr Locate	MAR-JUL	145	45%	320
	MAR-SEP	155	45%	343
	APR-JUL	100	40%	252
	APR-SEP	110	40%	276
Yellowstone R nr Sidney ²	APR-JUL	3600	61%	5925
	APR-SEP	3760	55%	6814

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