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

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
KOOTENAI RIVER BASIN in MONTANA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tobacco R nr Eureka								
Libby Reservoir Inflow ¹								
Fisher R nr Libby								
Yaak R nr Troy								
Kootenai R at Leonia ^{1,2}								

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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

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
FLATHEAD RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
NF Flathead R nr Columbia Falls								
MF Flathead R nr West Glacier								
Sf Flathead R nr Hungry Horse								
Hungry Horse Reservoir Inflow ^{1,2}								
Flathead R at Columbia Falls ²								
Ashley Ck nr Marion ²								
Swan R nr Bigfork								
Flathead Lake Inflow ^{1,2}								
Mill Ck ab Bassoo ck nr Niarada								
South Crow Ck nr Ronan								
Mission Ck nr St. Ignatius								
SF Jocko R nr Arlee								
NF Jocko R bl Tabor Feeder Canal								

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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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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

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			8430	72%			11730
	APR-SEP			9280	72%			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			85	88%			97
	APR-SEP			90	86%			105
Clark Canyon Inflow ²	APR-JUL			120	91%			132
	APR-SEP			140	90%			155
Beaverhead R at Barretts ²	APR-JUL			150	87%			172
	APR-SEP			180	89%			203
Ruby R Reservoir Inflow ²	APR-JUL			80	96%			83
	APR-SEP			95	96%			99
Big Hole R at Wisdom	APR-JUL			80	73%			110
	APR-SEP			85	73%			117
Big Hole R nr Melrose	APR-JUL			455	71%			641
	APR-SEP			500	72%			697
Jefferson R nr Twin Bridges ²								
Boulder R nr Boulder	APR-JUL			80	94%			85
	APR-SEP			88	97%			91
Willow Ck Reservoir Inflow ²	APR-JUL			14	78%			18
	APR-SEP			16	80%			20
Jefferson R nr Three Forks ²	APR-JUL			750	76%			985
	APR-SEP			835	83%			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			330	87%			380
	APR-SEP			425	87%			486
Ennis Reservoir Inflow ²	APR-JUL			620	94%			662
	APR-SEP			780	94%			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	390	89%	440
	APR-SEP	455	88%	518
Gallatin R at Logan	APR-JUL	20.4	89%	23
	APR-SEP	23	88%	26
	APR-JUL	440	88%	498
	APR-SEP	515	89%	581

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

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			13.3	73%			18.1
	APR-SEP			15.9	76%			21
Smith R bl Eagle Ck ²	APR-JUL			135	77%			175
	APR-SEP			160	76%			210
NF Musselshell R nr Delpine	APR-JUL			3.43	71%			4.8
	APR-SEP			4	71%			5.6
SF Musselshell R ab Martinsdale	APR-JUL			35.5	68%			52
	APR-SEP			39	70%			56
Musselshell R at Harlowton ²	APR-JUL			49	61%			80
	APR-SEP			52	63%			83
Musselshell R nr Roundup ²	APR-JUL			50	48%			104
	APR-SEP			52	50%			105

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

SUN-TETON-MARIAS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gibson Reservoir Inflow	APR-JUL			310	65%			478
	APR-SEP			350	67%			526
Two Medicine R nr Browning ²	APR-JUL			150	70%			215
	APR-SEP			160	70%			228
Badger Ck nr Browning	APR-JUL			75	72%			104
	APR-SEP			90	75%			120
Swift Reservoir Inflow ²	APR-JUL			48	71%			68
	APR-SEP			58	73%			80
Dupuyer Ck nr Valier	APR-JUL			10	65%			15.5
	APR-SEP			11.3	66%			17
Cut Bank Ck nr Browning								

Marias R nr Shelby²

APR-JUL	306	68%	447
APR-SEP	336	69%	487

Teton R nr Dutton

APR-JUL	38	64%	59
APR-SEP	44	64%	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			275	70%			395
	APR-SEP			325	70%			463
St. Mary R at Intl Boundary ²	APR-JUL			300	65%			462
	APR-SEP			360	67%			539
Milk R at Western Crossing of Intl Bndry, AB	MAR-JUL			17.5	42%			42
	MAR-SEP			18.7	40%			46.2
Milk R at Eastern Crossing of Intl Bndry	MAR-JUL			36.2	43%			85
	MAR-SEP			38.7	42%			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			1775	86%			2075
	APR-SEP			2070	86%			2416
Dearborn R nr Craig	APR-JUL			85	70%			121
	APR-SEP			88	70%			125
Missouri R at Fort Benton ²	APR-JUL			2465	80%			3087
	APR-SEP			2970	81%			3678
Missouri R nr Virgelle ²	APR-JUL			2810	78%			3595
	APR-SEP			3340	79%			4217
Missouri R nr Landusky ²	APR-JUL			3100	80%			3897
	APR-SEP			3690	81%			4580
Missouri R bl Fort Peck Dam ²	APR-JUL			3100	77%			4015
	APR-SEP			3560	80%			4467
Lake Sakakawea Inflow ²	APR-JUL			7785	79%			9897
	APR-SEP			8880	78%			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			460	80%			573
	APR-SEP			630	80%			792
Yellowstone R at Corwin Springs	APR-JUL			1305	81%			1609
	APR-SEP			1550	80%			1937
Yellowstone R at Livingston	APR-JUL			1500	81%			1855
	APR-SEP			1790	80%			2241
Shields R nr Livingston	APR-JUL			140	86%			162
	APR-SEP			155	87%			179
Boulder R at Big Timber	APR-JUL			230	69%			335
	APR-SEP			245	67%			364
Mystic Lake Inflow ²	APR-JUL			45	74%			61
	APR-SEP			60	76%			79
Stillwater R nr Absarokee ²	APR-JUL			390	78%			498
	APR-SEP			460	78%			593
Clarks Fk Yellowstone R nr Belfry	APR-JUL			385	72%			532
	APR-SEP			415	70%			590
Cooney Reservoir Inflow								
Yellowstone R at Billings	APR-JUL			2860	80%			3577
	APR-SEP			3410	81%			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			1185	72%			1645
	APR-SEP			1310	73%			1794
Little Bighorn R nr Hardin	APR-JUL			90	64%			140
	APR-SEP			100	64%			157
Tongue R nr Dayton ²	APR-JUL			80	79%			101
	APR-SEP			90	78%			115
Big Goose Ck nr Sheridan								
Little Goose Ck nr Bighorn								
Tongue River Reservoir Inflow ²	APR-JUL			165	72%			230
	APR-SEP			185	72%			256

Yellowstone R at Miles City ²	APR-JUL	4200	77%	5431
	APR-SEP	4840	77%	6281
Powder R at Moorehead	MAR-JUL	155	63%	246
	MAR-SEP	170	63%	268
	APR-JUL	120	57%	211
	APR-SEP	135	58%	232
Powder R nr Locate	MAR-JUL	175	55%	320
	MAR-SEP	195	57%	343
	APR-JUL	125	50%	252
	APR-SEP	145	53%	276
Yellowstone R nr Sidney ²	APR-JUL	4440	75%	5925
	APR-SEP	5140	75%	6814

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