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Streamflow Forecast Summary: April 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			6100	52%			11730
	APR-SEP			6710	52%			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			55	57%			97
	APR-SEP			60	57%			105
Clark Canyon Inflow ²	APR-JUL			75	57%			132
	APR-SEP			85	55%			155
Beaverhead R at Barretts ²	APR-JUL			92	53%			172
	APR-SEP			120	59%			203
Ruby R Reservoir Inflow ²	APR-JUL			45	54%			83
	APR-SEP			55	56%			99
Big Hole R at Wisdom	APR-JUL			55	50%			110
	APR-SEP			60	51%			117
Big Hole R nr Melrose	APR-JUL			265	41%			641
	APR-SEP			300	43%			697
Jefferson R nr Twin Bridges ²								
Boulder R nr Boulder	APR-JUL			62	73%			85
	APR-SEP			67	74%			91
Willow Ck Reservoir Inflow ²	APR-JUL			7.5	42%			17.7
	APR-SEP			8.9	45%			20
Jefferson R nr Three Forks ²	APR-JUL			400	41%			985
	APR-SEP			450	44%			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			260	68%			380
	APR-SEP			335	69%			486
Ennis Reservoir Inflow ²	APR-JUL			445	67%			662
	APR-SEP			570	69%			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	310	70%	440
	APR-SEP	365	70%	518
Gallatin R at Logan	APR-JUL	16.4	71%	23
	APR-SEP	18.3	70%	26
	APR-JUL	295	59%	498
	APR-SEP	350	60%	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			10	55%			18.1
	APR-SEP			12	57%			21
Smith R bl Eagle Ck ²	APR-JUL			80	46%			175
	APR-SEP			100	48%			210
NF Musselshell R nr Delpine	APR-JUL			2.2	46%			4.8
	APR-SEP			2.6	43%			6
SF Musselshell R ab Martinsdale	APR-JUL			21	40%			52
	APR-SEP			23.5	42%			56
Musselshell R at Harlowton ²	APR-JUL			16.5	21%			80
	APR-SEP			17.8	21%			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			260	54%			478
	APR-SEP			295	56%			526
Two Medicine R nr Browning ²	APR-JUL			85	40%			215
	APR-SEP			95	42%			228
Badger Ck nr Browning	APR-JUL			52	50%			104
	APR-SEP			65	54%			120
Swift Reservoir Inflow ²	APR-JUL			35	51%			68
	APR-SEP			44	55%			80
Dupuyer Ck nr Valier	APR-JUL			5.7	36%			16
	APR-SEP			6.6	39%			17
Cut Bank Ck nr Browning								
Marias R nr Shelby ²								

Teton R nr Dutton	APR-JUL	107	24%	447
	APR-SEP	109	22%	487
	APR-JUL	17.5	29%	59.4
	APR-SEP	20	29%	68

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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			190	48%			395
	APR-SEP			240	52%			463
St. Mary R at Intl Boundary ²	APR-JUL			225	49%			462
	APR-SEP			295	55%			539
Milk R at Western Crossing of Intl Bndry, AB	APR-JUL			10.3	28%			36.8
	APR-SEP			11.3	28%			40
Milk R at Eastern Crossing of Intl Bndry	APR-JUL			16.9	26%			64.8
	APR-SEP			18.9	25%			74.7

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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			1110	53%			2075
	APR-SEP			1310	54%			2416
Dearborn R nr Craig	APR-JUL			60	50%			121
	APR-SEP			62	50%			125
Missouri R at Fort Benton ²	APR-JUL			1490	48%			3087
	APR-SEP			1860	51%			3678
Missouri R nr Virgelle ²	APR-JUL			1665	46%			3595
	APR-SEP			2050	49%			4217
Missouri R nr Landusky ²	APR-JUL			1820	47%			3897
	APR-SEP			2260	49%			4580
Missouri R bl Fort Peck Dam ²	APR-JUL			1800	45%			4015
	APR-SEP			2070	46%			4467
Lake Sakakawea Inflow ²	APR-JUL			4590	46%			9897
	APR-SEP			5200	46%			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			995	62%			1609
	APR-SEP			1200	62%			1937
Yellowstone R at Livingston	APR-JUL			1125	61%			1855
	APR-SEP			1375	61%			2241
Shields R nr Livingston	APR-JUL			105	65%			162
	APR-SEP			120	67%			179
Boulder R at Big Timber	APR-JUL			200	60%			335
	APR-SEP			215	59%			364
Mystic Lake Inflow ²	APR-JUL			35	57%			61
	APR-SEP			45	57%			79
Stillwater R nr Absarokee ²	APR-JUL			250	50%			498
	APR-SEP			295	50%			593
Clarks Fk Yellowstone R nr Belfry	APR-JUL			310	58%			532
	APR-SEP			330	56%			590
Cooney Reservoir Inflow								
Yellowstone R at Billings	APR-JUL			2190	61%			3577
	APR-SEP			2560	61%			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			440	27%			1645
	APR-SEP			489	27%			1794
Little Bighorn R nr Hardin	APR-JUL			70	50%			140
	APR-SEP			80	51%			157
Tongue R nr Dayton ²	APR-JUL			57	56%			101
	APR-SEP			68	59%			115
Big Goose Ck nr Sheridan								
Little Goose Ck nr Bighorn								
Tongue River Reservoir Inflow ²	APR-JUL			110	48%			230
	APR-SEP			125	49%			256
Yellowstone R at Miles City ²								

Powder R at Moorehead	APR-JUL	2450	45%	5431
	APR-SEP	3000	48%	6281
Powder R nr Locate	APR-JUL	30	14%	211
	APR-SEP	40	17%	232
Yellowstone R nr Sidney ²	APR-JUL	31	12%	252
	APR-SEP	36	13%	276
	APR-JUL	2510	42%	5925
	APR-SEP	3040	45%	6814

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