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Streamflow Forecast Summary: February 1, 2002
(averages based on 1981-2010 reference period)

KOOTENAI RIVER BASIN in MONTANA	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment: Chance that actual volume will exceed forecast — 90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tobacco R nr Eureka								
	APR-JUL			102	75%			136
	APR-SEP			113	75%			150
Libby Reservoir Inflow[1]								
	APR-JUL			5350	95%			5638
	APR-SEP			6300	95%			6638
Fisher R nr Libby								
	APR-JUL			160	70%			230
	APR-SEP			175	71%			245
Yaak R nr Troy								
	APR-JUL			385	88%			440
	APR-SEP			405	88%			460
Kootenai R at Leonia[1,2]								
	APR-JUL			6655	95%			7035
	APR-SEP			7690	95%			8125

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3) Median value used in place of average

FLATHEAD RIVER BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment: Chance that actual volume will exceed forecast — 90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
NF Flathead R nr Columbia Falls								
	APR-JUL			1450	89%			1630
	APR-SEP			1615	90%			1800
MF Flathead R nr West Glacier								
	APR-JUL			1340	84%			1590
	APR-SEP			1470	84%			1740
Sf Flathead R nr Hungry Horse								
Hungry Horse Reservoir Inflow[1,2]								
	APR-JUL			1660	83%			1995
	APR-SEP			1780	84%			2124
Flathead R at Columbia Falls[2]								
	APR-JUL			4575	85%			5355
	APR-SEP			5010	86%			5825
Ashley Ck nr Marion[2]								
	APR-JUL			4.5	64%			7
Swan R nr Bigfork								
	APR-JUL			474	84%			565
	APR-SEP			540	84%			645
Flathead Lake Inflow[1,2]								
	APR-JUL			5300	85%			6200
	APR-SEP			5785	86%			6713
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								
	APR-JUL			36.5	48%			76
	APR-SEP			41	49%			84
Flint Ck nr Southern Cross								
	APR-JUL			8	57%			14
	APR-SEP			9	56%			16
Flint Ck bl Boulder Ck								
	APR-JUL			29	52%			56
	APR-SEP			39	55%			71
Lower Willow Ck Reservoir Inflow[2]								
	APR-JUL			8	64%			12.5
	APR-SEP			9	67%			13.5
MF Rock Ck nr Philipsburg								
	APR-JUL			40	63%			64
	APR-SEP			45	63%			72
Rock Ck nr Clinton								
	APR-JUL			160	59%			270
	APR-SEP			188	62%			305
Clark Fork R ab Milltown								
	APR-JUL			450	74%			605
	APR-SEP			530	75%			705
Nevada Ck nr Helmville								
	APR-JUL			12	71%			17
	APR-SEP			13.3	70%			19
Blackfoot R nr Bonner								
	APR-JUL			675	84%			805
	APR-SEP			750	84%			892
Clark Fork R ab Missoula								
	APR-JUL			1125	80%			1415
	APR-SEP			1280	80%			1595

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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]								
	APR-JUL			120	84%			143
	APR-SEP			130	83%			157
Bitterroot R Nr Darby								
	APR-JUL			405	88%			460
	APR-SEP			455	89%			514
Como Reservoir Inflow[2]								
	APR-JUL			74	95%			78
	APR-SEP			79	96%			82
Bitterroot R nr Missoula								
	APR-JUL			1070	86%			1250
	APR-SEP			1175	86%			1364

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		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
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								
	APR-JUL			2200	83%			2660
	APR-SEP			2460	83%			2962
Clark Fork R at St. Regis[1]								
	APR-JUL			2900	82%			3520
	APR-SEP			3280	84%			3907
Clark Fork R nr Plains[1,2]								
	APR-JUL			8510	84%			10100
	APR-SEP			9460	86%			11060
Thompson nr Tompson Falls								
	APR-JUL			148	72%			205
	APR-SEP			170	74%			230
Prospect Ck at Thompson Falls								
	APR-JUL			87	75%			116
	APR-SEP			94	76%			124
Clark Fork R at Whitehorse Rapids[1,2]								
	APR-JUL			10300	90%			11400
	APR-SEP			11300	91%			12460

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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			78	81%			96
	APR-SEP			86	83%			104
Clark Canyon Inflow[2]								
	APR-JUL			100	76%			131
	APR-SEP			125	80%			156
Beaverhead R at Barretts[2]								
	APR-JUL			130	77%			168
	APR-SEP			160	80%			200
Ruby R Reservoir Inflow[2]								
	APR-JUL			52	62%			84
	APR-SEP			63	62%			101
Big Hole R at Wisdom								
	APR-JUL			68	62%			110
	APR-SEP			75	64%			117
Big Hole R nr Melrose								
	APR-JUL			345	57%			610
	APR-SEP			380	58%			660
Jefferson R nr Twin Bridges[2]								
Boulder R nr Boulder								
	APR-JUL			45	58%			78
	APR-SEP			49	58%			85
Willow Ck Reservoir Inflow[2]								
	APR-JUL			10	56%			17.9
	APR-SEP			11.2	56%			20
Jefferson R nr Three Forks[2]								

	APR-JUL			415	53%			780
	APR-SEP			465	54%			860

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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			310	79%			390
	APR-SEP			410	82%			500
Ennis Reservoir Inflow[2]								
	APR-JUL			560	82%			680
	APR-SEP			705	83%			850

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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								
	APR-JUL			320	73%			440
	APR-SEP			375	73%			515
Hyalite Reservoir Inflow[2]								
	APR-JUL			15.8	72%			22
	APR-SEP			17.9	72%			25
Gallatin R at Logan								
	APR-JUL			310	63%			495
	APR-SEP			365	64%			570

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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			9.1	53%			17.1
	APR-SEP			11.4	57%			20
Smith R bl Eagle Ck[2]								
	APR-JUL			105	60%			175
	APR-SEP			128	61%			210
NF Musselshell R nr Delpine								
	APR-JUL			2.82	61%			4.6
	APR-SEP			3.33	67%			5
SF Musselshell R ab Martinsdale								
	APR-JUL			32	62%			52
	APR-SEP			34.5	62%			56
Musselshell R at Harlowton[2]								
	APR-JUL			39.5	51%			77
	APR-SEP			40.5	50%			81
Musselshell R nr Roundup[2]								

	APR-JUL			32	32%			99
	APR-SEP			30	29%			102

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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	57%			460
	APR-SEP			295	58%			505
Two Medicine R nr Browning[2]								
	APR-JUL			150	73%			205
	APR-SEP			160	74%			215
Badger Ck nr Browning								
	APR-JUL			76	77%			99
	APR-SEP			90	78%			115
Swift Reservoir Inflow[2]								
	APR-JUL			42	66%			64
	APR-SEP			53	69%			77
Dupuyer Ck nr Valier								
	APR-JUL			10.5	75%			14
	APR-SEP			11.8	75%			15.7
Cut Bank Ck nr Browning								
Marias R nr Shelby[2]								
	APR-JUL			255	61%			415
	APR-SEP			270	61%			440
Teton R nr Dutton								
	APR-JUL			23	45%			51
	APR-SEP			28	47%			59

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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			310	81%			385
	APR-SEP			365	81%			450
St. Mary R at Intl Boundary[2]								
	APR-JUL			325	75%			435
	APR-SEP			395	77%			515
Milk R at Western Crossing of Intl Bndry, AB								
	MAR-JUL			15	37%			41
	MAR-SEP			15.9	37%			43
Milk R at Eastern Crossing of Intl Bndry								
	MAR-JUL			29.3	35%			83
	MAR-SEP			31.2	35%			88

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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			1380	67%			2050
	APR-SEP			1615	68%			2390
Dearborn R nr Craig								
	APR-JUL			85	70%			121
	APR-SEP			90	72%			125
Missouri R at Fort Benton[2]								
	APR-JUL			2175	73%			2990
	APR-SEP			2643	74%			3570
Missouri R nr Virgelle[2]								
	APR-JUL			2500	72%			3450
	APR-SEP			2990	74%			4060
Missouri R nr Landusky[2]								
	APR-JUL			2520	68%			3690
	APR-SEP			3040	70%			4350
Missouri R bl Fort Peck Dam[2]								
	APR-JUL			2700	72%			3740
	APR-SEP			3100	72%			4330
Lake Sakakawea Inflow[2]								
	APR-JUL			6690	69%			9740
	APR-SEP			7616	68%			11200

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		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
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			480	81%			590
	APR-SEP			630	78%			805
Yellowstone R at Corwin Springs								
	APR-JUL			1255	76%			1650
	APR-SEP			1510	77%			1970
Yellowstone R at Livingston								
	APR-JUL			1440	76%			1900
	APR-SEP			1740	76%			2280
Shields R nr Livingston								
	APR-JUL			62	43%			145
	APR-SEP			71	44%			162
Boulder R at Big Timber								
	APR-JUL			200	70%			285
	APR-SEP			215	68%			315
Mystic Lake Inflow[2]								
	APR-JUL			42.5	72%			59
	APR-SEP			55	72%			76
Stillwater R nr Absarokee[2]								
	APR-JUL			330	67%			495
	APR-SEP			390	67%			585
Clarks Fk Yellowstone R nr Belfry								
	APR-JUL			365	68%			540
	APR-SEP			390	66%			595
Cooney Reservoir Inflow								
	APR-JUL			28	60%			47
	APR-SEP			36	63%			57

Yellowstone R at Billings								
	APR-JUL			2650	75%			3510
	APR-SEP			3220	78%			4120

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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			750	47%			1610
	APR-SEP			935	53%			1760
Little Bighorn R nr Hardin								
	APR-JUL			60	47%			128
	APR-SEP			70	49%			144
Tongue R nr Dayton[2]								
	APR-JUL			49	51%			96
	APR-SEP			59	54%			109
Big Goose Ck nr Sheridan								
Little Goose Ck nr Bighorn								
Tongue River Reservoir Inflow[2]								
	APR-JUL			110	50%			220
	APR-SEP			130	52%			250
Yellowstone R at Miles City[2]								
	APR-JUL			3500	65%			5360
	APR-SEP			4095	66%			6210
Powder R at Moorehead								
	MAR-JUL			85	35%			240
	MAR-SEP			98	37%			265
	APR-JUL			55	27%			205
	APR-SEP			68	30%			230
Powder R nr Locate								
	MAR-JUL			95	31%			310
	MAR-SEP			110	33%			335
	APR-JUL			50	21%			235
	APR-SEP			65	25%			260
Yellowstone R nr Sidney[2]								
	APR-JUL			3400	62%			5480
	APR-SEP			4015	64%			6280

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3) Median value used in place of average