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Streamflow Forecast Summary: April 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			115	85%			136
	APR-SEP			125	83%			150
Libby Reservoir Inflow[1]								
	APR-JUL			5580	99%			5638
	APR-SEP			6570	99%			6638
Fisher R nr Libby								
	APR-JUL			180	78%			230
	APR-SEP			195	80%			245
Yaak R nr Troy								
	APR-JUL			435	99%			440
	APR-SEP			455	99%			460
Kootenai R at Leonia[1,2]								
	APR-JUL			6970	99%			7035
	APR-SEP			8040	99%			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			1560	96%			1630
	APR-SEP			1730	96%			1800
MF Flathead R nr West Glacier								
	APR-JUL			1510	95%			1590
	APR-SEP			1650	95%			1740
Sf Flathead R nr Hungry Horse								
Hungry Horse Reservoir Inflow[1,2]								
	APR-JUL			1940	97%			1995
	APR-SEP			2060	97%			2124
Flathead R at Columbia Falls[2]								
	APR-JUL			5160	96%			5355
	APR-SEP			5610	96%			5825
Ashley Ck nr Marion[2]								
	APR-JUL			4.52	65%			7
Swan R nr Bigfork								
	APR-JUL			560	99%			565
	APR-SEP			620	96%			645
Flathead Lake Inflow[1,2]								
	APR-JUL			5960	96%			6200
	APR-SEP			6460	96%			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			42	55%			76
	APR-SEP			48	57%			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			44	69%			64
	APR-SEP			50	69%			72
Rock Ck nr Clinton								
	APR-JUL			185	69%			270
	APR-SEP			215	70%			305
Clark Fork R ab Milltown								
	APR-JUL			455	75%			605
	APR-SEP			525	74%			705
Nevada Ck nr Helmville								
	APR-JUL			12	71%			17
	APR-SEP			13	69%			18.9
Blackfoot R nr Bonner								
	APR-JUL			780	97%			805
	APR-SEP			865	97%			892
Clark Fork R ab Missoula								
	APR-JUL			1210	86%			1415
	APR-SEP			1360	85%			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			115	80%			143
	APR-SEP			125	80%			157
Bitterroot R Nr Darby								
	APR-JUL			400	87%			460
	APR-SEP			445	87%			514
Como Reservoir Inflow[2]								
	APR-JUL			78	100%			78
	APR-SEP			83	101%			82
Bitterroot R nr Missoula								
	APR-JUL			1130	90%			1250
	APR-SEP			1230	90%			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			2340	88%			2660
	APR-SEP			2590	87%			2962
Clark Fork R at St. Regis[1]								
	APR-JUL			3370	96%			3520
	APR-SEP			3730	95%			3907
Clark Fork R nr Plains[1,2]								
	APR-JUL			9650	96%			10100
	APR-SEP			10600	96%			11060
Thompson nr Tompson Falls								
	APR-JUL			185	90%			205
	APR-SEP			210	91%			230
Prospect Ck at Thompson Falls								
	APR-JUL			100	86%			116
	APR-SEP			112	90%			124
Clark Fork R at Whitehorse Rapids[1,2]								
	APR-JUL			10800	95%			11400
	APR-SEP			11900	96%			12460

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		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
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			72	75%			96
	APR-SEP			79	76%			104
Clark Canyon Inflow[2]								
	APR-JUL			90	69%			131
	APR-SEP			108	69%			156
Beaverhead R at Barretts[2]								
	APR-JUL			120	71%			168
	APR-SEP			150	75%			200
Ruby R Reservoir Inflow[2]								
	APR-JUL			45	54%			84
	APR-SEP			56	55%			101
Big Hole R at Wisdom								
	APR-JUL			60	55%			110
	APR-SEP			65	56%			117
Big Hole R nr Melrose								
	APR-JUL			335	55%			610
	APR-SEP			370	56%			660
Jefferson R nr Twin Bridges[2]								
Boulder R nr Boulder								
	APR-JUL			46	59%			78
	APR-SEP			52	61%			85
Willow Ck Reservoir Inflow[2]								
	APR-JUL			7.7	43%			17.9
	APR-SEP			8.8	44%			20
Jefferson R nr Three Forks[2]								

	APR-JUL			380	49%			780
	APR-SEP			430	50%			860

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		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
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			405	81%			500
Ennis Reservoir Inflow[2]								
	APR-JUL			515	76%			680
	APR-SEP			650	76%			850

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		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
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			315	72%			440
	APR-SEP			375	73%			515
Hyalite Reservoir Inflow[2]								
	APR-JUL			16	73%			22
	APR-SEP			18.1	72%			25
Gallatin R at Logan								
	APR-JUL			305	62%			495
	APR-SEP			360	63%			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			10.5	61%			17.1
	APR-SEP			13	65%			20
Smith R bl Eagle Ck[2]								
	APR-JUL			105	60%			175
	APR-SEP			125	60%			210
NF Musselshell R nr Delpine								
	APR-JUL			3	65%			4.6
	APR-SEP			3.55	71%			5
SF Musselshell R ab Martinsdale								
	APR-JUL			29.5	57%			52
	APR-SEP			32.6	58%			56
Musselshell R at Harlowton[2]								
	APR-JUL			37.5	49%			77
	APR-SEP			39.5	49%			81
Musselshell R nr Roundup[2]								

	APR-JUL			28.1	28%		99
	APR-SEP			28	27%		102

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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			380	83%			460
	APR-SEP			425	84%			505
Two Medicine R nr Browning[2]								
	APR-JUL			205	100%			205
	APR-SEP			220	102%			215
Badger Ck nr Browning								
	APR-JUL			98	99%			99
	APR-SEP			115	100%			115
Swift Reservoir Inflow[2]								
	APR-JUL			58	91%			64
	APR-SEP			70	91%			77
Dupuyer Ck nr Valier								
	APR-JUL			13.5	96%			14
	APR-SEP			15	96%			15.7
Cut Bank Ck nr Browning								
Marias R nr Shelby[2]								
	APR-JUL			385	93%			415
	APR-SEP			410	93%			440
Teton R nr Dutton								
	APR-JUL			36	71%			51
	APR-SEP			41	69%			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			330	86%			385
	APR-SEP			390	87%			450
St. Mary R at Intl Boundary[2]								
	APR-JUL			385	89%			435
	APR-SEP			450	87%			515
Milk R at Western Crossing of Intl Bndry, AB								
	MAR-JUL			18	44%			41
	MAR-SEP			19.5	45%			43
	APR-JUL			17.4	53%			33
	APR-SEP			19.2	53%			36
Milk R at Eastern Crossing of Intl Bndry								
	APR-JUL			31.1	51%			61
	APR-SEP			34.7	50%			69

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MISSOURI MAINSTEM BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
Missouri R at Toston[2]								
	APR-JUL			1255	61%			2050
	APR-SEP			1470	62%			2390
Dearborn R nr Craig								
	APR-JUL			100	83%			121
	APR-SEP			105	84%			125
Missouri R at Fort Benton[2]								
	APR-JUL			1990	67%			2990
	APR-SEP			2430	68%			3570
Missouri R nr Virgelle[2]								
	APR-JUL			2295	67%			3450
	APR-SEP			2760	68%			4060
Missouri R nr Landusky[2]								
	APR-JUL			2295	62%			3690
	APR-SEP			2790	64%			4350
Missouri R bl Fort Peck Dam[2]								
	APR-JUL			2480	66%			3740
	APR-SEP			2850	66%			4330
Lake Sakakawea Inflow[2]								
	APR-JUL			6025	62%			9740
	APR-SEP			6850	61%			11200

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UPPER YELLOWSTONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
Yellowstone R at Yellowstone Lake Outlet								
	APR-JUL			475	81%			590
	APR-SEP			630	78%			805
Yellowstone R at Corwin Springs								
	APR-JUL			1250	76%			1650
	APR-SEP			1500	76%			1970
Yellowstone R at Livingston								
	APR-JUL			1430	75%			1900
	APR-SEP			1730	76%			2280
Shields R nr Livingston								
	APR-JUL			80	55%			145
	APR-SEP			88	54%			162
Boulder R at Big Timber								
	APR-JUL			200	70%			285
	APR-SEP			215	68%			315
Mystic Lake Inflow[2]								
	APR-JUL			42	71%			59
	APR-SEP			55	72%			76
Stillwater R nr Absarokee[2]								
	APR-JUL			325	66%			495
	APR-SEP			395	68%			585
Clarks Fk Yellowstone R nr Belfry								
	APR-JUL			365	68%			540
	APR-SEP			400	67%			595
Cooney Reservoir Inflow								

	APR-JUL			25	53%			47
	APR-SEP			33	58%			57
Yellowstone R at Billings								
	APR-JUL			2375	68%			3510
	APR-SEP			2840	69%			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			835	52%			1610
	APR-SEP			950	54%			1760
Little Bighorn R nr Hardin								
	APR-JUL			63	49%			128
	APR-SEP			74	51%			144
Tongue R nr Dayton[2]								
	APR-JUL			66	69%			96
	APR-SEP			77	71%			109
Big Goose Ck nr Sheridan								
Little Goose Ck nr Bighorn								
Tongue River Reservoir Inflow[2]								
	APR-JUL			165	75%			220
	APR-SEP			190	76%			250
Yellowstone R at Miles City[2]								
	APR-JUL			3195	60%			5360
	APR-SEP			3697	60%			6210
Powder R at Moorehead								
	APR-JUL			95	46%			205
	APR-SEP			110	48%			230
Powder R nr Locate								
	APR-JUL			98	42%			235
	APR-SEP			115	44%			260
Yellowstone R nr Sidney[2]								
	APR-JUL			3380	62%			5480
	APR-SEP			3870	62%			6280

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