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**Streamflow Forecast Summary: May 1, 2022**  
**(Medians based On 1991-2020 reference period)**

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

<b>Flathead</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Flathead R at Columbia Falls <sup>2</sup>								
	MAY-JUL	4500	4890	5160	118%	5430	5830	4370
	MAY-SEP	4830	5280	5590	114%	5900	6350	4900
Flathead Lake Inflow <sup>1,2</sup>								
	MAY-JUL	4780	5500	5830	116%	6160	6880	5040
	MAY-SEP	5050	5900	6290	111%	6680	7530	5680
SF Jocko R nr Arlee								
	MAY-JUL	25	30	34	103%	37	42	33
	MAY-SEP	29	34	38	103%	41	47	37
Swan R nr Bigfork								
	MAY-JUL	370	420	455	105%	490	535	435
	MAY-SEP	430	485	525	104%	560	620	505
Hungry Horse Reservoir Inflow <sup>1,2</sup>								
	MAY-JUL	1360	1570	1670	109%	1760	1970	1530
	MAY-SEP	1430	1670	1780	107%	1890	2120	1660
Mill Ck ab Bassoo ck nr Niarada								
	MAY-JUL	2.6	3.3	3.9	122%	4.5	5.5	3.2
	MAY-SEP	2.9	3.7	4.3	119%	4.9	5.9	3.6
MF Flathead R nr West Glacier								
	MAY-JUL	1360	1490	1580	121%	1670	1800	1310
	MAY-SEP	1460	1610	1710	116%	1820	1960	1470
Sf Flathead R nr Hungry Horse								
	MAY-JUL	865	975	1050	105%	1120	1230	1000
	MAY-SEP	920	1040	1120	105%	1200	1320	1070
NF Flathead R nr Columbia Falls								
	MAY-JUL	1530	1670	1760	127%	1850	1980	1390
	MAY-SEP	1680	1830	1930	125%	2030	2180	1540
Mission Ck nr St. Ignatius								
	MAY-JUL	20	24	26	104%	28	32	25
	MAY-SEP	24	28	31	103%	34	38	30
South Crow Ck nr Ronan								
	MAY-JUL	7.2	8.8	9.9	102%	11	12.6	9.7
	MAY-SEP	8.2	10.1	11.3	104%	12.5	14.4	10.9

1) 90% And 10% exceedance probabilities are actually 95% And 5%

2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

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<b>Bitterroot</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Bitterroot R Nr Darby <sup>2</sup>								
	MAY-JUL	320	385	430	112%	475	540	385
	MAY-SEP	345	415	460	111%	510	575	415
Bitterroot R nr Missoula								
	MAY-JUL	805	950	1050	102%	1140	1280	1030
	MAY-SEP	895	1040	1140	100%	1240	1390	1140
WF Bitterroot R Nr Conner <sup>2</sup>								
	MAY-JUL	81	105	121	113%	138	162	107
	MAY-SEP	89	114	132	112%	149	174	118

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<b>Lower Clark Fork</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Clark Fork R bl Cabinet Gorge Dam <sup>2</sup>	MAY-JUL	8240	9070	9630	114%	10200	11000	8430
	MAY-SEP	8860	9840	10500	111%	11200	12100	9490
Clark Fork R at St. Regis <sup>1</sup>	MAY-JUL	1860	2450	2710	98%	2980	3570	2760
	MAY-SEP	2110	2740	3030	98%	3310	3950	3080
Clark Fork R ab Missoula	MAY-JUL	685	905	1050	100%	1200	1420	1050
	MAY-SEP	810	1040	1200	98%	1370	1600	1230
Prospect Ck at Thompson Falls	MAY-JUL	60	72	80	113%	88	99	71
	MAY-SEP	67	79	88	111%	96	108	79
Clark Fork R nr Plains <sup>1,2</sup>	MAY-JUL	7130	8230	8730	114%	9230	10300	7680
	MAY-SEP	7670	8950	9540	110%	10100	11400	8660
Clark Fork R bl Missoula	MAY-JUL	1530	1870	2100	100%	2330	2670	2100
	MAY-SEP	1730	2090	2340	99%	2590	2950	2360

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<b>Upper Clark Fork</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Rock Ck nr Clinton	MAY-JUL	129	175	205	98%	235	280	210
	MAY-SEP	154	205	235	98%	270	320	240
Flint Ck bl Boulder Ck	MAY-JUL	23	35	43	93%	51	62	46
	MAY-SEP	32	46	55	90%	65	78	61
Nevada Ck nr Helmville	MAY-JUL	1.48	6.4	9.7	81%	13.1	18	12
	MAY-SEP	2.3	7.5	11.1	83%	14.6	19.9	13.3
Blackfoot R nr Bonner	MAY-JUL	480	580	655	112%	725	825	585
	MAY-SEP	545	660	730	111%	805	920	660
Clark Fk at Goldcreek	MAY-JUL	35	91	128	84%	166	220	153
	MAY-SEP	52	113	154	89%	196	255	174
MF Rock Ck nr Philipsburg	MAY-JUL	36	45	52	100%	59	68	52
	MAY-SEP	41	52	59	102%	66	76	58
Clark Fork R ab Milltown	MAY-JUL	188	315	400	90%	485	615	445
	MAY-SEP	240	380	475	87%	570	710	545
Georgetown Lake Inflow <sup>2</sup>	MAY-JUL	4.7	7.7	9.8	92%	11.8	14.8	10.7
	MAY-SEP	5.6	9.3	11.8	92%	14.2	17.9	12.8

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	MAY-JUL	26	97	145	90%	193	265	161
	MAY-SEP	38	110	159	92%	210	280	173
Powder R nr Locate								
	MAY-JUL	29	105	157	85%	210	285	184
	MAY-SEP	38	118	172	86%	225	305	199
Powder R nr Locate								
	MAY-JUL	29	105	157	85%	210	285	184
	MAY-SEP	38	118	172	86%	225	305	199

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<b>Tongue</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Tongue River Reservoir Inflow <sup>2</sup>								
	MAY-JUL	109	157	190	95%	225	270	200
	MAY-SEP	129	180	215	96%	250	300	225
Little Goose Ck nr Big Horn								
	MAY-JUL	19.1	25	29	97%	33	39	30
	MAY-SEP	27	33	38	95%	43	49	40
Tongue R nr Dayton <sup>2</sup>								
	MAY-JUL	59	73	83	100%	93	107	83
	MAY-SEP	69	85	96	100%	106	122	96
Big Goose Ck nr Sheridan								
	MAY-JUL	33	43	49	98%	55	65	50
	MAY-SEP	41	50	57	97%	64	73	59

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<b>Bighorn</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Dinwoody Ck nr Burris								
	MAY-JUL	58	65	70	100%	75	81	70
	MAY-SEP	84	92	97	102%	102	109	95
Bull Lake Ck nr Lenore <sup>2</sup>								
	MAY-JUL	113	128	139	103%	149	165	135
	MAY-SEP	138	156	168	103%	181	199	163
Wind R Ab Bull Lake Ck <sup>2</sup>								
	MAY-JUL	360	425	465	103%	505	570	450
	MAY-SEP	360	430	475	108%	520	590	440
Wind R at Riverton <sup>2</sup>								
	MAY-JUL	370	440	480	103%	525	595	465
	MAY-SEP	415	485	535	101%	585	655	530
Little Wind R nr Riverton								
	MAY-JUL	130	193	235	90%	275	340	260
	MAY-SEP	152	215	260	93%	305	370	280
Little Popo Agie R nr Lander								
	MAY-JUL	24	31	36	90%	41	48	40
	MAY-SEP	30	37	42	91%	47	54	46
Boysen Reservoir Inflow <sup>2</sup>								
	MAY-JUL	405	545	645	95%	745	885	680
	MAY-SEP	435	580	680	94%	780	925	725



	MAY-JUL	18.5	28	34	103%	40	50	33
	MAY-SEP	27	37	44	100%	51	61	44
Mystic Lake Inflow <sup>2</sup>								
	MAY-JUL	45	50	53	93%	56	61	57
	MAY-SEP	57	63	67	91%	71	77	74
Stillwater R nr Absarokee <sup>2</sup>								
	MAY-JUL	290	345	385	93%	425	480	415
	MAY-SEP	340	410	455	89%	500	570	510
Yellowstone R at Livingston								
	MAY-JUL	1220	1400	1510	85%	1630	1810	1780
	MAY-SEP	1430	1640	1780	86%	1920	2130	2060

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<b>Sun-Teton-Marias</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Two Medicine R bl SF nr Browning <sup>2</sup>								
	MAY-JUL	127	156	175	115%	194	225	152
	MAY-SEP	136	165	185	115%	205	235	161
Swift Reservoir Inflow								
	MAY-JUL	36	45	52	124%	59	68	42
	MAY-SEP	43	54	62	124%	70	81	50
Gibson Reservoir Inflow <sup>2</sup>								
	MAY-JUL	325	365	390	116%	415	455	335
	MAY-SEP	355	400	430	115%	460	505	375
Dupuyer Ck nr Valier								
	MAY-JUL	2.1	6	8.6	115%	11.2	15.1	7.5
	MAY-SEP	2.1	6.2	9	120%	11.8	15.9	7.5
Marias R nr Shelby <sup>2</sup>								
	MAY-JUL	189	275	335	118%	395	480	285
	MAY-SEP	187	280	345	119%	410	505	290
Badger Ck nr Browning								
	MAY-JUL	46	62	73	120%	84	100	61
	MAY-SEP	54	72	84	114%	96	114	74
Teton R nr Dutton <sup>2</sup>								
	MAY-JUL	9.6	20	30	120%	41	62	25
	MAY-SEP	10.5	22	33	127%	46	68	26

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<b>Smith-Judith-Musselshell</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Musselshell R at Harlowton <sup>2</sup>								
	MAY-JUL	0.5	8.9	28	56%	47	75	50
	MAY-SEP	0.49	6.6	27	55%	47	77	49
Musselshell R nr Roundup <sup>2</sup>								
	MAY-JUL	0.46	6.9	18.4	40%	55	109	46
	MAY-SEP	0.42	5	13.4	32%	52	109	42
Smith R bl Eagle Ck <sup>2</sup>								
	MAY-JUL	9.9	37	56	70%	75	102	80
	MAY-SEP	12.4	43	63	72%	83	114	87

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<b>Missouri Mainstem</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Missouri R at Fort Benton <sup>2</sup>	MAY-JUL	860	1410	1790	83%	2170	2720	2160
	MAY-SEP	1120	1770	2210	85%	2650	3300	2600
Missouri R at Fort Benton <sup>2</sup>	MAY-JUL	860	1410	1790	83%	2170	2720	2160
	MAY-SEP	1120	1770	2210	85%	2650	3300	2600
Missouri R nr Virgelle <sup>2</sup>	MAY-JUL	1100	1730	2150	85%	2570	3200	2530
	MAY-SEP	1360	2090	2580	87%	3070	3800	2970
Missouri R nr Virgelle <sup>2</sup>	MAY-JUL	1100	1730	2150	85%	2570	3200	2530
	MAY-SEP	1360	2090	2580	87%	3070	3800	2970
Missouri R nr Landusky <sup>2</sup>	MAY-JUL	1110	1810	2280	88%	2750	3450	2590
	MAY-SEP	1380	2200	2760	90%	3320	4140	3070
Missouri R nr Landusky <sup>2</sup>	MAY-JUL	1110	1810	2280	88%	2750	3450	2590
	MAY-SEP	1380	2200	2760	90%	3320	4140	3070
Missouri R bl Fort Peck Dam <sup>2</sup>	MAY-JUL	950	1770	2320	90%	2870	3690	2580
	MAY-SEP	930	1930	2610	92%	3290	4290	2840
Missouri R bl Fort Peck Dam <sup>2</sup>	MAY-JUL	950	1770	2320	90%	2870	3690	2580
	MAY-SEP	930	1930	2610	92%	3290	4290	2840
Lake Sakakawea Inflow <sup>2</sup>	MAY-JUL	3950	5520	6580	84%	7640	9210	7830
	MAY-SEP	4230	6070	7330	83%	8590	10400	8830
Lake Sakakawea Inflow <sup>2</sup>	MAY-JUL	3950	5520	6580	84%	7640	9210	7830
	MAY-SEP	4230	6070	7330	83%	8590	10400	8830

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<b>Helena Valley</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Missouri R at Toston <sup>2</sup>	MAY-JUL	525	880	1120	74%	1360	1710	1520
	MAY-SEP	690	1070	1330	78%	1590	1970	1700

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	MAY-JUL	188	280	345	83%	410	500	415
	MAY-SEP	205	305	375	81%	445	545	465
Boulder R nr Boulder	MAY-JUL	25	42	53	93%	64	81	57
	MAY-SEP	26	45	57	95%	69	88	60

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<b>St. Marys</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
St. Mary R nr Babb <sup>2</sup>	MAY-JUL	315	360	390	108%	420	465	360
	MAY-SEP	360	410	445	109%	480	530	410
Lake Sherburne Inflow <sup>2</sup>	MAY-JUL	77	88	96	107%	104	115	90
	MAY-SEP	90	103	111	106%	119	132	105
St. Mary R at Intl Boundary <sup>2</sup>	MAY-JUL	355	415	460	111%	505	565	415
	MAY-SEP	405	475	525	112%	575	645	470

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