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

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

Flathead	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Flathead R at Columbia Falls ²								
	APR-JUL	4780	5230	5530	114%	5830	6280	4870
	APR-SEP	5110	5610	5950	110%	6290	6790	5400
Flathead Lake Inflow ^{1,2}								
	APR-JUL	5040	5900	6290	111%	6680	7540	5670
	APR-SEP	5300	6290	6740	107%	7190	8180	6310
SF Jocko R nr Arlee								
	APR-JUL	22	29	33	94%	37	44	35
	APR-SEP	26	32	37	95%	42	48	39
Swan R nr Bigfork								
	APR-JUL	400	460	505	96%	550	610	525
	APR-SEP	455	525	575	98%	625	695	585
Hungry Horse Reservoir Inflow ^{1,2}								
	APR-JUL	1410	1690	1820	98%	1950	2230	1850
	APR-SEP	1490	1790	1930	98%	2070	2370	1960
Mill Ck ab Bassoo ck nr Niarada								
	APR-JUL	3	4	4.8	102%	5.7	7.1	4.7
	APR-SEP	3.3	4.4	5.2	106%	6.1	7.5	4.9
MF Flathead R nr West Glacier								
	APR-JUL	1430	1570	1670	114%	1770	1910	1470
	APR-SEP	1540	1690	1800	111%	1910	2060	1620
Sf Flathead R nr Hungry Horse								
	APR-JUL	935	1070	1160	94%	1250	1380	1230
	APR-SEP	995	1130	1230	95%	1330	1470	1290
NF Flathead R nr Columbia Falls								
	APR-JUL	1650	1780	1880	122%	1980	2110	1540
	APR-SEP	1790	1940	2050	121%	2160	2310	1700
Mission Ck nr St. Ignatius								
	APR-JUL	21	24	27	104%	30	33	26
	APR-SEP	23	28	31	100%	34	39	31
South Crow Ck nr Ronan								
	APR-JUL	7.6	9.2	10.3	101%	11.4	13	10.2
	APR-SEP	8.5	10.6	12	104%	13.4	15.5	11.5

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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Bitterroot	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Bitterroot R Nr Darby ²								
	APR-JUL	305	375	425	91%	475	545	465
	APR-SEP	325	405	455	91%	505	585	500
Bitterroot R nr Missoula								
	APR-JUL	750	905	1010	82%	1120	1270	1230
	APR-SEP	825	990	1100	82%	1210	1380	1340
WF Bitterroot R Nr Conner ²								
	APR-JUL	79	104	122	94%	140	165	130
	APR-SEP	87	114	132	96%	150	177	138

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Lower Clark Fork	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Clark Fork R bl Cabinet Gorge Dam ²	APR-JUL	8340	9450	10200	102%	11000	12100	9980
	APR-SEP	8880	10100	11000	101%	11900	13100	10900
Clark Fork R at St. Regis ¹	APR-JUL	1730	2420	2730	82%	3040	3730	3320
	APR-SEP	1950	2700	3040	83%	3380	4130	3670
Clark Fork R ab Missoula	APR-JUL	635	890	1060	86%	1230	1480	1230
	APR-SEP	745	1020	1210	88%	1400	1680	1370
Prospect Ck at Thompson Falls	APR-JUL	74	87	95	100%	103	116	95
	APR-SEP	81	94	103	100%	112	125	103
Clark Fork R nr Plains ^{1,2}	APR-JUL	6950	8480	9180	103%	9880	11400	8890
	APR-SEP	7440	9170	9960	100%	10700	12500	9920
Clark Fork R bl Missoula	APR-JUL	1440	1810	2070	81%	2330	2700	2550
	APR-SEP	1620	2030	2310	83%	2590	3000	2780

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Upper Clark Fork	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Rock Ck nr Clinton	APR-JUL	113	165	200	82%	235	285	245
	APR-SEP	134	191	230	84%	265	325	275
Flint Ck bl Boulder Ck	APR-JUL	21	35	45	85%	54	68	53
	APR-SEP	30	46	57	85%	68	84	67
Nevada Ck nr Helmville	APR-JUL	1.2	4.6	9	63%	13.4	19.8	14.4
	APR-SEP	1	5.4	10	65%	14.6	21	15.5
Blackfoot R nr Bonner	APR-JUL	450	575	660	90%	745	870	735
	APR-SEP	505	645	735	92%	825	965	800
Clark Fk at Goldcreek	APR-JUL	28	90	132	70%	175	235	188
	APR-SEP	39	110	157	73%	205	275	215
MF Rock Ck nr Philipsburg	APR-JUL	31	42	50	88%	57	69	57
	APR-SEP	37	48	56	90%	64	76	62
Clark Fork R ab Milltown	APR-JUL	152	300	405	75%	505	655	540
	APR-SEP	198	365	475	74%	590	755	645
Georgetown Lake Inflow ²	APR-JUL	4.3	8	10.6	83%	13.1	16.9	12.8
	APR-SEP	4.8	9.3	12.4	84%	15.5	20	14.8

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	APR-JUL	1.91	72	123	64%	173	245	191
	APR-SEP	5	81	132	64%	183	260	205
Powder R nr Locate								
	APR-JUL	8.6	89	143	64%	198	280	225
	APR-SEP	11.1	95	151	63%	210	290	240
Powder R nr Locate								
	APR-JUL	8.6	89	143	64%	198	280	225
	APR-SEP	11.1	95	151	63%	210	290	240

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Tongue	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Tongue River Reservoir Inflow ²								
	APR-JUL	75	127	163	74%	199	250	220
	APR-SEP	86	142	180	72%	220	275	250
Little Goose Ck nr Big Horn								
	APR-JUL	14.7	21	26	81%	31	37	32
	APR-SEP	21	28	33	79%	38	45	42
Tongue R nr Dayton ²								
	APR-JUL	48	63	74	84%	85	100	88
	APR-SEP	56	73	85	83%	97	114	102
Big Goose Ck nr Sheridan								
	APR-JUL	23	34	41	79%	48	59	52
	APR-SEP	30	41	48	79%	55	66	61

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Bighorn	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Dinwoody Ck nr Burriss								
	APR-JUL	54	62	67	93%	72	80	72
	APR-SEP	79	87	93	96%	98	107	97
Bull Lake Ck nr Lenore ²								
	APR-JUL	91	112	127	90%	142	163	141
	APR-SEP	111	136	153	91%	170	195	168
Wind R Ab Bull Lake Ck ²								
	APR-JUL	280	370	430	90%	490	580	480
	APR-SEP	280	380	445	95%	510	610	470
Wind R at Riverton ²								
	APR-JUL	280	380	445	90%	510	610	495
	APR-SEP	315	425	500	89%	575	690	560
Little Wind R nr Riverton								
	APR-JUL	87	181	245	88%	310	405	280
	APR-SEP	99	198	265	88%	330	430	300
Little Popo Agie R nr Lander								
	APR-JUL	19.5	30	37	88%	44	55	42
	APR-SEP	25	36	43	90%	50	61	48
Boysen Reservoir Inflow ²								
	APR-JUL	220	425	565	77%	705	915	730
	APR-SEP	220	440	590	75%	735	955	785

	APR-JUL	9.9	21	28	78%	35	46	36
	APR-SEP	16.7	29	37	79%	45	57	47
Mystic Lake Inflow ²								
	APR-JUL	40	45	49	84%	53	58	58
	APR-SEP	50	57	62	83%	67	74	75
Stillwater R nr Absarokee ²								
	APR-JUL	250	320	370	85%	420	490	435
	APR-SEP	290	370	430	81%	490	570	530
Yellowstone R at Livingston								
	APR-JUL	990	1200	1330	70%	1470	1680	1900
	APR-SEP	1140	1390	1560	71%	1730	1970	2200

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Sun-Teton-Marias	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Two Medicine R bl SF nr Browning ²								
	APR-JUL	142	174	196	103%	220	250	191
	APR-SEP	151	184	205	105%	230	260	195
Swift Reservoir Inflow								
	APR-JUL	32	44	52	104%	60	72	50
	APR-SEP	38	52	61	105%	70	84	58
Gibson Reservoir Inflow ²								
	APR-JUL	305	360	395	105%	430	485	375
	APR-SEP	330	390	430	104%	470	530	415
Dupuyer Ck nr Valier								
	APR-JUL	2.5	7	10	101%	13	17.5	9.9
	APR-SEP	2.5	7.3	10.6	91%	13.9	18.7	11.7
Marias R nr Shelby ²								
	APR-JUL	193	290	355	108%	420	515	330
	APR-SEP	185	290	360	106%	430	535	340
Badger Ck nr Browning								
	APR-JUL	46	65	77	108%	89	108	71
	APR-SEP	50	70	84	104%	98	118	81
Teton R nr Dutton ²								
	APR-JUL	7.6	18.7	29	104%	42	64	28
	APR-SEP	8.5	21	32	110%	46	71	29

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Smith-Judith-Musselshell	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Musselshell R at Harlowton ²								
	APR-JUL	3.9	15.1	26	46%	40	67	56
	APR-SEP	3.4	14	26	46%	41	69	56
Musselshell R nr Roundup ²								
	APR-JUL	-13.4	-1.22	11	18%	45	105	61
	APR-SEP	-16.5	-2.8	5.5	10%	47	94	55
Smith R bl Eagle Ck ²								
	APR-JUL	6.1	36	57	53%	78	108	108
	APR-SEP	6.8	40	62	54%	84	117	114

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Missouri Mainstem	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Missouri R at Fort Benton ²	APR-JUL	815	1380	1760	67%	2150	2710	2620
	APR-SEP	970	1640	2100	69%	2560	3230	3060
Missouri R at Fort Benton ²	APR-JUL	815	1380	1760	67%	2150	2710	2620
	APR-SEP	970	1640	2100	69%	2560	3230	3060
Missouri R nr Virgelle ²	APR-JUL	1050	1680	2110	69%	2530	3160	3060
	APR-SEP	1210	1950	2450	70%	2960	3700	3500
Missouri R nr Virgelle ²	APR-JUL	1050	1680	2110	69%	2530	3160	3060
	APR-SEP	1210	1950	2450	70%	2960	3700	3500
Missouri R nr Landusky ²	APR-JUL	1030	1730	2200	70%	2680	3380	3150
	APR-SEP	1180	2010	2580	71%	3140	3980	3630
Missouri R nr Landusky ²	APR-JUL	1030	1730	2200	70%	2680	3380	3150
	APR-SEP	1180	2010	2580	71%	3140	3980	3630
Missouri R bl Fort Peck Dam ²	APR-JUL	930	1700	2220	73%	2740	3510	3060
	APR-SEP	840	1790	2430	73%	3080	4030	3320
Missouri R bl Fort Peck Dam ²	APR-JUL	930	1700	2220	73%	2740	3510	3060
	APR-SEP	840	1790	2430	73%	3080	4030	3320
Lake Sakakawea Inflow ²	APR-JUL	3020	4710	5860	65%	7010	8700	9080
	APR-SEP	3120	5130	6490	64%	7860	9870	10100
Lake Sakakawea Inflow ²	APR-JUL	3020	4710	5860	65%	7010	8700	9080
	APR-SEP	3120	5130	6490	64%	7860	9870	10100

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Helena Valley	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Missouri R at Toston ²	APR-JUL	495	860	1100	62%	1350	1710	1780
	APR-SEP	580	980	1260	64%	1530	1930	1970

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Gallatin	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Hyalite Reservoir Inflow ²								
	APR-JUL	11.7	14.7	16.7	85%	18.7	22	19.6
	APR-SEP	13.3	16.8	19.1	87%	21	25	22
Gallatin R nr Gallatin Gateway								
	APR-JUL	225	270	305	75%	340	385	405
	APR-SEP	255	315	355	76%	395	455	465
Gallatin R at Logan								
	APR-JUL	151	235	295	69%	355	440	425
	APR-SEP	177	270	335	69%	400	495	485

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Madison	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Ennis Lake Inflow ²								
	APR-JUL	340	410	460	75%	510	580	615
	APR-SEP	435	520	580	77%	640	725	750
Hebgen Lake Inflow ²								
	APR-JUL	173	215	245	70%	275	315	350
	APR-SEP	240	290	325	71%	360	410	455

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Jefferson	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Lima Reservoir Inflow ²								
	APR-JUL	10.9	28	39	62%	50	67	63
	APR-SEP	19.7	38	50	68%	62	80	73
Jefferson R nr Three Forks ²								
	APR-JUL	15.8	215	355	49%	490	690	720
	APR-SEP	8.7	225	375	53%	520	740	705
Beaverhead R at Barretts ²								
	APR-JUL	0.94	23	46	49%	69	103	94
	APR-SEP	1.08	37	64	59%	90	129	108
Ruby R Reservoir Inflow								
	APR-JUL	27	41	50	71%	59	73	70
	APR-SEP	35	51	62	74%	73	89	84
Willow Ck Reservoir Inflow ²								
	APR-JUL	0.64	6.7	10.9	70%	15.1	21	15.5
Big Hole R at Wisdom								
	APR-JUL	0.89	35	61	69%	87	126	89
	APR-SEP	0.92	36	64	70%	92	133	92
Clark Canyon Inflow ²								
	APR-JUL	0.63	11.3	25	40%	45	74	63
	APR-SEP	0.7	13.7	36	51%	58	91	70
Jefferson R nr Twin Bridges ²								
	APR-JUL	4.1	195	325	49%	455	645	665
	APR-SEP	6.7	210	350	52%	490	690	675
Big Hole R nr Melrose								

	APR-JUL	154	260	335	64%	410	515	525
	APR-SEP	174	290	370	65%	450	565	570
Boulder R nr Boulder	APR-JUL	21	39	51	77%	62	80	66
	APR-SEP	22	41	55	80%	68	87	69

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St. Marys	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
St. Mary R nr Babb ²	APR-JUL	335	375	405	105%	435	475	385
	APR-SEP	375	425	460	103%	495	545	445
Lake Sherburne Inflow ²	APR-JUL	85	96	104	105%	112	123	99
	APR-SEP	95	108	117	101%	126	139	116
St. Mary R at Intl Boundary ²	APR-JUL	370	430	475	106%	520	580	450
	APR-SEP	420	490	540	106%	590	660	510

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