

Report Created:
6/7/2022 7:43:30 AM

Streamflow Forecast Summary: June 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								
	JUN-JUL	2760	3200	3510	155%	3810	4250	2270
	JUN-SEP	3150	3640	3980	147%	4320	4810	2710
Flathead Lake Inflow ^{1,2}								
	JUN-JUL	2910	3660	4000	145%	4340	5080	2750
	JUN-SEP	3270	4120	4510	140%	4900	5760	3210
SF Jocko R nr Arlee								
	JUN-JUL	17.9	22	24	125%	26	30	19.2
	JUN-SEP	22	26	28	122%	31	35	23
Swan R nr Bigfork								
	JUN-JUL	275	310	330	120%	350	385	275
	JUN-SEP	345	380	405	117%	435	470	345
Hungry Horse Reservoir Inflow ^{1,2}								
	JUN-JUL	765	1000	1100	133%	1210	1440	830
	JUN-SEP	845	1110	1230	134%	1340	1610	915
Mill Ck ab Bassoo ck nr Niarada								
	JUN-JUL	0.9	1.26	1.55	148%	1.86	2.4	1.05
	JUN-SEP	1.22	1.63	1.94	141%	2.3	2.8	1.38
MF Flathead R nr West Glacier								
	JUN-JUL	815	975	1080	150%	1190	1350	720
	JUN-SEP	925	1100	1220	148%	1350	1520	825
Sf Flathead R nr Hungry Horse								
	JUN-JUL	555	675	750	138%	830	950	545
	JUN-SEP	620	745	830	137%	915	1040	605
NF Flathead R nr Columbia Falls								
	JUN-JUL	990	1130	1230	166%	1330	1470	740
	JUN-SEP	1150	1310	1420	161%	1530	1690	880
Mission Ck nr St. Ignatius								
	JUN-JUL	15.5	18.2	20	110%	22	25	18.1
	JUN-SEP	19.3	23	25	109%	27	31	23
South Crow Ck nr Ronan								
	JUN-JUL	4.7	6.1	7.1	100%	8.1	9.5	7.1
	JUN-SEP	5.7	7.4	8.6	101%	9.7	11.4	8.5

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								
	JUN-JUL	181	230	260	121%	290	340	215
	JUN-SEP	205	255	290	118%	325	375	245
Bitterroot R nr Missoula								
	JUN-JUL	440	570	660	106%	750	880	620
	JUN-SEP	525	665	765	108%	860	1000	710
WF Bitterroot R Nr Conner ²								
	JUN-JUL	45	59	68	124%	78	92	55
	JUN-SEP	54	69	79	123%	89	104	64

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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	JUN-JUL	4840	5760	6390	133%	7020	7940	4790
	JUN-SEP	5600	6640	7350	128%	8050	9100	5750
Clark Fork R at St. Regis ¹	JUN-JUL	925	1450	1690	105%	1940	2460	1610
	JUN-SEP	1200	1780	2040	105%	2310	2890	1950
Clark Fork R ab Missoula	JUN-JUL	380	550	670	103%	790	960	650
	JUN-SEP	515	710	840	104%	970	1170	805
Prospect Ck at Thompson Falls	JUN-JUL	24	32	37	128%	42	50	29
	JUN-SEP	31	39	45	125%	51	59	36
Clark Fork R nr Plains ^{1,2}	JUN-JUL	3990	5260	5840	134%	6420	7700	4360
	JUN-SEP	4660	6080	6730	126%	7380	8800	5360
Clark Fork R bl Missoula	JUN-JUL	840	1130	1330	105%	1530	1820	1270
	JUN-SEP	1060	1390	1600	104%	1820	2150	1540

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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	JUN-JUL	71	102	123	99%	144	175	124
	JUN-SEP	97	131	155	99%	179	215	157
Flint Ck bl Boulder Ck	JUN-JUL	14.9	24	31	107%	37	46	29
	JUN-SEP	25	36	44	100%	51	63	44
Nevada Ck nr Helmville	JUN-JUL	0.64	3	5.5	106%	8	11.7	5.2
	JUN-SEP	0.8	4.2	6.9	100%	9.6	13.6	6.9
Blackfoot R nr Bonner	JUN-JUL	196	295	360	107%	425	525	335
	JUN-SEP	270	380	450	108%	520	630	415
Clark Fk at Goldcreek	JUN-JUL	35	78	107		136	179	
	JUN-SEP	52	103	138		173	225	
MF Rock Ck nr Philipsburg	JUN-JUL	27	34	38	115%	43	49	33
	JUN-SEP	33	40	46	118%	51	58	39
Clark Fork R ab Milltown	JUN-JUL	126	220	280	106%	345	435	265
	JUN-SEP	182	290	365	101%	435	545	360
Georgetown Lake Inflow ²	JUN-JUL	3.9	6.4	8	129%	9.7	12.2	6.2
	JUN-SEP	5.4	8.5	10.6	128%	12.7	15.8	8.3

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	JUN-JUL	38	80	109	124%	138	180	88
	JUN-SEP	49	94	125	118%	155	200	106
Powder R nr Locate	JUN-JUL	37	88	123	124%	158	210	99
	JUN-SEP	45	102	141	117%	179	235	121
Powder R nr Locate	JUN-JUL	37	88	123	124%	158	210	99
	JUN-SEP	45	102	141	117%	179	235	121

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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								
	JUN-JUL	115	142	160	130%	179	205	123
	JUN-SEP	134	167	188	131%	210	245	144
Little Goose Ck nr Big Horn								
	JUN-JUL	21	24	26	134%	28	31	19.4
	JUN-SEP	29	32	35	121%	38	41	29
Tongue R nr Dayton ²								
	JUN-JUL	52	60	65	135%	70	78	48
	JUN-SEP	63	73	79	127%	85	95	62
Big Goose Ck nr Sheridan								
	JUN-JUL	31	38	42	131%	46	53	32
	JUN-SEP	40	47	51	124%	55	62	41

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Bighorn	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Dinwoody Ck nr Burris								
	JUN-JUL	51	57	61	105%	65	71	58
	JUN-SEP	76	83	88	105%	93	100	84
Bull Lake Ck nr Lenore ²								
	JUN-JUL	104	116	124	120%	132	144	103
	JUN-SEP	129	145	156	120%	167	183	130
Wind R Ab Bull Lake Ck ²								
	JUN-JUL	310	365	400	114%	430	485	350
	JUN-SEP	315	385	430	119%	475	545	360
Wind R at Riverton ²								
	JUN-JUL	290	355	400	108%	440	505	370
	JUN-SEP	335	415	470	112%	525	605	420
Little Wind R nr Riverton								
	JUN-JUL	169	205	230	127%	255	295	181
	JUN-SEP	190	230	260	127%	290	330	205
Little Popo Agie R nr Lander								
	JUN-JUL	26	29	32	114%	35	39	28
	JUN-SEP	31	35	38	115%	41	45	33
Boysen Reservoir Inflow ²								
	JUN-JUL	380	475	535	118%	600	690	455
	JUN-SEP	385	500	580	120%	660	775	485

	JUN-JUL	15.3	22	26	118%	30	37	22
	JUN-SEP	23	31	36	113%	41	49	32
Mystic Lake Inflow ²								
	JUN-JUL	46	50	53	110%	56	60	48
	JUN-SEP	60	66	70	108%	74	80	65
Stillwater R nr Absarokee ²								
	JUN-JUL	300	350	380	113%	410	460	335
	JUN-SEP	355	420	460	110%	500	565	420
Yellowstone R at Livingston								
	JUN-JUL	1160	1310	1410	110%	1520	1670	1280
	JUN-SEP	1460	1650	1780	113%	1910	2110	1580

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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								
	JUN-JUL	51	75	92	121%	108	133	76
	JUN-SEP	59	85	102	117%	120	145	87
Swift Reservoir Inflow								
	JUN-JUL	18.4	26	30	115%	35	42	26
	JUN-SEP	24	33	40	121%	46	55	33
Gibson Reservoir Inflow ²								
	JUN-JUL	169	205	230	131%	255	290	176
	JUN-SEP	199	240	270	120%	300	345	225
Dupuyer Ck nr Valier								
	JUN-JUL	0.91	3.2	4.7	107%	6.2	8.5	4.4
	JUN-SEP	1.37	3.8	5.4	104%	7	9.4	5.2
Marias R nr Shelby ²								
	JUN-JUL	56	119	162	106%	205	265	153
	JUN-SEP	33	106	155	115%	205	275	135
Badger Ck nr Browning								
	JUN-JUL	20	33	41	114%	50	62	36
	JUN-SEP	26	40	50	104%	60	74	48
Teton R nr Dutton ²								
	JUN-JUL	4.5	11.1	17.2	122%	25	38	14.1
	JUN-SEP	5.8	13.7	21	127%	30	46	16.5

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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								
	JUN-JUL	-4.5	13.1	25	93%	37	55	27
	JUN-SEP	-9	11.9	26	96%	40	61	27
Musselshell R nr Roundup ²								
	JUN-JUL	-28	6.5	30	100%	54	89	30
	JUN-SEP	-36	3.9	31	124%	58	98	25
Smith R bl Eagle Ck ²								
	JUN-JUL	5.8	30	47	104%	64	88	45
	JUN-SEP	10.2	37	55	106%	73	100	52

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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	JUN-JUL	1160	1460	1660	126%	1860	2160	1320
	JUN-SEP	1550	1920	2170	122%	2420	2780	1780
Missouri R at Fort Benton ²	JUN-JUL	1160	1460	1660	126%	1860	2160	1320
	JUN-SEP	1550	1920	2170	122%	2420	2780	1780
Missouri R nr Virgelle ²	JUN-JUL	1300	1640	1870	115%	2090	2430	1630
	JUN-SEP	1690	2110	2390	114%	2670	3080	2090
Missouri R nr Virgelle ²	JUN-JUL	1300	1640	1870	115%	2090	2430	1630
	JUN-SEP	1690	2110	2390	114%	2670	3080	2090
Missouri R nr Landusky ²	JUN-JUL	1410	1770	2030	120%	2280	2650	1690
	JUN-SEP	1830	2280	2590	116%	2900	3350	2230
Missouri R nr Landusky ²	JUN-JUL	1410	1770	2030	120%	2280	2650	1690
	JUN-SEP	1830	2280	2590	116%	2900	3350	2230
Missouri R bl Fort Peck Dam ²	JUN-JUL	1250	1710	2020	123%	2340	2790	1640
	JUN-SEP	1320	1960	2400	123%	2840	3480	1950
Missouri R bl Fort Peck Dam ²	JUN-JUL	1250	1710	2020	123%	2340	2790	1640
	JUN-SEP	1320	1960	2400	123%	2840	3480	1950
Lake Sakakawea Inflow ²	JUN-JUL	4520	5630	6390	115%	7140	8250	5560
	JUN-SEP	5040	6530	7550	117%	8570	10100	6450
Lake Sakakawea Inflow ²	JUN-JUL	4520	5630	6390	115%	7140	8250	5560
	JUN-SEP	5040	6530	7550	117%	8570	10100	6450

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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	JUN-JUL	735	945	1090	117%	1230	1440	935
	JUN-SEP	920	1180	1360	120%	1530	1790	1130

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	JUN-JUL	215	280	325	135%	370	435	240
	JUN-SEP	250	320	370	123%	420	495	300
Boulder R nr Boulder	JUN-JUL	10.8	20	27	96%	33	42	28
	JUN-SEP	12.3	23	31	103%	38	49	30

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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	JUN-JUL	240	280	305	133%	335	375	230
	JUN-SEP	290	335	370	132%	400	445	280
Lake Sherburne Inflow ²	JUN-JUL	55	65	72	138%	79	89	52
	JUN-SEP	67	79	87	132%	95	107	66
St. Mary R at Intl Boundary ²	JUN-JUL	265	325	365	140%	405	460	260
	JUN-SEP	325	390	435	132%	480	545	330

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