

Report Created:  
4/7/2020 3:17:07 PM

**Streamflow Forecast Summary: April 1, 2020**  
**(averages based on 1981-2010 reference period)**

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

<b>KOOTENAI RIVER BASIN in MONTANA</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tobacco R nr Eureka	APR-JUL	89	111	126	100%	140	162	126
	APR-SEP	98	122	138	99%	155	179	140
Libby Reservoir Inflow <sup>1</sup>	APR-JUL	4660	5430	5770	108%	6120	6890	5340
	APR-SEP	5500	6320	6700	107%	7070	7890	6250
Fisher R nr Libby								
Yaak R nr Troy	APR-JUL	300	360	405	96%	450	510	420
	APR-SEP	310	380	425	97%	470	535	440
Kootenai R at Leonia <sup>1,2</sup>	APR-JUL	5700	6580	6990	106%	7390	8270	6600
	APR-SEP	6640	7570	8000	105%	8420	9350	7590

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<b>FLATHEAD RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
NF Flathead R nr Columbia Falls	APR-JUL	1380	1520	1620	105%	1720	1870	1540
	APR-SEP	1520	1680	1780	105%	1890	2050	1700
MF Flathead R nr West Glacier	APR-JUL	1490	1620	1720	115%	1810	1950	1500
	APR-SEP	1610	1750	1850	113%	1960	2100	1630
Sf Flathead R nr Hungry Horse	APR-JUL	1110	1240	1330	110%	1420	1550	1210
	APR-SEP	1180	1320	1410	109%	1510	1640	1290
Hungry Horse Reservoir Inflow <sup>1,2</sup>	APR-JUL	1710	2000	2130	115%	2270	2560	1860
	APR-SEP	1810	2120	2260	114%	2400	2710	1980
Flathead R at Columbia Falls <sup>2</sup>	APR-JUL	4810	5260	5570	111%	5880	6330	5020
	APR-SEP	5180	5670	6010	110%	6350	6840	5450
Ashley Ck nr Marion <sup>2</sup>								
Swan R nr Bigfork	APR-JUL	445	505	545	105%	585	645	520
	APR-SEP	500	570	620	104%	665	735	595
Flathead Lake Inflow <sup>1,2</sup>	APR-JUL	5170	6020	6410	110%	6800	7650	5810
	APR-SEP	5470	6450	6890	110%	7330	8310	6270
Mill Ck ab Bassoo ck nr Niarada	APR-JUL	1.59	2.3	2.9	73%	3.5	4.5	4
	APR-SEP	1.82	2.6	3.2	73%	3.8	4.9	4.4
South Crow Ck nr Ronan	APR-JUL	7.3	8.9	10	99%	11.1	12.7	10.1
	APR-SEP	8.1	10	11.3	97%	12.6	14.6	11.6
Mission Ck nr St. Ignatius	APR-JUL	20	24	26	104%	28	31	25
	APR-SEP	23	28	31	103%	33	38	30
SF Jocko R nr Arlee	APR-JUL	26	32	35	106%	39	45	33
	APR-SEP	29	35	39	105%	43	49	37

NF Jocko R bl Tabor Feeder Canal

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast
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<b>UPPER CLARK FORK RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Blackfoot nr Garrison								
Flint Ck nr Southern Cross								
	APR-JUL	5.7	9.4	11.9	96%	14.4	18.1	12.4
	APR-SEP	6.3	10.8	13.9	95%	17	21	14.6
Flint Ck bl Boulder Ck								
	APR-JUL	25	39	48	92%	57	71	52
	APR-SEP	33	49	60	91%	71	87	66
Lower Willow Ck Reservoir Inflow <sup>2</sup>								
	APR-JUL	3	6.1	8.2	78%	10.3	13.4	10.5
	APR-SEP	3.6	6.8	9	80%	11.2	14.4	11.3
MF Rock Ck nr Philipsburg								
	APR-JUL	37	47	53	91%	59	69	58
	APR-SEP	43	53	60	92%	67	77	65
Rock Ck nr Clinton								
	APR-JUL	142	189	220	88%	250	300	250
	APR-SEP	166	215	250	89%	285	335	280
Clark Fork R ab Milltown								
	APR-JUL	250	380	470	89%	560	690	530
	APR-SEP	300	445	545	89%	645	790	615
Nevada Ck nr Helmville								
	APR-JUL	5.8	11.5	15.3	108%	19.1	25	14.2
	APR-SEP	6.6	12.6	16.7	107%	21	27	15.6
Blackfoot R nr Bonner								
	APR-JUL	555	685	770	107%	855	985	720
	APR-SEP	620	760	850	106%	940	1080	800
Clark Fork R ab Missoula								
	APR-JUL	820	1070	1240	99%	1410	1660	1250
	APR-SEP	935	1210	1390	98%	1570	1840	1420

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<b>BITTERROOT RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
WF Bitterroot R Nr Conner <sup>2</sup>								
	APR-JUL	93	116	132	103%	147	170	128
	APR-SEP	103	127	143	103%	159	183	139
Bitterroot R Nr Darby								
	APR-JUL	345	410	455	103%	500	565	440
	APR-SEP	370	440	485	102%	530	600	475
Como Reservoir Inflow <sup>2</sup>								
	APR-JUL	68	75	79	104%	83	90	76
	APR-SEP	70	77	82	104%	87	94	79
Bitterroot R nr Missoula								
	APR-JUL	885	1010	1100	96%	1190	1320	1150
	APR-SEP	965	1110	1200	96%	1290	1430	1250

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<b>LOWER CLARK FORK RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Clark Fork R bl Missoula	APR-JUL	1750	2100	2340	98%	2580	2930	2400
	APR-SEP	1940	2330	2590	97%	2850	3240	2670
Clark Fork R at St. Regis <sup>1</sup>	APR-JUL	2130	2780	3080	97%	3380	4030	3160
	APR-SEP	2370	3080	3400	97%	3720	4430	3510
Clark Fork R nr Plains <sup>1,2</sup>	APR-JUL	7600	9070	9740	106%	10400	11900	9200
	APR-SEP	8170	9830	10600	105%	11300	13000	10100
Thompson nr Thompson Falls								
Prospect Ck at Thompson Falls	APR-JUL	65	77	85	83%	94	106	102
	APR-SEP	85	97	105	95%	113	125	110
Clark Fork R at Whitehorse Rapids <sup>1,2</sup>								

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<b>JEFFERSON RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lima Reservoir Inflow <sup>2</sup>	APR-JUL	48	63	74	99%	85	100	75
	APR-SEP	52	68	80	100%	92	108	80
Clark Canyon Inflow <sup>2</sup>	APR-JUL	50	78	97	96%	116	144	101
	APR-SEP	57	90	112	93%	134	167	120
Beaverhead R at Barretts <sup>2</sup>	APR-JUL	69	102	124	96%	146	179	129
	APR-SEP	78	115	140	90%	165	200	156
Ruby R Reservoir Inflow <sup>2</sup>	APR-JUL	67	80	89	116%	98	111	77
	APR-SEP	79	94	104	114%	114	129	91
Big Hole R at Wisdom	APR-JUL	36	77	104	102%	131	172	102
	APR-SEP	36	80	109	101%	138	182	108
Big Hole R nr Melrose	APR-JUL	360	465	535	104%	605	710	515
	APR-SEP	385	500	575	103%	650	765	560
Jefferson R nr Twin Bridges <sup>2</sup>	APR-JUL	370	560	690	100%	820	1010	690
	APR-SEP	385	590	725	99%	865	1070	730
Boulder R nr Boulder	APR-JUL	38	55	67	97%	79	96	69
	APR-SEP	40	59	72	97%	85	104	74
Willow Ck Reservoir Inflow <sup>2</sup>	APR-JUL	6.1	12	16	95%	20	26	16.8
Jefferson R nr Three Forks <sup>2</sup>	APR-JUL	445	630	760	103%	885	1070	740
	APR-SEP	445	660	805	101%	950	1160	800

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<b>MADISON RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Hebgen Reservoir Inflow <sup>2</sup>	APR-JUL	295	335	360	97%	390	430	370
	APR-SEP	365	415	450	96%	485	535	470
Ennis Reservoir Inflow <sup>2</sup>	APR-JUL	490	565	620	99%	675	750	625
	APR-SEP	610	700	765	99%	830	920	775

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<b>GALLATIN RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gallatin R nr Gateway	APR-JUL	385	435	470	118%	505	555	400
	APR-SEP	445	500	540	115%	580	635	470
Hyalite Reservoir Inflow <sup>2</sup>	APR-JUL	22	24	25	125%	26	28	20
	APR-SEP	26	28	29	126%	30	32	23
Gallatin R at Logan	APR-JUL	370	460	525	119%	590	680	440
	APR-SEP	410	520	590	117%	660	770	505

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<b>SMITH-JUDITH-MUSSEL SHELL</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Sheep Ck nr White Sulphur Springs	APR-JUL	12.1	15.3	17.5	113%	19.7	23	15.5
	APR-SEP	13.4	17.3	20	109%	23	27	18.4
Smith R bl Eagle Ck <sup>2</sup>	APR-JUL	57	88	109	103%	130	161	106
	APR-SEP	56	93	119	103%	145	182	116
NF Musselshell R nr Delpine	APR-JUL	15.8	32	43	123%	54	70	35
	APR-SEP	15.4	33	45	118%	57	75	38
Musselshell R at Harlowton <sup>2</sup>	APR-JUL	39	60	74	130%	88	109	57
	APR-SEP	37	61	77	131%	93	117	59
Musselshell R nr Roundup <sup>2</sup>	APR-JUL	0.67	51	93	139%	135	198	67
	APR-SEP	0.66	52	94	142%	136	198	66

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<b>SUN-TETON-MARIAS</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gibson Reservoir Inflow	APR-JUL	330	375	410	104%	445	490	395
	APR-SEP	360	415	450	102%	485	540	440
Two Medicine R nr Browning <sup>2</sup>	APR-JUL	161	183	199	109%	215	235	183
	APR-SEP	169	193	210	108%	225	250	194
Badger Ck nr Browning	APR-JUL	66	81	91	103%	101	116	88
	APR-SEP	76	93	105	102%	117	134	103
Swift Reservoir Inflow <sup>2</sup>	APR-JUL	41	52	60	105%	68	79	57
	APR-SEP	48	61	70	104%	79	92	67
Dupuyer Ck nr Valier	APR-JUL	4.8	8.2	10.5	95%	12.8	16.2	11.1
	APR-SEP	5.6	9.4	11.9	94%	14.4	18.2	12.7
Cut Bank Ck nr Browning	APR-JUL	56	67	75	109%	83	94	69
	APR-SEP	60	73	81	108%	89	102	75
Marias R nr Shelby <sup>2</sup>	APR-JUL	265	345	395	110%	445	525	360
	APR-SEP	270	355	410	109%	465	550	375
Teton R nr Dutton	APR-JUL	0.43	26	44	105%	62	88	42
	APR-SEP	1.76	30	49	102%	68	96	48

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<b>ST. MARY &amp; MILK BASINS</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lake Sherburne Inflow	APR-JUL	90	101	108	111%	115	126	97
	APR-SEP	103	115	124	111%	132	144	112
St. Mary R nr Babb <sup>2</sup>	APR-JUL	350	390	415	112%	445	485	370
	APR-SEP	400	445	480	113%	510	555	425
St. Mary R at Intl Boundary <sup>2</sup>	APR-JUL	400	455	495	114%	535	590	435
	APR-SEP	460	525	565	112%	610	675	505
Milk R at Western Crossing of Intl Bndry, AB								
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<b>MISSOURI MAINSTEM BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Missouri R at Toston <sup>2</sup>	APR-JUL	1390	1710	1930	108%	2140	2460	1790
	APR-SEP	1540	1930	2190	106%	2450	2830	2070

Dearborn R nr Craig

Missouri R at Fort Benton<sup>2</sup>

APR-JUL	1890	2440	2810	108%	3180	3720	2610
APR-SEP	2190	2840	3290	106%	3730	4380	3110

Missouri R nr Virgelle<sup>2</sup>

APR-JUL	2220	2820	3220	107%	3630	4230	3000
APR-SEP	2520	3230	3720	106%	4200	4920	3520

Missouri R nr Landusky<sup>2</sup>

APR-JUL	2360	3000	3440	109%	3880	4530	3160
APR-SEP	2690	3460	3980	107%	4500	5270	3720

Missouri R bl Fort Peck Dam<sup>2</sup>

APR-JUL	2480	3180	3650	113%	4130	4830	3240
APR-SEP	2650	3540	4150	112%	4750	5650	3700

Lake Sakakawea Inflow<sup>2</sup>

APR-JUL	6170	7910	9100	110%	10300	12000	8310
APR-SEP	6630	8770	10200	109%	11700	13800	9400

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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	540	605	650	113%	695	760	575
	APR-SEP	705	795	855	111%	915	1010	770
Yellowstone R at Corwin Springs	APR-JUL	1510	1670	1790	113%	1900	2070	1590
	APR-SEP	1780	1980	2110	112%	2240	2440	1880
Yellowstone R at Livingston	APR-JUL	1690	1900	2050	114%	2200	2410	1800
	APR-SEP	1990	2240	2420	113%	2590	2840	2140
Shields R nr Livingston	APR-JUL	87	119	141	109%	163	195	129
	APR-SEP	94	129	152	106%	175	210	143
Boulder R at Big Timber	APR-JUL	255	300	330	118%	360	400	280
	APR-SEP	275	320	355	118%	390	440	300
Mystic Lake Inflow <sup>2</sup>	APR-JUL	54	59	62	105%	66	71	59
	APR-SEP	69	75	79	107%	84	90	74
Stillwater R nr Absarokee <sup>2</sup>	APR-JUL	375	440	485	109%	530	595	445
	APR-SEP	440	515	570	110%	620	700	520
Clarks Fk Yellowstone R nr Belfry	APR-JUL	485	540	580	114%	615	670	510
	APR-SEP	520	585	625	114%	670	735	550
Cooney Reservoir Inflow	APR-JUL	23	35	43	113%	50	62	38
	APR-SEP	31	44	53	110%	61	74	48
Yellowstone R at Billings	APR-JUL	2900	3400	3740	116%	4090	4590	3230
	APR-SEP	3290	3890	4290	115%	4700	5300	3730

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<b>LOWER YELLOWSTONE RIVER BASIN (Wyoming)</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Bighorn R nr St. Xavier <sup>2</sup>	APR-JUL	805	1190	1440	104%	1700	2080	1380
	APR-SEP	815	1230	1520	104%	1800	2220	1460
Little Bighorn R nr Hardin	APR-JUL	47	77	98	100%	118	148	98
	APR-SEP	54	87	110	99%	133	166	111
Tongue R nr Dayton <sup>2</sup>	APR-JUL	58	75	86	100%	97	113	86
	APR-SEP	68	86	98	100%	110	128	98
Big Goose Ck nr Sheridan	APR-JUL	24	36	43	93%	51	63	46
	APR-SEP	31	43	51	94%	60	71	54
Little Goose Ck nr Bighorn	APR-JUL	16.9	24	29	94%	34	41	31
	APR-SEP	24	32	37	95%	42	50	39
Tongue River Reservoir Inflow <sup>2</sup>	APR-JUL	87	146	187	97%	225	285	193
	APR-SEP	103	166	210	98%	250	315	215
Yellowstone R at Miles City <sup>2</sup>	APR-JUL	3890	4780	5380	113%	5990	6880	4780
	APR-SEP	4330	5390	6110	112%	6830	7900	5450
Powder R at Moorehead	APR-JUL	68	153	210	119%	265	350	177
	APR-SEP	87	172	230	117%	290	375	196
Powder R nr Locate	APR-JUL	75	167	230	116%	295	385	199
	APR-SEP	87	184	250	114%	315	415	220
Yellowstone R nr Sidney <sup>2</sup>	APR-JUL	3790	4810	5500	114%	6200	7220	4830
	APR-SEP	4120	5340	6170	114%	7000	8220	5430

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