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**Streamflow Forecast Summary: June 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	JUN-JUL	37	50	59	102%	68	81	58
	JUN-SEP	45	61	72	101%	83	99	71
Libby Reservoir Inflow <sup>1</sup>	JUN-JUL	1740	2510	2860	88%	3220	3990	3240
	JUN-SEP	2410	3300	3710	89%	4110	5000	4150
Fisher R nr Libby								
Yaak R nr Troy	JUN-JUL	45	79	103	79%	127	161	130
	JUN-SEP	57	95	120	80%	146	184	150
Kootenai R at Leonia <sup>1,2</sup>	JUN-JUL	1920	2800	3200	88%	3600	4490	3640
	JUN-SEP	2690	3680	4130	89%	4580	5570	4640

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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	JUN-JUL	625	755	845	109%	935	1070	775
	JUN-SEP	760	905	1010	108%	1110	1250	935
MF Flathead R nr West Glacier	JUN-JUL	630	785	890	118%	990	1150	755
	JUN-SEP	735	905	1020	115%	1140	1310	890
Sf Flathead R nr Hungry Horse	JUN-JUL	470	595	675	116%	760	885	580
	JUN-SEP	530	660	750	115%	840	975	655
Hungry Horse Reservoir Inflow <sup>1,2</sup>	JUN-JUL	645	890	1000	116%	1110	1360	860
	JUN-SEP	715	990	1110	113%	1240	1510	980
Flathead R at Columbia Falls <sup>2</sup>	JUN-JUL	1690	2350	2790	113%	3230	3890	2460
	JUN-SEP	1980	2720	3220	111%	3720	4460	2890
Ashley Ck nr Marion <sup>2</sup>								
Swan R nr Bigfork	JUN-JUL	260	295	315	113%	340	370	280
	JUN-SEP	325	365	390	110%	420	455	355
Flathead Lake Inflow <sup>1,2</sup>	JUN-JUL	1770	2800	3270	114%	3740	4770	2860
	JUN-SEP	2020	3210	3740	113%	4280	5460	3320
Mill Ck ab Bassoo ck nr Niarada	JUN-JUL	0.54	0.82	1.05	84%	1.3	1.73	1.25
	JUN-SEP	0.77	1.1	1.35	85%	1.63	2.1	1.58
South Crow Ck nr Ronan	JUN-JUL	4.6	6	6.9	106%	7.9	9.2	6.5
	JUN-SEP	5.5	7.2	8.4	106%	9.5	11.2	7.9
Mission Ck nr St. Ignatius	JUN-JUL	15.1	17.5	19.2	108%	21	23	17.7
	JUN-SEP	18.5	22	24	109%	26	30	22
SF Jocko R nr Arlee	JUN-JUL	15.3	19	22	129%	24	28	17.1
	JUN-SEP	18.8	23	26	124%	29	33	21

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								
	JUN-JUL	2.1	4.4	6	88%	7.6	9.9	6.8
	JUN-SEP	3.1	6	8	89%	10	12.9	9
Flint Ck bl Boulder Ck								
	JUN-JUL	18	26	32	103%	38	46	31
	JUN-SEP	27	37	44	100%	51	61	44
Lower Willow Ck Reservoir Inflow <sup>2</sup>								
	JUN-JUL	0.6	2.2	3.3	97%	4.4	6	3.4
	JUN-SEP	1.46	3	4	98%	5	6.5	4.1
MF Rock Ck nr Philipsburg								
	JUN-JUL	19.5	25	29	85%	33	38	34
	JUN-SEP	24	30	35	85%	39	46	41
Rock Ck nr Clinton								
	JUN-JUL	53	78	95	73%	113	138	131
	JUN-SEP	76	104	124	76%	143	172	164
Clark Fork R ab Milltown								
	JUN-JUL	83	157	205	76%	255	330	270
	JUN-SEP	119	205	265	75%	325	410	355
Nevada Ck nr Helmville								
	JUN-JUL	1.22	4	6.6	114%	9.2	13	5.8
	JUN-SEP	1.92	5.2	8	111%	10.8	14.9	7.2
Blackfoot R nr Bonner								
	JUN-JUL	199	300	370	114%	435	535	325
	JUN-SEP	265	375	450	111%	525	630	405
Clark Fork R ab Missoula								
	JUN-JUL	300	465	575	97%	685	850	595
	JUN-SEP	405	590	715	93%	840	1020	765

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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>								
	JUN-JUL	30	44	53	95%	62	76	56
	JUN-SEP	41	56	66	99%	76	91	67
Bitterroot R Nr Darby								
	JUN-JUL	109	151	179	87%	205	250	205
	JUN-SEP	133	178	210	88%	240	285	240
Como Reservoir Inflow <sup>2</sup>								
	JUN-JUL	25	31	35	92%	39	45	38
	JUN-SEP	27	34	38	90%	42	48	42
Bitterroot R nr Missoula								
	JUN-JUL	285	405	485	81%	570	685	600
	JUN-SEP	365	495	580	82%	670	800	705

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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	JUN-JUL	590	870	1060	88%	1250	1530	1200
	JUN-SEP	775	1090	1290	88%	1500	1810	1470
Clark Fork R at St. Regis <sup>1</sup>	JUN-JUL	615	1130	1360	89%	1590	2100	1530
	JUN-SEP	835	1400	1660	88%	1920	2480	1880
Clark Fork R nr Plains <sup>1,2</sup>	JUN-JUL	2540	4090	4790	106%	5500	7050	4540
	JUN-SEP	3100	4820	5600	104%	6380	8100	5410
Thompson nr Thompson Falls								
Prospect Ck at Thompson Falls	JUN-JUL	13	17.5	23	66%	28	36	35
	JUN-SEP	19	24	30	70%	36	44	43
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>	JUN-JUL	6.3	13.3	18.1	67%	23	30	27
	JUN-SEP	8.4	17.1	23	70%	29	38	33
Clark Canyon Inflow <sup>2</sup>	JUN-JUL	-21	-2.4	10.2	29%	23	41	35
	JUN-SEP	-17.2	7.9	25	45%	42	67	55
Beaverhead R at Barretts <sup>2</sup>	JUN-JUL	-18.4	2.8	17.2	35%	32	53	49
	JUN-SEP	-8.1	19.4	38	51%	57	84	75
Ruby R Reservoir Inflow <sup>2</sup>	JUN-JUL	21	30	36	88%	42	51	41
	JUN-SEP	32	42	49	88%	56	66	56
Big Hole R at Wisdom	JUN-JUL	0.46	14.2	30	65%	46	69	46
	JUN-SEP	0.52	17.6	35	67%	52	78	52
Big Hole R nr Melrose	JUN-JUL	87	145	184	68%	225	280	270
	JUN-SEP	107	174	220	70%	265	335	315
Jefferson R nr Twin Bridges <sup>2</sup>	JUN-JUL	3.2	90	167	52%	245	355	320
	JUN-SEP	3.6	113	199	56%	285	410	355
Boulder R nr Boulder	JUN-JUL	2.5	13.8	21	66%	29	40	32
	JUN-SEP	2.9	16.4	26	70%	35	48	37
Willow Ck Reservoir Inflow <sup>2</sup>	JUN-JUL	0.1	1.77	4.3	41%	6.8	10.5	10.4
Jefferson R nr Three Forks <sup>2</sup>	JUN-JUL	3.6	103	189	53%	275	400	355
	JUN-SEP	4.2	118	225	54%	330	490	415

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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>	JUN-JUL	108	132	149	84%	165	189	178
	JUN-SEP	181	215	240	86%	265	300	280
Ennis Reservoir Inflow <sup>2</sup>	JUN-JUL	177	220	250	76%	280	325	330
	JUN-SEP	285	345	385	79%	430	490	485

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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	JUN-JUL	195	225	245	96%	265	295	255
	JUN-SEP	250	290	315	98%	340	380	320
Hyalite Reservoir Inflow <sup>2</sup>	JUN-JUL	11.7	13.2	14.2	110%	15.2	16.7	12.9
	JUN-SEP	13.9	15.8	17.1	109%	18.4	20	15.7
Gallatin R at Logan	JUN-JUL	149	205	240	98%	275	330	245
	JUN-SEP	183	255	300	97%	345	415	310

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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	JUN-JUL	6.6	8.8	10.3	127%	11.8	14	8.1
	JUN-SEP	8.4	11.4	13.4	123%	15.4	18.4	10.9
Smith R bl Eagle Ck <sup>2</sup>	JUN-JUL	28	48	62	115%	76	96	54
	JUN-SEP	26	54	72	111%	90	118	65
NF Musselshell R nr Delpine	JUN-JUL	0.33	11.6	19.2	96%	27	38	20
	JUN-SEP	1.88	13.9	22	96%	30	42	23
Musselshell R at Harlowton <sup>2</sup>	JUN-JUL	3.9	17.1	26	93%	35	48	28
	JUN-SEP	0.3	16	27	90%	38	54	30
Musselshell R nr Roundup <sup>2</sup>	JUN-JUL	-15.8	9.5	27	79%	44	69	34
	JUN-SEP	-18.2	7.1	24	71%	41	67	34

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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	JUN-JUL	156	182	200	95%	220	245	210
	JUN-SEP	189	220	240	96%	260	290	250
Two Medicine R nr Browning <sup>2</sup>	JUN-JUL	45	59	69	84%	79	93	82
	JUN-SEP	51	68	79	84%	90	107	94
Badger Ck nr Browning	JUN-JUL	26	35	42	91%	49	58	46
	JUN-SEP	37	48	56	92%	64	75	61
Swift Reservoir Inflow <sup>2</sup>	JUN-JUL	16.7	22	26	87%	30	35	30
	JUN-SEP	23	31	36	88%	41	49	41
Dupuyer Ck nr Valier	JUN-JUL	0.99	2.7	3.8	70%	4.9	6.6	5.4
	JUN-SEP	1.32	3.5	5	72%	6.5	8.7	6.9
Cut Bank Ck nr Browning	JUN-JUL	17.7	27	33	87%	39	49	38
	JUN-SEP	21	31	38	86%	46	56	44
Marias R nr Shelby <sup>2</sup>	JUN-JUL	26	77	111	71%	145	196	156
	JUN-SEP	21	81	122	71%	163	225	172
Teton R nr Dutton	JUN-JUL	1	8.4	21	88%	34	52	24
	JUN-SEP	1	10.9	26	90%	41	63	29

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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	JUN-JUL	45	54	61	109%	67	76	56
	JUN-SEP	58	69	76	107%	83	94	71
St. Mary R nr Babb <sup>2</sup>	JUN-JUL	190	230	255	109%	280	320	235
	JUN-SEP	240	285	315	107%	345	390	295
St. Mary R at Intl Boundary <sup>2</sup>	JUN-JUL	205	260	300	109%	335	390	275
	JUN-SEP	265	325	370	107%	410	475	345
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>	JUN-JUL	355	570	715	76%	860	1070	940
	JUN-SEP	515	800	940	77%	1190	1480	1220

Dearborn R nr Craig

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

JUN-JUL	595	920	1140	81%	1360	1690	1410
JUN-SEP	850	1290	1580	83%	1870	2310	1900

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

JUN-JUL	710	1050	1280	80%	1520	1860	1600
JUN-SEP	950	1420	1740	82%	2060	2520	2120

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

JUN-JUL	750	1120	1370	80%	1620	1990	1710
JUN-SEP	1040	1530	1870	83%	2200	2700	2260

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

JUN-JUL	675	1110	1410	82%	1710	2160	1710
JUN-SEP	780	1410	1840	85%	2260	2890	2170

Lake Sakakawea Inflow<sup>2</sup>

JUN-JUL	2450	3560	4320	85%	5080	6190	5060
JUN-SEP	2800	4300	5320	87%	6340	7850	6150

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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	JUN-JUL	335	405	455	98%	505	575	465
	JUN-SEP	495	580	640	98%	700	785	655
Yellowstone R at Corwin Springs	JUN-JUL	865	985	1070	103%	1150	1280	1040
	JUN-SEP	1110	1260	1360	102%	1460	1610	1330
Yellowstone R at Livingston	JUN-JUL	970	1120	1230	104%	1330	1480	1180
	JUN-SEP	1250	1430	1560	103%	1690	1870	1520
Shields R nr Livingston	JUN-JUL	10.2	33	48	77%	64	87	62
	JUN-SEP	13.6	40	58	76%	76	102	76
Boulder R at Big Timber	JUN-JUL	145	177	199	100%	220	255	200
	JUN-SEP	155	194	220	98%	245	285	225
Mystic Lake Inflow <sup>2</sup>	JUN-JUL	40	44	47	100%	50	54	47
	JUN-SEP	53	59	63	100%	67	73	63
Stillwater R nr Absarokee <sup>2</sup>	JUN-JUL	245	290	320	98%	350	395	325
	JUN-SEP	300	355	395	99%	435	495	400
Clarks Fk Yellowstone R nr Belfry	JUN-JUL	310	360	390	111%	420	465	350
	JUN-SEP	345	395	435	110%	470	525	395
Cooney Reservoir Inflow	JUN-JUL	11	17.5	22	100%	26	33	22
	JUN-SEP	18.8	27	32	103%	37	45	31
Yellowstone R at Billings	JUN-JUL	1600	1950	2190	101%	2430	2790	2170
	JUN-SEP	1920	2370	2680	101%	2990	3450	2660

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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>	JUN-JUL	230	435	550	60%	710	915	920
	JUN-SEP	167	410	555	55%	745	990	1010
Little Bighorn R nr Hardin	JUN-JUL	3.7	20	32	60%	43	60	53
	JUN-SEP	8.1	28	42	64%	55	75	66
Tongue R nr Dayton <sup>2</sup>	JUN-JUL	15.8	25	32	65%	38	47	49
	JUN-SEP	24	35	42	68%	50	61	62
Big Goose Ck nr Sheridan	JUN-JUL	8.7	15.2	19.6	63%	24	30	31
	JUN-SEP	16.1	23	27	69%	32	39	39
Little Goose Ck nr Bighorn	JUN-JUL	7.3	10.1	12	63%	13.9	16.7	19.1
	JUN-SEP	13.2	16.9	19.4	72%	22	26	27
Tongue River Reservoir Inflow <sup>2</sup>	JUN-JUL	11.9	40	59	54%	79	107	110
	JUN-SEP	21	55	78	58%	101	135	134
Yellowstone R at Miles City <sup>2</sup>	JUN-JUL	1790	2390	2780	87%	3210	3810	3200
	JUN-SEP	2070	2850	3380	87%	3910	4690	3870
Powder R at Moorehead	JUN-JUL	15.1	49	73	79%	96	130	92
	JUN-SEP	24	64	91	83%	117	157	110
Powder R nr Locate	JUN-JUL	7.3	52	82	81%	113	157	101
	JUN-SEP	13.5	66	101	83%	137	189	122
Yellowstone R nr Sidney <sup>2</sup>	JUN-JUL	1680	2360	2820	87%	3290	3970	3240
	JUN-SEP	1820	2710	3320	86%	3920	4810	3840

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