

Report Created:  
6/4/2021 5:21:16 PM

**Streamflow Forecast Summary: June 1, 2021**  
**(averages based on 1981-2010 reference period)**

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast
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<b>KOOTENAI RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tobacco R nr Eureka	JUN-JUL	26	39	48	83%	57	71	58
	JUN-SEP	34	49	60	85%	71	87	71
Libby Reservoir Inflow <sup>1</sup>	JUN-JUL	1850	2630	2980	92%	3330	4110	3240
	JUN-SEP	2540	3430	3830	92%	4240	5130	4150
Yaak R nr Troy	JUN-JUL	32	66	90	69%	114	148	130
	JUN-SEP	44	82	107	71%	133	170	150
Kootenai R at Leonia <sup>1,2</sup>	JUN-JUL	2010	2890	3290	90%	3700	4580	3640
	JUN-SEP	2780	3770	4220	91%	4670	5660	4640

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- 3) Median value used in place of average

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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	485	620	710	92%	800	930	775
	JUN-SEP	610	760	860	92%	960	1110	935
MF Flathead R nr West Glacier	JUN-JUL	490	645	745	99%	850	1000	755
	JUN-SEP	585	755	870	98%	990	1160	890
Sf Flathead R nr Hungry Horse	JUN-JUL	350	470	555	96%	640	760	580
	JUN-SEP	400	530	620	95%	710	845	655
Hungry Horse Reservoir Inflow <sup>1,2</sup>	JUN-JUL	470	715	825	96%	935	1180	860
	JUN-SEP	530	805	930	95%	1050	1330	980
Flathead R at Columbia Falls <sup>2</sup>	JUN-JUL	1230	1890	2330	95%	2770	3430	2460
	JUN-SEP	1490	2230	2730	94%	3230	3970	2890
Swan R nr Bigfork	JUN-JUL	215	250	270	96%	290	325	280
	JUN-SEP	270	310	335	94%	360	400	355
Flathead Lake Inflow <sup>1,2</sup>	JUN-JUL	1220	2250	2720	95%	3180	4220	2860
	JUN-SEP	1420	2600	3130	94%	3670	4850	3320
Mill Ck ab Bassoo ck nr Niarada	JUN-JUL	0.63	0.93	1.18	94%	1.44	1.89	1.25
	JUN-SEP	0.9	1.25	1.52	96%	1.82	2.3	1.58
South Crow Ck nr Ronan	JUN-JUL	3.7	5	6	92%	6.9	8.3	6.5
	JUN-SEP	4.4	6.1	7.2	91%	8.4	10.1	7.9
Mission Ck nr St. Ignatius	JUN-JUL	13	15.4	17.1	97%	18.7	21	17.7
	JUN-SEP	15.9	19.2	21	95%	24	27	22
SF Jocko R nr Arlee	JUN-JUL	11.8	15.6	18.1	106%	21	24	17.1
	JUN-SEP	15.1	19.2	22	105%	25	29	21

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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)
Georgetown Lake Inflow								
	JUN-JUL	1.34	3.6	5.2	76%	6.8	9.1	6.8
	JUN-SEP	2.1	5	7	78%	9	11.9	9
Flint Ck bl Boulder Ck								
	JUN-JUL	19.5	28	33	106%	39	47	31
	JUN-SEP	28	39	46	105%	53	63	44
Lower Willow Ck Reservoir Inflow <sup>2</sup>								
	JUN-JUL	0.7	2.3	3.4	100%	4.5	6.1	3.4
	JUN-SEP	1.51	3	4	98%	5.1	6.6	4.1
MF Rock Ck nr Philipsburg								
	JUN-JUL	25	30	34	100%	38	43	34
	JUN-SEP	30	36	40	98%	45	51	41
Rock Ck nr Clinton								
	JUN-JUL	78	103	120	92%	137	162	131
	JUN-SEP	102	131	151	92%	170	199	164
Clark Fork R ab Milltown								
	JUN-JUL	117	190	240	89%	290	360	270
	JUN-SEP	170	260	315	89%	375	465	355
Nevada Ck nr Helmville								
	JUN-JUL	0.78	4.6	7.2	124%	9.7	13.5	5.8
	JUN-SEP	1.72	5.8	8.6	119%	11.4	15.5	7.2
Blackfoot R nr Bonner								
	JUN-JUL	230	330	400	123%	470	570	325
	JUN-SEP	300	410	480	119%	555	665	405
Clark Fork R ab Missoula								
	JUN-JUL	365	530	640	108%	750	915	595
	JUN-SEP	485	670	795	104%	920	1100	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	22	36	45	80%	54	68	56
	JUN-SEP	28	43	53	79%	63	78	67
Bitterroot R Nr Darby								
	JUN-JUL	110	152	180	88%	210	250	205
	JUN-SEP	134	179	210	88%	240	285	240
Como Reservoir Inflow <sup>2</sup>								
	JUN-JUL	29	35	39	103%	43	49	38
	JUN-SEP	31	38	42	100%	46	52	42
Bitterroot R nr Missoula								
	JUN-JUL	320	440	520	87%	600	720	600
	JUN-SEP	400	530	620	88%	710	840	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	690	970	1160	97%	1350	1630	1200
	JUN-SEP	895	1210	1420	97%	1620	1930	1470
Clark Fork R at St. Regis <sup>1</sup>	JUN-JUL	735	1250	1480	97%	1710	2230	1530
	JUN-SEP	995	1560	1820	97%	2080	2640	1880
Clark Fork R nr Plains <sup>1,2</sup>	JUN-JUL	2100	3650	4350	96%	5050	6600	4540
	JUN-SEP	2650	4370	5150	95%	5930	7650	5410
Prospect Ck at Thompson Falls	JUN-JUL	4	11.9	17.3	49%	23	31	35
	JUN-SEP	9.7	18	24	56%	29	38	43

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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	0.27	4.1	8.9	33%	13.7	21	27
	JUN-SEP	0.33	5.3	11.2	34%	17.1	26	33
Clark Canyon Inflow <sup>2</sup>	JUN-JUL	-29	-10.8	1.8	5%	14.4	33	35
	JUN-SEP	-34	-9.3	7.8	14%	25	50	55
Beaverhead R at Barretts <sup>2</sup>	JUN-JUL	-24	-2.7	11.7	24%	26	47	49
	JUN-SEP	-22	5	24	32%	42	70	75
Ruby R Reservoir Inflow <sup>2</sup>	JUN-JUL	8.5	17.1	23	56%	29	38	41
	JUN-SEP	18	28	35	63%	42	52	56
Big Hole R at Wisdom	JUN-JUL	0.46	21	37	80%	53	76	46
	JUN-SEP	0.52	25	42	81%	59	85	52
Big Hole R nr Melrose	JUN-JUL	108	166	205	76%	245	300	270
	JUN-SEP	127	194	240	76%	285	355	315
Jefferson R nr Twin Bridges <sup>2</sup>	JUN-JUL	3.2	95	171	53%	250	360	320
	JUN-SEP	3.6	103	190	54%	275	405	355
Boulder R nr Boulder	JUN-JUL	5.2	16.5	24	75%	32	43	32
	JUN-SEP	5.8	19.4	29	78%	38	51	37
Willow Ck Reservoir Inflow <sup>2</sup>	JUN-JUL	0.1	2.7	5.2	50%	7.7	11.4	10.4
	JUN-SEP	0.1	2.7	5.2	50%	7.7	11.4	10.4
Jefferson R nr Three Forks <sup>2</sup>	JUN-JUL	3.6	107	193	54%	280	405	355
	JUN-SEP	4.2	101	210	51%	315	475	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 Lake Inflow <sup>2</sup>								
	JUN-JUL	104	128	144	81%	160	184	178
	JUN-SEP	176	210	235	84%	260	295	280
Ennis Lake Inflow <sup>2</sup>								
	JUN-JUL	175	220	250	76%	280	325	330
	JUN-SEP	285	345	385	79%	425	485	485

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Chance that actual volume will exceed forecast

<b>GALLATIN RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gallatin R nr Gallatin Gateway								
	JUN-JUL	190	220	240	94%	260	290	255
	JUN-SEP	240	280	305	95%	330	370	320
Hyalite Reservoir Inflow <sup>2</sup>								
	JUN-JUL	10.7	12.1	13.1	102%	14.1	15.6	12.9
	JUN-SEP	12.7	14.6	15.9	101%	17.2	19.1	15.7
Gallatin R at Logan								
	JUN-JUL	137	191	230	94%	265	320	245
	JUN-SEP	174	245	290	94%	340	405	310

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<b>SMITH-JUDITH-MUSSELSHELL</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	3.4	5.6	7.1	88%	8.6	10.8	8.1
	JUN-SEP	4.2	7.2	9.2	84%	11.2	14.2	10.9
Smith R bl Eagle Ck <sup>2</sup>								
	JUN-JUL	12.3	32	46	85%	60	80	54
	JUN-SEP	6.3	34	52	80%	70	98	65
SF Musselshell R ab Martinsdale								
	JUN-JUL	0.2	9.8	17.4	87%	25	36	20
	JUN-SEP	0.23	11.5	19.6	85%	28	40	23
Musselshell R at Harlowton <sup>2</sup>								
	JUN-JUL	0.93	14.1	23	82%	32	45	28
	JUN-SEP	0.3	14	25	83%	36	52	30
Musselshell R nr Roundup <sup>2</sup>								
	JUN-JUL	0.34	8.9	26	76%	43	68	34
	JUN-SEP	0.34	6.8	24	71%	41	66	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	166	192	210	100%	230	255	210
	JUN-SEP	199	230	250	100%	270	300	250
Two Medicine R bl SF nr Browning <sup>2</sup>	JUN-JUL	51	65	75	91%	85	99	82
	JUN-SEP	58	75	86	91%	97	114	94
Badger Ck nr Browning	JUN-JUL	25	34	41	89%	48	57	46
	JUN-SEP	35	46	54	89%	62	73	61
Swift Reservoir Inflow <sup>2</sup>	JUN-JUL	18.7	24	28	93%	32	37	30
	JUN-SEP	25	33	38	93%	43	51	41
Dupuyer Ck nr Valier	JUN-JUL	1.49	3.2	4.3	80%	5.4	7.1	5.4
	JUN-SEP	1.82	4	5.5	80%	7	9.2	6.9
Cut Bank Ck nr Browning	JUN-JUL	19.5	29	35	92%	41	50	38
	JUN-SEP	23	33	40	91%	48	58	44
Marias R nr Shelby <sup>2</sup>	JUN-JUL	46	97	131	84%	165	215	156
	JUN-SEP	42	102	143	83%	184	245	172
Teton R nr Dutton	JUN-JUL	0.24	10.4	23	96%	36	54	24
	JUN-SEP	0.29	12.9	28	97%	43	65	29

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<b>ST. MARY</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lake Sherburne Inflow	JUN-JUL	39	48	54	96%	60	69	56
	JUN-SEP	50	61	69	97%	76	87	71
St. Mary R nr Babb <sup>2</sup>	JUN-JUL	162	200	230	98%	255	295	235
	JUN-SEP	205	255	285	97%	315	360	295
St. Mary R at Intl Boundary <sup>2</sup>	JUN-JUL	173	230	265	96%	300	355	275
	JUN-SEP	230	290	330	96%	375	435	345

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<b>UPPER YELLOWSTONE RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yellowstone R at Yellowstone Lake Outlet	JUN-JUL	245	315	365	78%	415	485	465
	JUN-SEP	365	450	510	78%	570	655	655
Yellowstone R at Corwin Springs	JUN-JUL	680	805	885	85%	970	1090	1040
	JUN-SEP	885	1040	1140	86%	1240	1390	1330



SF Shoshone R nr Valley	JUN-JUL	84	110	127	88%	145	171	145
	JUN-SEP	82	111	131	86%	151	181	153
Shell Ck nr Shell	JUN-JUL	117	135	148	94%	161	179	157
	JUN-SEP	138	161	176	93%	191	215	189
Wind R Ab Bull Lake Ck	JUN-JUL	22	28	32	91%	36	42	35
	JUN-SEP	30	36	41	89%	46	52	46
Wind R at Riverton	JUN-JUL	245	295	330	100%	365	415	330
	JUN-SEP	255	315	360	99%	405	465	365
Boysen Reservoir Inflow	JUN-JUL	250	300	330	94%	360	410	350
	JUN-SEP	295	360	400	93%	440	505	430
	JUN-JUL	220	305	360	85%	415	500	425
	JUN-SEP	230	335	405	84%	475	580	485

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<b>TONGUE RIVER (Wyoming)</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Big Goose Ck nr Sheridan	JUN-JUL	19.1	26	30	97%	34	41	31
	JUN-SEP	26	32	37	95%	42	48	39
Little Goose Ck nr Big Horn	JUN-JUL	14.2	17	18.9	99%	21	24	19.1
	JUN-SEP	19.8	23	26	96%	29	32	27
Tongue River Reservoir Inflow <sup>2</sup>	JUN-JUL	61	90	109	99%	128	156	110
	JUN-SEP	75	109	132	99%	155	189	134
Tongue R nr Dayton <sup>2</sup>	JUN-JUL	33	42	48	98%	55	64	49
	JUN-SEP	42	53	61	98%	68	79	62

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<b>POWDER RIVER (Wyoming)</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
MF Powder R nr Barnum	JUN-JUL	0.34	2.4	3.8	79%	5.2	7.3	4.8
	JUN-SEP	0.96	3.1	4.6	81%	6.1	8.2	5.7
Piney Ck at Kearny	JUN-JUL	17.4	24	29	116%	34	41	25
	JUN-SEP	17.6	26	31	111%	36	44	28
Powder R at Moorhead	JUN-JUL	27	61	84	91%	107	141	92
	JUN-SEP	33	72	99	90%	126	165	110
Powder R nr Locate	JUN-JUL	15.9	61	91	90%	121	166	101
	JUN-SEP	21	74	109	89%	144	197	122

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