

Report Created:
6/12/2024 11:35:06 AM

Streamflow Forecast Summary: June 1, 2024
(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)
NF Flathead R nr Columbia Falls ^{1,2}	JUN-JUL	530	635	705	95%	790	925	740
	JUN-SEP	655	765	850	97%	935	1080	880
Swan R nr Bigfork ^{1,2}	JUN-JUL	215	240	260	95%	275	305	275
	JUN-SEP	280	310	335	97%	365	400	345
Flathead R at Columbia Falls ^{1,2}	JUN-JUL	1620	1870	2070	91%	2290	2590	2270
	JUN-SEP	1920	2200	2380	88%	2610	3000	2710
Flathead Lake Inflow ^{1,2}	JUN-JUL	1350	2100	2440	89%	2780	3530	2750
	JUN-SEP	1450	2310	2700	84%	3090	3950	3210
Mission Ck nr St. Ignatius ^{1,2}	JUN-JUL	10.9	13.6	15.4	85%	17.2	19.9	18.1
	JUN-SEP	13.3	16.8	19.1	83%	21	25	23
MF Flathead R nr West Glacier ^{1,2}	JUN-JUL	460	530	585	81%	645	745	720
	JUN-SEP	540	625	685	83%	755	865	825
SF Jocko R nr Arlee ^{1,2}	JUN-JUL	10.4	12.4	14.4	75%	16.4	19.7	19.2
	JUN-SEP	12.7	15.3	17.7	77%	20	24	23
Hellroaring Creek ab Reservoir nr Polson ^{1,2}	JUN-JUL	1.55	1.76	1.93	88%	2.2	2.5	2.2
	JUN-SEP	2.3	2.5	2.7	87%	3	3.4	3.1
South Crow Ck nr Ronan ^{1,2}	JUN-JUL	4.6	5.5	6.1	86%	6.7	7.8	7.1
	JUN-SEP	5.6	6.7	7.5	88%	8.4	10.2	8.5
Mill Ck ab Bassoo ck nr Niarada ^{1,2}	JUN-JUL	0.6	0.8	0.98	93%	1.19	1.51	1.05
	JUN-SEP	0.88	1.1	1.28	93%	1.5	1.87	1.38
Sf Flathead R nr Hungry Horse ^{1,2}	JUN-JUL	455	520	570	105%	620	710	545
	JUN-SEP	490	570	625	103%	680	810	605
Hungry Horse Reservoir Inflow ^{1,2}	JUN-JUL	500	735	840	101%	945	1180	830
	JUN-SEP	530	790	910	99%	1030	1290	915

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

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

Bitterroot	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Bitterroot R Nr Darby	JUN-JUL	122	144	164	76%	185	215	215
	JUN-SEP	135	164	186	76%	210	250	245
WF Bitterroot R Nr Conner ^{1,2}	JUN-JUL	30	36	42	76%	49	59	55
	JUN-SEP	37	44	50	78%	57	68	64
Bitterroot R nr Missoula	JUN-JUL	305	370	425	69%	490	575	620
	JUN-SEP	380	450	510	72%	575	670	710

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

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 ¹	JUN-JUL	3060	3450	3810	80%	4170	4730	4790
	JUN-SEP	3580	4130	4570	79%	4990	5730	5750
Prospect Ck at Thompson Falls ^{1,2}	JUN-JUL	9.4	13.6	16.6	57%	19.9	28	29
	JUN-SEP	7.9	14.6	18.1	50%	21	30	36
Clark Fork R nr Plains ^{1,2}	JUN-JUL	1740	3010	3590	82%	4170	5440	4360
	JUN-SEP	2090	3510	4160	78%	4810	6230	5360
Clark Fork R at St. Regis ¹	JUN-JUL	280	810	1050	65%	1290	1820	1610
	JUN-SEP	470	1060	1320	68%	1580	2170	1950
Clark Fork R ab Missoula	JUN-JUL	230	300	360	55%	425	530	650
	JUN-SEP	315	400	475	59%	540	650	805
Clark Fork R bl Missoula ¹	JUN-JUL	565	690	800	63%	910	1110	1270
	JUN-SEP	760	905	1030	67%	1170	1380	1540

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

Upper Clark Fork	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Clark Fork R ab Milltown	JUN-JUL	100	148	190	72%	240	305	265
	JUN-SEP	138	196	245	68%	295	375	360
Rock Ck nr Clinton ^{1,2}	JUN-JUL	59	75	87	70%	103	126	124
	JUN-SEP	81	103	118	75%	133	159	157
Clark Fk at Goldcreek	JUN-JUL	40	58	74		93	123	
	JUN-SEP	9.7	61	96		131	182	
MF Rock Ck nr Philipsburg ^{1,2}	JUN-JUL	19.1	22	25	76%	28	33	33
	JUN-SEP	23	28	32	82%	36	42	39
Flint Ck bl Boulder Ck ^{1,2}	JUN-JUL	14.2	19.1	23	79%	28	35	29
	JUN-SEP	24	30	35	80%	40	49	44
Blackfoot R nr Bonner	JUN-JUL	161	197	225	67%	260	315	335
	JUN-SEP	205	245	275	66%	310	370	415
Nevada Ck nr Helmville ^{1,2}	JUN-JUL	1.85	2.6	3.5	67%	4.6	7.9	5.2
	JUN-SEP	2.5	3.8	4.9	71%	6	9.7	6.9
Georgetown Lake Inflow ^{1,2}	JUN-JUL	0.86	3.3	5	81%	6.7	9.1	6.2
	JUN-SEP	1.44	4.5	6.6	80%	8.7	11.8	8.3

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

Kootenai	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Libby Reservoir Inflow ^{1,2}	JUN-JUL	1740	2540	2900	93%	3260	4060	3120
	JUN-SEP	2400	3290	3700	95%	4110	5000	3910
Yaak R nr Troy ^{1,2}	JUN-JUL	58	75	91	81%	110	141	112
	JUN-SEP	68	88	106	82%	128	163	130
Tobacco R nr Eureka ^{1,2}	JUN-JUL	37	46	53	88%	60	73	60
	JUN-SEP	45	57	65	87%	75	91	75

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

Lower Yellowstone	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Yellowstone R nr Sidney ^{1,2}	JUN-JUL	2220	2680	3050	91%	3480	4210	3360
	JUN-SEP	2130	2820	3310	84%	3820	4700	3950
Yellowstone R at Miles City ^{1,2}	JUN-JUL	2180	2640	3010	89%	3440	4170	3390
	JUN-SEP	2410	2960	3420	83%	3950	4860	4100

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Powder	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Powder R at Moorhead ^{1,2}	JUN-JUL	69	100	126	143%	158	220	88
	JUN-SEP	87	131	170	160%	215	305	106
Rock Ck nr Buffalo ^{1,2}	JUN-JUL	10.7	13.4	15.7	132%	18.4	23	11.9
	JUN-SEP	11.9	15	17.6	109%	21	26	16.1
Piney Ck at Kearny ^{1,2}	JUN-JUL	19.9	27	34	131%	41	54	26
	JUN-SEP	23	31	39	126%	47	62	31
Powder R nr Locate ^{1,2}	JUN-JUL	61	105	152	154%	215	360	99
	JUN-SEP	77	138	205	169%	305	545	121
MF Powder R nr Barnum ^{1,2}	JUN-JUL	2.8	4.1	5.1	131%	6.4	8.7	3.9
	JUN-SEP	3.7	5.4	6.8	139%	8.5	11.6	4.9
NF Powder R nr Hazelton ^{1,2}	JUN-JUL	2.5	3.4	4.1	93%	5	6.5	4.4
	JUN-SEP	3.1	4	4.8	91%	5.8	7.5	5.3

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Tongue	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Little Goose Ck nr Big Horn ^{1,2}	JUN-JUL	17.3	20	23	119%	26	30	19.4
	JUN-SEP	23	27	30	103%	33	38	29
Tongue R nr Dayton ^{1,2}	JUN-JUL	49	56	61	127%	67	75	48
	JUN-SEP	56	65	71	115%	79	91	62
Tongue River Reservoir Inflow ^{1,2}	JUN-JUL	103	129	148	120%	167	197	123
	JUN-SEP	111	143	167	116%	194	235	144
Big Goose Ck nr Sheridan	JUN-JUL	31	36	40	125%	44	50	32
	JUN-SEP	38	43	47	115%	52	59	41

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Bighorn	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Bighorn R at Kane	JUN-JUL	480	640	755	112%	875	1060	675
	JUN-SEP	480	665	800	108%	935	1140	740
Greybull R at Meeteetse ^{1,2}	JUN-JUL	96	117	134	131%	152	184	102
	JUN-SEP	128	152	171	112%	191	225	153
Shell Ck nr Shell ^{1,2}	JUN-JUL	34	40	44	129%	49	57	34
	JUN-SEP	44	51	56	119%	61	70	47
SF Shoshone R ab Buffalo Bill Reservoir ^{1,2}	JUN-JUL	93	117	134	89%	152	178	151
	JUN-SEP	102	128	147	92%	167	197	160
Boysen Reservoir Inflow	JUN-JUL	300	405	490	108%	585	755	455
	JUN-SEP	325	445	545	112%	660	855	485
Bull Lake Ck nr Lenore	JUN-JUL	88	99	108	105%	117	132	103
	JUN-SEP	112	127	137	105%	149	168	130
Little Wind R nr Riverton ^{1,2}	JUN-JUL	157	200	235	130%	275	350	181
	JUN-SEP	158	210	250	122%	300	390	205
Little Popo Agie R nr Lander ^{1,2}	JUN-JUL	24	28	31	111%	34	40	28
	JUN-SEP	31	35	38	115%	41	47	33
Wind R at Riverton ^{1,2}	JUN-JUL	270	310	340	92%	370	420	370
	JUN-SEP	310	365	405	96%	450	515	420
Dinwoody Ck nr Burris ^{1,2}	JUN-JUL	45	49	52	90%	56	60	58
	JUN-SEP	68	73	78	93%	82	89	84

NF Shoshone R at Wapiti ^{1,2}	JUN-JUL	270	305	330	105%	355	395	315
	JUN-SEP	320	355	385	104%	415	455	370
Wind R Ab Bull Lake Ck ^{1,2}	JUN-JUL	205	280	335	96%	405	525	350
	JUN-SEP	220	290	350	97%	415	535	360
Buffalo Bill Reservoir Inflow	JUN-JUL	340	400	445	97%	490	565	460
	JUN-SEP	400	470	520	100%	575	665	520
Bighorn R nr St. Xavier	JUN-JUL	600	855	1080	103%	1360	1880	1050
	JUN-SEP	675	950	1170	105%	1430	1870	1110
Little Bighorn R nr Hardin ^{1,2}	JUN-JUL	44	63	79	144%	99	137	55
	JUN-SEP	51	74	93	137%	116	156	68
SF Shoshone R nr Valley ^{1,2}	JUN-JUL	116	135	148	93%	161	182	160
	JUN-SEP	137	156	170	88%	185	205	194

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

Upper Yellowstone	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Clarks Fk Yellowstone R nr Belfry ^{1,2}	JUN-JUL	290	325	350	95%	385	425	370
	JUN-SEP	310	355	385	96%	425	470	400
Cooney Reservoir Inflow ^{1,2}	JUN-JUL	11	15.4	19.1	87%	24	32	22
	JUN-SEP	17.3	22	26	81%	32	40	32
Stillwater R nr Absarokee ^{1,2}	JUN-JUL	275	305	330	99%	355	400	335
	JUN-SEP	320	365	395	94%	435	495	420
Yellowstone R at Billings ^{1,2}	JUN-JUL	1570	1800	1990	87%	2200	2530	2290
	JUN-SEP	1880	2160	2410	84%	2710	3130	2860
Yellowstone R at Yellowstone Lake Outlet ^{1,2}	JUN-JUL	375	420	455	97%	490	545	470
	JUN-SEP	520	585	635	93%	680	755	680
Shields R nr Livingston ^{1,2}	JUN-JUL	25	34	42	75%	52	70	56
	JUN-SEP	24	35	44	69%	56	76	64
Boulder R at Big Timber	JUN-JUL	173	196	215	100%	235	260	215
	JUN-SEP	186	210	235	98%	260	295	240
Yellowstone R at Livingston ^{1,2}	JUN-JUL	915	1040	1130	88%	1230	1380	1280
	JUN-SEP	1210	1350	1460	92%	1580	1770	1580
Yellowstone R at Corwin Springs ^{1,2}	JUN-JUL	790	895	970	88%	1050	1180	1100
	JUN-SEP	1000	1130	1220	86%	1320	1470	1420
Mystic Lake Inflow ^{1,2}	JUN-JUL	41	44	47	98%	49	53	48
	JUN-SEP	54	59	63	97%	67	72	65

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

Lower Missouri	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Lake Sakakawea Inflow ^{1,2}	JUN-JUL	3280	4040	4720	85%	5490	6840	5560
	JUN-SEP	3460	4490	5520	86%	6550	8590	6450
Missouri R bl Fort Peck Dam ^{1,2}	JUN-JUL	335	795	1110	68%	1420	1880	1640
	JUN-SEP	310	950	1390	71%	1830	2470	1950
Missouri R nr Landusky ^{1,2}	JUN-JUL	510	880	1130	67%	1380	1750	1690
	JUN-SEP	755	1210	1510	68%	1820	2270	2230

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Sun-Teton-Marias	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Dupuyer Ck nr Valier ^{1,2}	JUN-JUL	1	1.37	2.9	66%	4.4	6.7	4.4
	JUN-SEP	1	1.97	3.6	69%	5.2	7.6	5.2
Marias R nr Shelby ^{1,2}	JUN-JUL	12.3	38	75	49%	121	220	153
	JUN-SEP	10.9	44	79	59%	135	245	135
Gibson Reservoir Inflow ^{1,2}	JUN-JUL	37	73	98	56%	123	159	176
	JUN-SEP	39	82	129	57%	159	200	225
Swift Reservoir Inflow ^{1,2}	JUN-JUL	11.2	14.8	18	69%	22	27	26
	JUN-SEP	16.9	21	24	73%	29	37	33
Teton R bl South Fork nr Choteau MT ^{1,2}	JUN-JUL	11.2	12.8	15.1	54%	17	20	28
	JUN-SEP	15.8	20	23	61%	26	31	38
Badger Ck nr Browning	JUN-JUL	11.4	16.8	21	58%	26	35	36
	JUN-SEP	16.3	23	29	60%	35	46	48
Two Medicine R bl SF nr Browning ^{1,2}	JUN-JUL	32	41	50	66%	58	71	76
	JUN-SEP	39	48	56	64%	67	83	87
Teton R nr Dutton ^{1,2}	JUN-JUL	0	0.84	2.9	21%	6.2	13.3	14.1
	JUN-SEP	0	1.38	4.1	25%	8.3	17.1	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)
Smith R bl Eagle Ck ^{1,2}	JUN-JUL	8.9	17	27	60%	39	64	45
	JUN-SEP	12.1	20	29	56%	41	63	52

Musselshell R nr Roundup ^{1,2}								
	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
	JUN-JUL	-30	-1.81	19.2	64%	40	71	30
	JUN-SEP	-35	-5.8	15	60%	35	64	25
Musselshell R at Harlowton ^{1,2}								
	JUN-JUL	-4.4	9.5	21	78%	32	49	27
	JUN-SEP	-5.5	10	22	81%	33	52	27

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Middle Missouri								
	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Missouri R at Fort Benton ^{1,2}								
	JUN-JUL	400	695	895	68%	1100	1390	1320
	JUN-SEP	635	1000	1250	70%	1500	1860	1780
Missouri R nr Virgelle ^{1,2}								
	JUN-JUL	685	900	1060	65%	1280	1670	1630
	JUN-SEP	785	1070	1410	67%	1670	2230	2090

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Upper Missouri								
	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Missouri R at Toston ^{1,2}								
	JUN-JUL	340	475	585	63%	705	900	935
	JUN-SEP	475	650	785	69%	940	1190	1130

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Gallatin								
	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Gallatin R at Logan ^{1,2}								
	JUN-JUL	84	143	183	83%	225	280	220
	JUN-SEP	115	183	230	87%	275	345	265
Hyalite Reservoir Inflow ^{1,2}								
	JUN-JUL	10.9	12.1	13.2	97%	14.4	16.4	13.6
	JUN-SEP	12.6	14.2	15.5	97%	17	19.9	15.9
Gallatin R nr Gallatin Gateway ^{1,2}								
	JUN-JUL	159	195	220	90%	245	280	245
	JUN-SEP	205	250	280	92%	310	355	305

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Madison	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Ennis Lake Inflow ^{1,2}	JUN-JUL	220	250	270	87%	295	335	310
	JUN-SEP	340	380	405	89%	440	485	455
Hebgen Lake Inflow ^{1,2}	JUN-JUL	114	130	142	92%	155	177	155
	JUN-SEP	159	192	215	86%	240	270	250

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Jefferson	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Jefferson R nr Three Forks ^{1,2}	JUN-JUL	1	76	151	51%	225	335	295
	JUN-SEP	1.2	64	153	48%	245	375	320
Willow Ck Reservoir Inflow ^{1,2}	JUN-JUL	0.85	3.4	5.3	52%	7.5	11.2	10.2
	JUN-SEP	-14.8	11.5	30	79%	48	74	38
Beaverhead R at Barretts	JUN-JUL	0.42	7.1	16.8	70%	31	59	24
	JUN-SEP	-14.8	11.5	30	79%	48	74	38
Ruby R Reservoir Inflow ^{1,2}	JUN-JUL	15.8	25	31	89%	37	46	35
	JUN-SEP	26	37	44	90%	51	62	49
Jefferson R nr Twin Bridges ^{1,2}	JUN-JUL	1	5.9	84	39%	162	275	215
	JUN-SEP	1.2	12.5	98	42%	184	310	235
Lima Reservoir Inflow ^{1,2}	JUN-JUL	7.5	13	17.8	68%	23	32	26
	JUN-SEP	12.5	18.9	24	69%	31	43	35
Big Hole R at Wisdom	JUN-JUL	1.4	7.1	13.5	39%	22	38	35
	JUN-SEP	2.2	9.2	16.6	40%	26	44	41
Big Hole R nr Melrose	JUN-JUL	9.5	74	117	49%	161	225	240
	JUN-SEP	24	97	146	49%	195	270	300
Boulder R nr Boulder	JUN-JUL	6.9	12.1	16.8	60%	23	33	28
	JUN-SEP	6.8	13.4	19.3	64%	27	41	30
Clark Canyon Inflow	JUN-JUL	-23	-4.9	7.3	75%	19.5	37	9.7
	JUN-SEP	-21	1	16	85%	31	53	18.9

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

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

St. Mary	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
St. Mary R at Intl Boundary ^{1,2}	JUN-JUL	199	230	250	96%	275	320	260
	JUN-SEP	250	285	315	95%	345	395	330
Lake Sherburne Inflow ²	JUN-JUL	40	45	50	96%	55	62	52

St. Mary R nr Babb ^{1,2}	JUN-SEP	52	59	65	98%	70	79	66
	JUN-JUL	185	205	220	96%	240	270	230
	JUN-SEP	220	250	270	96%	295	330	280

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

Missouri Headwaters	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Jefferson R nr Three Forks ^{1,2}	JUN-JUL	1	76	151	51%	225	335	295
	JUN-SEP	1.2	64	153	48%	245	375	320
Willow Ck Reservoir Inflow ^{1,2}	JUN-JUL	0.85	3.4	5.3	52%	7.5	11.2	10.2
Hyalite Reservoir Inflow ^{1,2}	JUN-JUL	10.9	12.1	13.2	97%	14.4	16.4	13.6
	JUN-SEP	12.6	14.2	15.5	97%	17	19.9	15.9
Beaverhead R at Barretts	JUN-JUL	0.42	7.1	16.8	70%	31	59	24
	JUN-SEP	-14.8	11.5	30	79%	48	74	38
Hebgen Lake Inflow ^{1,2}	JUN-JUL	114	130	142	92%	155	177	155
	JUN-SEP	159	192	215	86%	240	270	250
Ruby R Reservoir Inflow ^{1,2}	JUN-JUL	15.8	25	31	89%	37	46	35
	JUN-SEP	26	37	44	90%	51	62	49
Gallatin R at Logan ^{1,2}	JUN-JUL	84	143	183	83%	225	280	220
	JUN-SEP	115	183	230	87%	275	345	265
Gallatin R nr Gallatin Gateway ^{1,2}	JUN-JUL	159	195	220	90%	245	280	245
	JUN-SEP	205	250	280	92%	310	355	305
Jefferson R nr Twin Bridges ^{1,2}	JUN-JUL	1	5.9	84	39%	162	275	215
	JUN-SEP	1.2	12.5	98	42%	184	310	235
Lima Reservoir Inflow ^{1,2}	JUN-JUL	7.5	13	17.8	68%	23	32	26
	JUN-SEP	12.5	18.9	24	69%	31	43	35
Big Hole R at Wisdom	JUN-JUL	1.4	7.1	13.5	39%	22	38	35
	JUN-SEP	2.2	9.2	16.6	40%	26	44	41
Big Hole R nr Melrose	JUN-JUL	9.5	74	117	49%	161	225	240
	JUN-SEP	24	97	146	49%	195	270	300
Ennis Lake Inflow ^{1,2}	JUN-JUL	220	250	270	87%	295	335	310
	JUN-SEP	340	380	405	89%	440	485	455
Boulder R nr Boulder	JUN-JUL	6.9	12.1	16.8	60%	23	33	28
	JUN-SEP	6.8	13.4	19.3	64%	27	41	30
Clark Canyon Inflow	JUN-JUL	-23	-4.9	7.3	75%	19.5	37	9.7
	JUN-SEP	-21	1	16	85%	31	53	18.9

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

Montana East of Divide	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Musselshell R at Harlowton ^{1,2}	JUN-JUL	-4.4	9.5	21	78%	32	49	27
	JUN-SEP	-5.5	10	22	81%	33	52	27
Dupuyer Ck nr Valier ^{1,2}	JUN-JUL	1	1.37	2.9	66%	4.4	6.7	4.4
	JUN-SEP	1	1.97	3.6	69%	5.2	7.6	5.2
Lake Sakakawea Inflow ^{1,2}	JUN-JUL	3280	4040	4720	85%	5490	6840	5560
	JUN-SEP	3460	4490	5520	86%	6550	8590	6450
Marias R nr Shelby ^{1,2}	JUN-JUL	12.3	38	75	49%	121	220	153
	JUN-SEP	10.9	44	79	59%	135	245	135
Gibson Reservoir Inflow ^{1,2}	JUN-JUL	37	73	98	56%	123	159	176
	JUN-SEP	39	82	129	57%	159	200	225
Missouri R nr Virgelle ^{1,2}	JUN-JUL	685	900	1060	65%	1280	1670	1630
	JUN-SEP	785	1070	1410	67%	1670	2230	2090
Swift Reservoir Inflow ^{1,2}	JUN-JUL	11.2	14.8	18	69%	22	27	26
	JUN-SEP	16.9	21	24	73%	29	37	33
Smith R bl Eagle Ck ^{1,2}	JUN-JUL	8.9	17	27	60%	39	64	45
	JUN-SEP	12.1	20	29	56%	41	63	52
Musselshell R nr Roundup ^{1,2}	JUN-JUL	-30	-1.81	19.2	64%	40	71	30
	JUN-SEP	-35	-5.8	15	60%	35	64	25
Teton R bl South Fork nr Choteau MT ^{1,2}	JUN-JUL	11.2	12.8	15.1	54%	17	20	28
	JUN-SEP	15.8	20	23	61%	26	31	38
Missouri R at Fort Benton ^{1,2}	JUN-JUL	400	695	895	68%	1100	1390	1320
	JUN-SEP	635	1000	1250	70%	1500	1860	1780
Missouri R nr Landusky ^{1,2}	JUN-JUL	510	880	1130	67%	1380	1750	1690
	JUN-SEP	755	1210	1510	68%	1820	2270	2230
Badger Ck nr Browning	JUN-JUL	11.4	16.8	21	58%	26	35	36
	JUN-SEP	16.3	23	29	60%	35	46	48
Missouri R bl Fort Peck Dam ^{1,2}	JUN-JUL	335	795	1110	68%	1420	1880	1640
	JUN-SEP	310	950	1390	71%	1830	2470	1950
Missouri R at Toston ^{1,2}	JUN-JUL	340	475	585	63%	705	900	935
	JUN-SEP	475	650	785	69%	940	1190	1130
Two Medicine R bl SF nr Browning ^{1,2}	JUN-JUL	32	41	50	66%	58	71	76
	JUN-SEP	39	48	56	64%	67	83	87
Teton R nr Dutton ^{1,2}	JUN-JUL	0	0.84	2.9	21%	6.2	13.3	14.1
	JUN-SEP	0	1.38	4.1	25%	8.3	17.1	16.5

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

Montana West of Divide	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Clark Fork R bl Cabinet Gorge Dam ¹	JUN-JUL	3060	3450	3810	80%	4170	4730	4790
	JUN-SEP	3580	4130	4570	79%	4990	5730	5750
Clark Fork R ab Milltown	JUN-JUL	100	148	190	72%	240	305	265
	JUN-SEP	138	196	245	68%	295	375	360
Flathead Lake Inflow ^{1,2}	JUN-JUL	1350	2100	2440	89%	2780	3530	2750
	JUN-SEP	1450	2310	2700	84%	3090	3950	3210
Clark Fk at Goldcreek	JUN-JUL	40	58	74		93	123	
	JUN-SEP	9.7	61	96		131	182	
MF Rock Ck nr Philipsburg ^{1,2}	JUN-JUL	19.1	22	25	76%	28	33	33
	JUN-SEP	23	28	32	82%	36	42	39
SF Jocko R nr Arlee ^{1,2}	JUN-JUL	10.4	12.4	14.4	75%	16.4	19.7	19.2
	JUN-SEP	12.7	15.3	17.7	77%	20	24	23
Mill Ck ab Bassoo ck nr Niarada ^{1,2}	JUN-JUL	0.6	0.8	0.98	93%	1.19	1.51	1.05
	JUN-SEP	0.88	1.1	1.28	93%	1.5	1.87	1.38
Tobacco R nr Eureka ^{1,2}	JUN-JUL	37	46	53	88%	60	73	60
	JUN-SEP	45	57	65	87%	75	91	75
Swan R nr Bigfork ^{1,2}	JUN-JUL	215	240	260	95%	275	305	275
	JUN-SEP	280	310	335	97%	365	400	345
Rock Ck nr Clinton ^{1,2}	JUN-JUL	59	75	87	70%	103	126	124
	JUN-SEP	81	103	118	75%	133	159	157
Prospect Ck at Thompson Falls ^{1,2}	JUN-JUL	9.4	13.6	16.6	57%	19.9	28	29
	JUN-SEP	7.9	14.6	18.1	50%	21	30	36
Libby Reservoir Inflow ^{1,2}	JUN-JUL	1740	2540	2900	93%	3260	4060	3120
	JUN-SEP	2400	3290	3700	95%	4110	5000	3910
MF Flathead R nr West Glacier ^{1,2}	JUN-JUL	460	530	585	81%	645	745	720
	JUN-SEP	540	625	685	83%	755	865	825
Hellroaring Creek ab Reservoir nr Polson ^{1,2}	JUN-JUL	1.55	1.76	1.93	88%	2.2	2.5	2.2
	JUN-SEP	2.3	2.5	2.7	87%	3	3.4	3.1
Bitterroot R nr Missoula	JUN-JUL	305	370	425	69%	490	575	620
	JUN-SEP	380	450	510	72%	575	670	710
Clark Fork R ab Missoula	JUN-JUL	230	300	360	55%	425	530	650
	JUN-SEP	315	400	475	59%	540	650	805
Hungry Horse Reservoir Inflow ^{1,2}	JUN-JUL	500	735	840	101%	945	1180	830
	JUN-SEP	530	790	910	99%	1030	1290	915
Yaak R nr Troy ^{1,2}	JUN-JUL	58	75	91	81%	110	141	112
	JUN-SEP	68	88	106	82%	128	163	130
Clark Fork R bl Missoula ¹	JUN-JUL	565	690	800	63%	910	1110	1270
	JUN-SEP	760	905	1030	67%	1170	1380	1540

Flathead R at Columbia Falls ^{1,2}								
	JUN-JUL	1620	1870	2070	91%	2290	2590	2270
	JUN-SEP	1920	2200	2380	88%	2610	3000	2710
Clark Fork R nr Plains ^{1,2}								
	JUN-JUL	1740	3010	3590	82%	4170	5440	4360
	JUN-SEP	2090	3510	4160	78%	4810	6230	5360
Bitterroot R Nr Darby								
	JUN-JUL	122	144	164	76%	185	215	215
	JUN-SEP	135	164	186	76%	210	250	245
Flint Ck bl Boulder Ck ^{1,2}								
	JUN-JUL	14.2	19.1	23	79%	28	35	29
	JUN-SEP	24	30	35	80%	40	49	44
Blackfoot R nr Bonner								
	JUN-JUL	161	197	225	67%	260	315	335
	JUN-SEP	205	245	275	66%	310	370	415
Nevada Ck nr Helmville ^{1,2}								
	JUN-JUL	1.85	2.6	3.5	67%	4.6	7.9	5.2
	JUN-SEP	2.5	3.8	4.9	71%	6	9.7	6.9
Clark Fork R at St. Regis ¹								
	JUN-JUL	280	810	1050	65%	1290	1820	1610
	JUN-SEP	470	1060	1320	68%	1580	2170	1950
Sf Flathead R nr Hungry Horse ^{1,2}								
	JUN-JUL	455	520	570	105%	620	710	545
	JUN-SEP	490	570	625	103%	680	810	605
Georgetown Lake Inflow ^{1,2}								
	JUN-JUL	0.86	3.3	5	81%	6.7	9.1	6.2
	JUN-SEP	1.44	4.5	6.6	80%	8.7	11.8	8.3
NF Flathead R nr Columbia Falls ^{1,2}								
	JUN-JUL	530	635	705	95%	790	925	740
	JUN-SEP	655	765	850	97%	935	1080	880
Mission Ck nr St. Ignatius ^{1,2}								
	JUN-JUL	10.9	13.6	15.4	85%	17.2	19.9	18.1
	JUN-SEP	13.3	16.8	19.1	83%	21	25	23
WF Bitterroot R Nr Conner ^{1,2}								
	JUN-JUL	30	36	42	76%	49	59	55
	JUN-SEP	37	44	50	78%	57	68	64
South Crow Ck nr Ronan ^{1,2}								
	JUN-JUL	4.6	5.5	6.1	86%	6.7	7.8	7.1
	JUN-SEP	5.6	6.7	7.5	88%	8.4	10.2	8.5

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

Montana in State Basins	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Clark Fork R bl Cabinet Gorge Dam ¹								
	JUN-JUL	3060	3450	3810	80%	4170	4730	4790
	JUN-SEP	3580	4130	4570	79%	4990	5730	5750
Musselshell R at Harlowton ^{1,2}								
	JUN-JUL	-4.4	9.5	21	78%	32	49	27
	JUN-SEP	-5.5	10	22	81%	33	52	27
Jefferson R nr Three Forks ^{1,2}								
	JUN-JUL	1	76	151	51%	225	335	295
	JUN-SEP	1.2	64	153	48%	245	375	320
Clark Fork R ab Milltown								
	JUN-JUL	100	148	190	72%	240	305	265
	JUN-SEP	138	196	245	68%	295	375	360
Willow Ck Reservoir Inflow ^{1,2}								

Flathead Lake Inflow ^{1,2}	JUN-JUL	0.85	3.4	5.3	52%	7.5	11.2	10.2
	JUN-SEP	1350	2100	2440	89%	2780	3530	2750
St. Mary R at Intl Boundary ^{1,2}	JUN-JUL	1450	2310	2700	84%	3090	3950	3210
	JUN-SEP	199	230	250	96%	275	320	260
Clark Fk at Goldcreek	JUN-JUL	250	285	315	95%	345	395	330
	JUN-SEP	40	58	74		93	123	
MF Rock Ck nr Philipsburg ^{1,2}	JUN-JUL	9.7	61	96		131	182	
	JUN-SEP	19.1	22	25	76%	28	33	33
Marias R nr Shelby ^{1,2}	JUN-JUL	23	28	32	82%	36	42	39
	JUN-SEP	12.3	38	75	49%	121	220	153
Hebgen Lake Inflow ^{1,2}	JUN-JUL	10.9	44	79	59%	135	245	135
	JUN-SEP	114	130	142	92%	155	177	155
SF Jocko R nr Arlee ^{1,2}	JUN-JUL	159	192	215	86%	240	270	250
	JUN-SEP	10.4	12.4	14.4	75%	16.4	19.7	19.2
Ruby R Reservoir Inflow ^{1,2}	JUN-JUL	12.7	15.3	17.7	77%	20	24	23
	JUN-SEP	15.8	25	31	89%	37	46	35
Smith R bl Eagle Ck ^{1,2}	JUN-JUL	26	37	44	90%	51	62	49
	JUN-SEP	8.9	17	27	60%	39	64	45
Swift Reservoir Inflow ^{1,2}	JUN-JUL	12.1	20	29	56%	41	63	52
	JUN-SEP	11.2	14.8	18	69%	22	27	26
Yellowstone R at Livingston ^{1,2}	JUN-JUL	16.9	21	24	73%	29	37	33
	JUN-SEP	915	1040	1130	88%	1230	1380	1280
Lima Reservoir Inflow ^{1,2}	JUN-JUL	1210	1350	1460	92%	1580	1770	1580
	JUN-SEP	7.5	13	17.8	68%	23	32	26
Hyalite Reservoir Inflow ^{1,2}	JUN-JUL	12.5	18.9	24	69%	31	43	35
	JUN-SEP	10.9	12.1	13.2	97%	14.4	16.4	13.6
Mill Ck ab Bassoo ck nr Niarada ^{1,2}	JUN-JUL	12.6	14.2	15.5	97%	17	19.9	15.9
	JUN-SEP	0.6	0.8	0.98	93%	1.19	1.51	1.05
Tobacco R nr Eureka ^{1,2}	JUN-JUL	0.88	1.1	1.28	93%	1.5	1.87	1.38
	JUN-SEP	37	46	53	88%	60	73	60
Swan R nr Bigfork ^{1,2}	JUN-JUL	45	57	65	87%	75	91	75
	JUN-SEP	215	240	260	95%	275	305	275
Rock Ck nr Clinton ^{1,2}	JUN-JUL	280	310	335	97%	365	400	345
	JUN-SEP	59	75	87	70%	103	126	124
Prospect Ck at Thompson Falls ^{1,2}	JUN-JUL	81	103	118	75%	133	159	157
	JUN-SEP	9.4	13.6	16.6	57%	19.9	28	29
Libby Reservoir Inflow ^{1,2}	JUN-JUL	7.9	14.6	18.1	50%	21	30	36
	JUN-SEP	1740	2540	2900	93%	3260	4060	3120
MF Flathead R nr West Glacier ^{1,2}	JUN-JUL	2400	3290	3700	95%	4110	5000	3910
	JUN-SEP	460	530	585	81%	645	745	720
Hellroaring Creek ab Reservoir nr Polson ^{1,2}	JUN-JUL	540	625	685	83%	755	865	825
	JUN-SEP							

	JUN-JUL	1.55	1.76	1.93	88%	2.2	2.5	2.2
	JUN-SEP	2.3	2.5	2.7	87%	3	3.4	3.1
Boulder R at Big Timber	JUN-JUL	173	196	215	100%	235	260	215
	JUN-SEP	186	210	235	98%	260	295	240
Shields R nr Livingston ^{1,2}	JUN-JUL	25	34	42	75%	52	70	56
	JUN-SEP	24	35	44	69%	56	76	64
Gallatin R nr Gallatin Gateway ^{1,2}	JUN-JUL	159	195	220	90%	245	280	245
	JUN-SEP	205	250	280	92%	310	355	305
Bitterroot R nr Missoula	JUN-JUL	305	370	425	69%	490	575	620
	JUN-SEP	380	450	510	72%	575	670	710
Ennis Lake Inflow ^{1,2}	JUN-JUL	220	250	270	87%	295	335	310
	JUN-SEP	340	380	405	89%	440	485	455
Clark Fork R ab Missoula	JUN-JUL	230	300	360	55%	425	530	650
	JUN-SEP	315	400	475	59%	540	650	805
Clark Canyon Inflow	JUN-JUL	-23	-4.9	7.3	75%	19.5	37	9.7
	JUN-SEP	-21	1	16	85%	31	53	18.9
Badger Ck nr Browning	JUN-JUL	11.4	16.8	21	58%	26	35	36
	JUN-SEP	16.3	23	29	60%	35	46	48
Teton R bl South Fork nr Choteau MT ^{1,2}	JUN-JUL	11.2	12.8	15.1	54%	17	20	28
	JUN-SEP	15.8	20	23	61%	26	31	38
Hungry Horse Reservoir Inflow ^{1,2}	JUN-JUL	500	735	840	101%	945	1180	830
	JUN-SEP	530	790	910	99%	1030	1290	915
Clark Fork R bl Missoula ¹	JUN-JUL	565	690	800	63%	910	1110	1270
	JUN-SEP	760	905	1030	67%	1170	1380	1540
Teton R nr Dutton ^{1,2}	JUN-JUL	0	0.84	2.9	21%	6.2	13.3	14.1
	JUN-SEP	0	1.38	4.1	25%	8.3	17.1	16.5
Mystic Lake Inflow ^{1,2}	JUN-JUL	41	44	47	98%	49	53	48
	JUN-SEP	54	59	63	97%	67	72	65
Yaak R nr Troy ^{1,2}	JUN-JUL	58	75	91	81%	110	141	112
	JUN-SEP	68	88	106	82%	128	163	130
St. Mary R nr Babb ^{1,2}	JUN-JUL	185	205	220	96%	240	270	230
	JUN-SEP	220	250	270	96%	295	330	280
Flathead R at Columbia Falls ^{1,2}	JUN-JUL	1620	1870	2070	91%	2290	2590	2270
	JUN-SEP	1920	2200	2380	88%	2610	3000	2710
Lake Sherburne Inflow ²	JUN-JUL	40	45	50	96%	55	62	52
	JUN-SEP	52	59	65	98%	70	79	66
Clark Fork R nr Plains ^{1,2}	JUN-JUL	1740	3010	3590	82%	4170	5440	4360
	JUN-SEP	2090	3510	4160	78%	4810	6230	5360
Musselshell R nr Roundup ^{1,2}	JUN-JUL	-30	-1.81	19.2	64%	40	71	30
	JUN-SEP	-35	-5.8	15	60%	35	64	25
Bitterroot R Nr Darby	JUN-JUL	122	144	164	76%	185	215	215
	JUN-SEP	135	164	186	76%	210	250	245

Jefferson R nr Twin Bridges ^{1,2}	JUN-JUL	1	5.9	84	39%	162	275	215
	JUN-SEP	1.2	12.5	98	42%	184	310	235
Flint Ck bl Boulder Ck ^{1,2}	JUN-JUL	14.2	19.1	23	79%	28	35	29
	JUN-SEP	24	30	35	80%	40	49	44
Big Hole R nr Melrose	JUN-JUL	9.5	74	117	49%	161	225	240
	JUN-SEP	24	97	146	49%	195	270	300
Nevada Ck nr Helmville ^{1,2}	JUN-JUL	1.85	2.6	3.5	67%	4.6	7.9	5.2
	JUN-SEP	2.5	3.8	4.9	71%	6	9.7	6.9
Blackfoot R nr Bonner	JUN-JUL	161	197	225	67%	260	315	335
	JUN-SEP	205	245	275	66%	310	370	415
Clark Fork R at St. Regis ¹	JUN-JUL	280	810	1050	65%	1290	1820	1610
	JUN-SEP	470	1060	1320	68%	1580	2170	1950
Boulder R nr Boulder	JUN-JUL	6.9	12.1	16.8	60%	23	33	28
	JUN-SEP	6.8	13.4	19.3	64%	27	41	30
Sf Flathead R nr Hungry Horse ^{1,2}	JUN-JUL	455	520	570	105%	620	710	545
	JUN-SEP	490	570	625	103%	680	810	605
Two Medicine R bl SF nr Browning ^{1,2}	JUN-JUL	32	41	50	66%	58	71	76
	JUN-SEP	39	48	56	64%	67	83	87
Georgetown Lake Inflow ^{1,2}	JUN-JUL	0.86	3.3	5	81%	6.7	9.1	6.2
	JUN-SEP	1.44	4.5	6.6	80%	8.7	11.8	8.3
NF Flathead R nr Columbia Falls ^{1,2}	JUN-JUL	530	635	705	95%	790	925	740
	JUN-SEP	655	765	850	97%	935	1080	880
Missouri R at Toston ^{1,2}	JUN-JUL	340	475	585	63%	705	900	935
	JUN-SEP	475	650	785	69%	940	1190	1130
Cooney Reservoir Inflow ^{1,2}	JUN-JUL	11	15.4	19.1	87%	24	32	22
	JUN-SEP	17.3	22	26	81%	32	40	32
Stillwater R nr Absarokee ^{1,2}	JUN-JUL	275	305	330	99%	355	400	335
	JUN-SEP	320	365	395	94%	435	495	420
Yellowstone R at Yellowstone Lake Outlet ^{1,2}	JUN-JUL	375	420	455	97%	490	545	470
	JUN-SEP	520	585	635	93%	680	755	680
Dupuyer Ck nr Valier ^{1,2}	JUN-JUL	1	1.37	2.9	66%	4.4	6.7	4.4
	JUN-SEP	1	1.97	3.6	69%	5.2	7.6	5.2
Beaverhead R at Barretts	JUN-JUL	0.42	7.1	16.8	70%	31	59	24
	JUN-SEP	-14.8	11.5	30	79%	48	74	38
Mission Ck nr St. Ignatius ^{1,2}	JUN-JUL	10.9	13.6	15.4	85%	17.2	19.9	18.1
	JUN-SEP	13.3	16.8	19.1	83%	21	25	23
Gibson Reservoir Inflow ^{1,2}	JUN-JUL	37	73	98	56%	123	159	176
	JUN-SEP	39	82	129	57%	159	200	225
Gallatin R at Logan ^{1,2}	JUN-JUL	84	143	183	83%	225	280	220
	JUN-SEP	115	183	230	87%	275	345	265
WF Bitterroot R Nr Conner ^{1,2}	JUN-JUL	30	36	42	76%	49	59	55

South Crow Ck nr Ronan ^{1,2}	JUN-SEP	37	44	50	78%	57	68	64
	JUN-JUL	4.6	5.5	6.1	86%	6.7	7.8	7.1
Big Hole R at Wisdom	JUN-SEP	5.6	6.7	7.5	88%	8.4	10.2	8.5
	JUN-JUL	1.4	7.1	13.5	39%	22	38	35
Yellowstone R at Corwin Springs ^{1,2}	JUN-SEP	2.2	9.2	16.6	40%	26	44	41
	JUN-JUL	790	895	970	88%	1050	1180	1100
	JUN-SEP	1000	1130	1220	86%	1320	1470	1420

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

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

State of Montana	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Clark Fk at Goldcreek	JUN-JUL	40	58	74		93	123	
	JUN-SEP	9.7	61	96		131	182	
SF Jocko R nr Arlee ^{1,2}	JUN-JUL	10.4	12.4	14.4	75%	16.4	19.7	19.2
	JUN-SEP	12.7	15.3	17.7	77%	20	24	23
Dinwoody Ck nr Burris ^{1,2}	JUN-JUL	45	49	52	90%	56	60	58
	JUN-SEP	68	73	78	93%	82	89	84
Buffalo Bill Reservoir Inflow	JUN-JUL	340	400	445	97%	490	565	460
	JUN-SEP	400	470	520	100%	575	665	520
Missouri R nr Landusky ^{1,2}	JUN-JUL	510	880	1130	67%	1380	1750	1690
	JUN-SEP	755	1210	1510	68%	1820	2270	2230
Hyalite Reservoir Inflow ^{1,2}	JUN-JUL	10.9	12.1	13.2	97%	14.4	16.4	13.6
	JUN-SEP	12.6	14.2	15.5	97%	17	19.9	15.9
Big Goose Ck nr Sheridan	JUN-JUL	31	36	40	125%	44	50	32
	JUN-SEP	38	43	47	115%	52	59	41
NF Powder R nr Hazelton ^{1,2}	JUN-JUL	2.5	3.4	4.1	93%	5	6.5	4.4
	JUN-SEP	3.1	4	4.8	91%	5.8	7.5	5.3
Tongue R nr Dayton ^{1,2}	JUN-JUL	49	56	61	127%	67	75	48
	JUN-SEP	56	65	71	115%	79	91	62
Libby Reservoir Inflow ^{1,2}	JUN-JUL	1740	2540	2900	93%	3260	4060	3120
	JUN-SEP	2400	3290	3700	95%	4110	5000	3910
Wind R Ab Bull Lake Ck ^{1,2}	JUN-JUL	205	280	335	96%	405	525	350
	JUN-SEP	220	290	350	97%	415	535	360
Bighorn R nr St. Xavier	JUN-JUL	600	855	1080	103%	1360	1880	1050
	JUN-SEP	675	950	1170	105%	1430	1870	1110
Teton R bl South Fork nr Choteau MT ^{1,2}	JUN-JUL	11.2	12.8	15.1	54%	17	20	28
	JUN-SEP	15.8	20	23	61%	26	31	38
Yaak R nr Troy ^{1,2}	JUN-JUL	58	75	91	81%	110	141	112
	JUN-SEP	68	88	106	82%	128	163	130

Rock Ck nr Buffalo ^{1,2}	JUN-JUL	10.7	13.4	15.7	132%	18.4	23	11.9
	JUN-SEP	11.9	15	17.6	109%	21	26	16.1
Clark Fork R nr Plains ^{1,2}	JUN-JUL	1740	3010	3590	82%	4170	5440	4360
	JUN-SEP	2090	3510	4160	78%	4810	6230	5360
Bitterroot R Nr Darby	JUN-JUL	122	144	164	76%	185	215	215
	JUN-SEP	135	164	186	76%	210	250	245
Blackfoot R nr Bonner	JUN-JUL	161	197	225	67%	260	315	335
	JUN-SEP	205	245	275	66%	310	370	415
Clark Fork R at St. Regis ¹	JUN-JUL	280	810	1050	65%	1290	1820	1610
	JUN-SEP	470	1060	1320	68%	1580	2170	1950
Boulder R nr Boulder	JUN-JUL	6.9	12.1	16.8	60%	23	33	28
	JUN-SEP	6.8	13.4	19.3	64%	27	41	30
Lake Sakakawea Inflow ^{1,2}	JUN-JUL	3280	4040	4720	85%	5490	6840	5560
	JUN-SEP	3460	4490	5520	86%	6550	8590	6450
Tongue River Reservoir Inflow ^{1,2}	JUN-JUL	103	129	148	120%	167	197	123
	JUN-SEP	111	143	167	116%	194	235	144
Yellowstone R nr Sidney ^{1,2}	JUN-JUL	2220	2680	3050	91%	3480	4210	3360
	JUN-SEP	2130	2820	3310	84%	3820	4700	3950
Little Goose Ck nr Big Horn ^{1,2}	JUN-JUL	17.3	20	23	119%	26	30	19.4
	JUN-SEP	23	27	30	103%	33	38	29
Gallatin R at Logan ^{1,2}	JUN-JUL	84	143	183	83%	225	280	220
	JUN-SEP	115	183	230	87%	275	345	265
WF Bitterroot R Nr Conner ^{1,2}	JUN-JUL	30	36	42	76%	49	59	55
	JUN-SEP	37	44	50	78%	57	68	64
South Crow Ck nr Ronan ^{1,2}	JUN-JUL	4.6	5.5	6.1	86%	6.7	7.8	7.1
	JUN-SEP	5.6	6.7	7.5	88%	8.4	10.2	8.5
Missouri R at Fort Benton ^{1,2}	JUN-JUL	400	695	895	68%	1100	1390	1320
	JUN-SEP	635	1000	1250	70%	1500	1860	1780
Marias R nr Shelby ^{1,2}	JUN-JUL	12.3	38	75	49%	121	220	153
	JUN-SEP	10.9	44	79	59%	135	245	135
Ruby R Reservoir Inflow ^{1,2}	JUN-JUL	15.8	25	31	89%	37	46	35
	JUN-SEP	26	37	44	90%	51	62	49
Wind R at Riverton ^{1,2}	JUN-JUL	270	310	340	92%	370	420	370
	JUN-SEP	310	365	405	96%	450	515	420
Swift Reservoir Inflow ^{1,2}	JUN-JUL	11.2	14.8	18	69%	22	27	26
	JUN-SEP	16.9	21	24	73%	29	37	33
Yellowstone R at Livingston ^{1,2}	JUN-JUL	915	1040	1130	88%	1230	1380	1280
	JUN-SEP	1210	1350	1460	92%	1580	1770	1580
Lima Reservoir Inflow ^{1,2}	JUN-JUL	7.5	13	17.8	68%	23	32	26
	JUN-SEP	12.5	18.9	24	69%	31	43	35
MF Powder R nr Barnum ^{1,2}	JUN-JUL	2.8	4.1	5.1	131%	6.4	8.7	3.9

	JUN-JUL	300	405	490	108%	585	755	455
	JUN-SEP	325	445	545	112%	660	855	485
Hellroaring Creek ab Reservoir nr Polson ^{1,2}								
	JUN-JUL	1.55	1.76	1.93	88%	2.2	2.5	2.2
	JUN-SEP	2.3	2.5	2.7	87%	3	3.4	3.1
Clark Fork R ab Missoula								
	JUN-JUL	230	300	360	55%	425	530	650
	JUN-SEP	315	400	475	59%	540	650	805
Clark Canyon Inflow								
	JUN-JUL	-23	-4.9	7.3	75%	19.5	37	9.7
	JUN-SEP	-21	1	16	85%	31	53	18.9
Hungry Horse Reservoir Inflow ^{1,2}								
	JUN-JUL	500	735	840	101%	945	1180	830
	JUN-SEP	530	790	910	99%	1030	1290	915
Mystic Lake Inflow ^{1,2}								
	JUN-JUL	41	44	47	98%	49	53	48
	JUN-SEP	54	59	63	97%	67	72	65
Yellowstone R at Billings ^{1,2}								
	JUN-JUL	1570	1800	1990	87%	2200	2530	2290
	JUN-SEP	1880	2160	2410	84%	2710	3130	2860
St. Mary R nr Babb ^{1,2}								
	JUN-JUL	185	205	220	96%	240	270	230
	JUN-SEP	220	250	270	96%	295	330	280
Greybull R at Meeteetse ^{1,2}								
	JUN-JUL	96	117	134	131%	152	184	102
	JUN-SEP	128	152	171	112%	191	225	153
Little Popo Agie R nr Lander ^{1,2}								
	JUN-JUL	24	28	31	111%	34	40	28
	JUN-SEP	31	35	38	115%	41	47	33
Big Hole R nr Melrose								
	JUN-JUL	9.5	74	117	49%	161	225	240
	JUN-SEP	24	97	146	49%	195	270	300
Sf Flathead R nr Hungry Horse ^{1,2}								
	JUN-JUL	455	520	570	105%	620	710	545
	JUN-SEP	490	570	625	103%	680	810	605
Two Medicine R bl SF nr Browning ^{1,2}								
	JUN-JUL	32	41	50	66%	58	71	76
	JUN-SEP	39	48	56	64%	67	83	87
Missouri R at Toston ^{1,2}								
	JUN-JUL	340	475	585	63%	705	900	935
	JUN-SEP	475	650	785	69%	940	1190	1130
NF Flathead R nr Columbia Falls ^{1,2}								
	JUN-JUL	530	635	705	95%	790	925	740
	JUN-SEP	655	765	850	97%	935	1080	880
Dupuyer Ck nr Valier ^{1,2}								
	JUN-JUL	1	1.37	2.9	66%	4.4	6.7	4.4
	JUN-SEP	1	1.97	3.6	69%	5.2	7.6	5.2
Beaverhead R at Barretts								
	JUN-JUL	0.42	7.1	16.8	70%	31	59	24
	JUN-SEP	-14.8	11.5	30	79%	48	74	38
Mission Ck nr St. Ignatius ^{1,2}								
	JUN-JUL	10.9	13.6	15.4	85%	17.2	19.9	18.1
	JUN-SEP	13.3	16.8	19.1	83%	21	25	23
Bull Lake Ck nr Lenore								
	JUN-JUL	88	99	108	105%	117	132	103
	JUN-SEP	112	127	137	105%	149	168	130
Little Bighorn R nr Hardin ^{1,2}								
	JUN-JUL	44	63	79	144%	99	137	55
	JUN-SEP	51	74	93	137%	116	156	68
Clarks Fk Yellowstone R nr Belfry ^{1,2}								
	JUN-JUL	290	325	350	95%	385	425	370
	JUN-SEP	310	355	385	96%	425	470	400

Clark Fork R bl Cabinet Gorge Dam ¹								
	JUN-JUL	3060	3450	3810	80%	4170	4730	4790
	JUN-SEP	3580	4130	4570	79%	4990	5730	5750
Jefferson R nr Three Forks ^{1,2}								
	JUN-JUL	1	76	151	51%	225	335	295
	JUN-SEP	1.2	64	153	48%	245	375	320
Willow Ck Reservoir Inflow ^{1,2}								
	JUN-JUL	0.85	3.4	5.3	52%	7.5	11.2	10.2
Flathead Lake Inflow ^{1,2}								
	JUN-JUL	1350	2100	2440	89%	2780	3530	2750
	JUN-SEP	1450	2310	2700	84%	3090	3950	3210
St. Mary R at Intl Boundary ^{1,2}								
	JUN-JUL	199	230	250	96%	275	320	260
	JUN-SEP	250	285	315	95%	345	395	330
Smith R bl Eagle Ck ^{1,2}								
	JUN-JUL	8.9	17	27	60%	39	64	45
	JUN-SEP	12.1	20	29	56%	41	63	52
Yellowstone R at Miles City ^{1,2}								
	JUN-JUL	2180	2640	3010	89%	3440	4170	3390
	JUN-SEP	2410	2960	3420	83%	3950	4860	4100
Mill Ck ab Bassoo ck nr Niarada ^{1,2}								
	JUN-JUL	0.6	0.8	0.98	93%	1.19	1.51	1.05
	JUN-SEP	0.88	1.1	1.28	93%	1.5	1.87	1.38
Shell Ck nr Shell ^{1,2}								
	JUN-JUL	34	40	44	129%	49	57	34
	JUN-SEP	44	51	56	119%	61	70	47
Rock Ck nr Clinton ^{1,2}								
	JUN-JUL	59	75	87	70%	103	126	124
	JUN-SEP	81	103	118	75%	133	159	157
Prospect Ck at Thompson Falls ^{1,2}								
	JUN-JUL	9.4	13.6	16.6	57%	19.9	28	29
	JUN-SEP	7.9	14.6	18.1	50%	21	30	36
Little Wind R nr Riverton ^{1,2}								
	JUN-JUL	157	200	235	130%	275	350	181
	JUN-SEP	158	210	250	122%	300	390	205
Gallatin R nr Gallatin Gateway ^{1,2}								
	JUN-JUL	159	195	220	90%	245	280	245
	JUN-SEP	205	250	280	92%	310	355	305
Bitterroot R nr Missoula								
	JUN-JUL	305	370	425	69%	490	575	620
	JUN-SEP	380	450	510	72%	575	670	710
Badger Ck nr Browning								
	JUN-JUL	11.4	16.8	21	58%	26	35	36
	JUN-SEP	16.3	23	29	60%	35	46	48
Clark Fork R bl Missoula ¹								
	JUN-JUL	565	690	800	63%	910	1110	1270
	JUN-SEP	760	905	1030	67%	1170	1380	1540
Teton R nr Dutton ^{1,2}								
	JUN-JUL	0	0.84	2.9	21%	6.2	13.3	14.1
	JUN-SEP	0	1.38	4.1	25%	8.3	17.1	16.5
Flathead R at Columbia Falls ^{1,2}								
	JUN-JUL	1620	1870	2070	91%	2290	2590	2270
	JUN-SEP	1920	2200	2380	88%	2610	3000	2710
Lake Sherburne Inflow ²								
	JUN-JUL	40	45	50	96%	55	62	52
	JUN-SEP	52	59	65	98%	70	79	66
NF Shoshone R at Wapiti ^{1,2}								
	JUN-JUL	270	305	330	105%	355	395	315
	JUN-SEP	320	355	385	104%	415	455	370
Musselshell R nr Roundup ^{1,2}								
	JUN-JUL	-30	-1.81	19.2	64%	40	71	30
	JUN-SEP	-35	-5.8	15	60%	35	64	25

	JUN-JUL	2.5	3.4	4.1	93%	5	6.5	4.4
	JUN-SEP	3.1	4	4.8	91%	5.8	7.5	5.3
Bighorn R at Kane								
	JUN-JUL	480	640	755	112%	875	1060	675
	JUN-SEP	480	665	800	108%	935	1140	740
Tongue R nr Dayton ^{1,2}								
	JUN-JUL	49	56	61	127%	67	75	48
	JUN-SEP	56	65	71	115%	79	91	62
Shell Ck nr Shell ^{1,2}								
	JUN-JUL	34	40	44	129%	49	57	34
	JUN-SEP	44	51	56	119%	61	70	47
Boysen Reservoir Inflow								
	JUN-JUL	300	405	490	108%	585	755	455
	JUN-SEP	325	445	545	112%	660	855	485
Little Wind R nr Riverton ^{1,2}								
	JUN-JUL	157	200	235	130%	275	350	181
	JUN-SEP	158	210	250	122%	300	390	205
Shields R nr Livingston ^{1,2}								
	JUN-JUL	25	34	42	75%	52	70	56
	JUN-SEP	24	35	44	69%	56	76	64
Wind R Ab Bull Lake Ck ^{1,2}								
	JUN-JUL	205	280	335	96%	405	525	350
	JUN-SEP	220	290	350	97%	415	535	360
Bighorn R nr St. Xavier								
	JUN-JUL	600	855	1080	103%	1360	1880	1050
	JUN-SEP	675	950	1170	105%	1430	1870	1110
Mystic Lake Inflow ^{1,2}								
	JUN-JUL	41	44	47	98%	49	53	48
	JUN-SEP	54	59	63	97%	67	72	65
Yellowstone R at Billings ^{1,2}								
	JUN-JUL	1570	1800	1990	87%	2200	2530	2290
	JUN-SEP	1880	2160	2410	84%	2710	3130	2860
Greybull R at Meeteetse ^{1,2}								
	JUN-JUL	96	117	134	131%	152	184	102
	JUN-SEP	128	152	171	112%	191	225	153
Rock Ck nr Buffalo ^{1,2}								
	JUN-JUL	10.7	13.4	15.7	132%	18.4	23	11.9
	JUN-SEP	11.9	15	17.6	109%	21	26	16.1
Little Popo Agie R nr Lander ^{1,2}								
	JUN-JUL	24	28	31	111%	34	40	28
	JUN-SEP	31	35	38	115%	41	47	33
NF Shoshone R at Wapiti ^{1,2}								
	JUN-JUL	270	305	330	105%	355	395	315
	JUN-SEP	320	355	385	104%	415	455	370
Powder R nr Locate ^{1,2}								
	JUN-JUL	61	105	152	154%	215	360	99
	JUN-SEP	77	138	205	169%	305	545	121
Tongue River Reservoir Inflow ^{1,2}								
	JUN-JUL	103	129	148	120%	167	197	123
	JUN-SEP	111	143	167	116%	194	235	144
SF Shoshone R nr Valley ^{1,2}								
	JUN-JUL	116	135	148	93%	161	182	160
	JUN-SEP	137	156	170	88%	185	205	194
Cooney Reservoir Inflow ^{1,2}								
	JUN-JUL	11	15.4	19.1	87%	24	32	22
	JUN-SEP	17.3	22	26	81%	32	40	32
Stillwater R nr Absarokee ^{1,2}								
	JUN-JUL	275	305	330	99%	355	400	335
	JUN-SEP	320	365	395	94%	435	495	420
Yellowstone R at Yellowstone Lake Outlet ^{1,2}								
	JUN-JUL	375	420	455	97%	490	545	470
	JUN-SEP	520	585	635	93%	680	755	680

Powder R at Moorhead ^{1,2}	JUN-JUL	69	100	126	143%	158	220	88
	JUN-SEP	87	131	170	160%	215	305	106
Little Goose Ck nr Big Horn ^{1,2}	JUN-JUL	17.3	20	23	119%	26	30	19.4
	JUN-SEP	23	27	30	103%	33	38	29
Bull Lake Ck nr Lenore	JUN-JUL	88	99	108	105%	117	132	103
	JUN-SEP	112	127	137	105%	149	168	130
Piney Ck at Kearny ^{1,2}	JUN-JUL	19.9	27	34	131%	41	54	26
	JUN-SEP	23	31	39	126%	47	62	31
Boulder R at Big Timber	JUN-JUL	173	196	215	100%	235	260	215
	JUN-SEP	186	210	235	98%	260	295	240
Little Bighorn R nr Hardin ^{1,2}	JUN-JUL	44	63	79	144%	99	137	55
	JUN-SEP	51	74	93	137%	116	156	68

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