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Streamflow Forecast Summary: June 1, 2008
(averages based on 1981-2010 reference period)

		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
KOOTENAI RIVER BASIN in MONTANA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tobacco R nr Eureka	JUN-JUL	51	63	72	116%	81	93	62
	JUN-SEP	62	77	88	116%	99	114	76
Libby Reservoir Inflow ¹	JUN-JUL	2750	3220	3440	100%	3660	4130	3440
	JUN-SEP	3500	4150	4440	100%	4730	5380	4440
Fisher R nr Libby	JUN-JUL	77	90	99	146%	108	121	68
	JUN-SEP	99	113	123	146%	133	147	84
Yaak R nr Troy	JUN-JUL	102	127	144	100%	161	186	144
	JUN-SEP	121	148	166	100%	184	210	166
Kootenai R at Leonia ^{1,2}	JUN-JUL	3250	3790	4040	103%	4290	4830	3920
	JUN-SEP	4140	4850	5170	103%	5490	6200	5000

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3) Median value used in place of average

		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
FLATHEAD RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
NF Flathead R nr Columbia Falls	JUN-JUL	735	845	920	111%	995	1110	830
	JUN-SEP	895	1020	1100	110%	1180	1300	1000
MF Flathead R nr West Glacier	JUN-JUL	900	995	1060	128%	1120	1220	825
	JUN-SEP	1010	1110	1180	121%	1250	1350	975
Sf Flathead R nr Hungry Horse								
Hungry Horse Reservoir Inflow ^{1,2}	JUN-JUL	780	940	1010	105%	1080	1240	960
	JUN-SEP	925	1070	1140	105%	1210	1350	1090
Flathead R at Columbia Falls ²	JUN-JUL	2530	2830	3030	113%	3230	3530	2690
	JUN-SEP	3080	3350	3530	112%	3710	3980	3160
Ashley Ck nr Marion ²	JUN-JUL	0.83	1.82	2.5	155%	3.2	4.2	1.61
Swan R nr Bigfork	JUN-JUL	270	300	320	105%	340	370	305
	JUN-SEP	345	380	405	105%	430	465	385
Flathead Lake Inflow ^{1,2}	JUN-JUL	3310	3450	3510	113%	3570	3710	3100
	JUN-SEP	3800	3990	4070	112%	4150	4340	3620
Mill Ck ab Bassoo ck nr Niarada								
South Crow Ck nr Ronan								
Mission Ck nr St. Ignatius								
SF Jocko R nr Arlee								
NF Jocko R bl Tabor Feeder Canal								

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

UPPER CLARK FORK RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Blackfoot nr Garrison	JUN-JUL	14.5	24	30	94%	36	45	32
	JUN-SEP	18.6	30	37	95%	44	55	39
Flint Ck nr Southern Cross	JUN-JUL	4.7	6.6	7.8	101%	9	10.9	7.7
	JUN-SEP	3.3	7.5	10.3	101%	13.1	17.3	10.2
Flint Ck bl Boulder Ck	JUN-JUL	22	30	35	106%	40	48	33
	JUN-SEP	34	44	51	106%	58	68	48
Lower Willow Ck Reservoir Inflow ²	JUN-JUL	1.19	2.9	4.1	95%	5.3	7	4.3
	JUN-SEP	1.77	3.7	5	94%	6.3	8.2	5.3
MF Rock Ck nr Philipsburg	JUN-JUL	31	37	41	105%	45	51	39
	JUN-SEP	36	44	49	104%	54	62	47
Rock Ck nr Clinton	JUN-JUL	87	128	155	105%	182	225	148
	JUN-SEP	115	161	192	105%	225	270	183
Clark Fork R ab Milltown	JUN-JUL	220	285	325	103%	365	430	315
	JUN-SEP	305	375	425	104%	475	545	410
Nevada Ck nr Helmville	JUN-JUL	3.2	5.2	6.6	94%	8	10	7
	JUN-SEP	4.1	6.4	8	94%	9.6	11.9	8.5
Blackfoot R nr Bonner	JUN-JUL	250	320	365	96%	410	480	380
	JUN-SEP	325	395	445	95%	495	565	470
Clark Fork R ab Missoula	JUN-JUL	590	650	690	99%	730	790	695
	JUN-SEP	775	835	875	99%	915	975	880

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

BITTERROOT RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
WF Bitterroot R Nr Conner ²	JUN-JUL	63	75	84	122%	93	105	69
	JUN-SEP	76	90	100	122%	110	124	82
Bitterroot R Nr Darby	JUN-JUL	225	260	285	119%	310	345	240
	JUN-SEP	275	320	350	119%	380	425	295
Como Reservoir Inflow ²	JUN-JUL	38	46	52	130%	58	66	40
	JUN-SEP	42	51	57	130%	63	72	44
Bitterroot R nr Missoula	JUN-JUL	735	810	860	125%	910	985	690
	JUN-SEP	880	950	1000	125%	1050	1120	800

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
LOWER CLARK FORK RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Clark Fork R bl Missoula	JUN-JUL	1400	1490	1550	112%	1610	1700	1380
	JUN-SEP	1720	1820	1880	112%	1940	2040	1680
Clark Fork R at St. Regis ¹	JUN-JUL	1960	2020	2040	115%	2060	2120	1770
	JUN-SEP	2370	2430	2460	114%	2490	2550	2160
Clark Fork R nr Plains ^{1,2}	JUN-JUL	5450	5670	5770	113%	5870	6090	5100
	JUN-SEP	6470	6720	6830	112%	6940	7190	6090
Thompson nr Thompson Falls	JUN-JUL	93	104	111	135%	118	129	82
	JUN-SEP	126	138	146	135%	154	166	108
Prospect Ck at Thompson Falls	JUN-JUL	52	57	61	149%	65	70	41
	JUN-SEP	66	71	75	150%	79	84	50
Clark Fork R at Whitehorse Rapids ^{1,2}	JUN-JUL	6130	6320	6410	114%	6500	6690	5620
	JUN-SEP	7250	7540	7670	114%	7800	8090	6750

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JEFFERSON RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lima Reservoir Inflow ²	JUN-JUL	23	33	43	110%	55	81	39
	JUN-SEP	26	39	52	111%	69	105	47
Clark Canyon Inflow ²	JUN-JUL	22	37	54	106%	78	135	51
	JUN-SEP	33	55	77	101%	108	178	76
Beaverhead R at Barretts ²	JUN-JUL	29	41	73	103%	105	152	71
	JUN-SEP	41	67	103	100%	139	192	103
Ruby R Reservoir Inflow ²	JUN-JUL	36	46	52	113%	58	68	46
	JUN-SEP	50	61	69	111%	77	88	62
Big Hole R at Wisdom	JUN-JUL	22	46	62	115%	78	102	54
	JUN-SEP	27	53	71	113%	89	115	63
Big Hole R nr Melrose	JUN-JUL	285	340	375	115%	410	465	325
	JUN-SEP	320	380	425	112%	470	530	380
Jefferson R nr Twin Bridges ²	JUN-JUL	300	390	455	117%	520	610	390
	JUN-SEP	335	450	525	113%	600	715	465
Boulder R nr Boulder	JUN-JUL	8	23	33	92%	43	58	36
	JUN-SEP	10.1	27	39	91%	51	68	43
Willow Ck Reservoir Inflow ²	JUN-JUL	7.4	12.8	16.4	152%	20	25	10.8
	JUN-SEP	7.7	14.4	18.9	144%	23	30	13.1

Jefferson R nr Three Forks²

JUN-JUL	335	410	465	126%	520	595	370
JUN-SEP	375	485	560	124%	635	745	450

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

MADISON RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Hebgen Reservoir Inflow ²	JUN-JUL	225	250	265	133%	280	305	200
	JUN-SEP	335	370	395	127%	420	455	310
Ennis Reservoir Inflow ²	JUN-JUL	370	415	445	119%	475	520	375
	JUN-SEP	520	580	625	116%	670	730	540

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Chance that actual volume will exceed forecast

GALLATIN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gallatin R nr Gateway	JUN-JUL	280	315	340	119%	365	400	285
	JUN-SEP	335	385	420	117%	455	505	360
Hyalite Reservoir Inflow ²	JUN-JUL	16.8	19.9	22	148%	24	27	14.9
	JUN-SEP	20	24	26	144%	28	32	18
Gallatin R at Logan	JUN-JUL	290	325	350	125%	375	410	280
	JUN-SEP	365	415	445	124%	475	525	360

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Chance that actual volume will exceed forecast

SMITH-JUDITH-MUSSELSHELL	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Sheep Ck nr White Sulphur Springs	JUN-JUL	8.3	10.6	12.2	134%	13.8	16.1	9.1
	JUN-SEP	10.4	13.4	15.4	127%	17.4	20	12.1
Smith R bl Eagle Ck ²	JUN-JUL	67	81	90	120%	99	113	75
	JUN-SEP	49	81	102	112%	123	155	91
NF Musselshell R nr Delpine	JUN-JUL	1.33	2.4	3.2	139%	4	5.1	2.3
	JUN-SEP	1.94	3.3	4.3	134%	5.3	6.7	3.2
SF Musselshell R ab Martinsdale	JUN-JUL	9.8	22	30	120%	38	50	25
	JUN-SEP	12.2	25	34	117%	43	56	29
Musselshell R at Harlowton ²	JUN-JUL	34	45	53	143%	61	72	37
	JUN-SEP	36	48	57	139%	66	78	41

Musselshell R nr Roundup²

JUN-JUL	24	49	66	140%	83	108	47
JUN-SEP	27	52	69	138%	86	111	50

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SUN-TETON-MARIAS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gibson Reservoir Inflow	JUN-JUL	230	265	290	114%	315	350	255
	JUN-SEP	275	315	340	111%	365	405	305
Two Medicine R nr Browning ²	JUN-JUL	93	107	116	122%	125	139	95
	JUN-SEP	100	116	127	119%	138	154	107
Badger Ck nr Browning	JUN-JUL	59	67	72	136%	77	85	53
	JUN-SEP	74	83	90	130%	97	106	69
Swift Reservoir Inflow ²	JUN-JUL	34	40	44	126%	48	54	35
	JUN-SEP	44	52	57	121%	62	70	47
Dupuyer Ck nr Valier	JUN-JUL	1.9	5.6	8.2	126%	10.8	14.5	6.5
	JUN-SEP	2.3	6.8	9.8	118%	12.8	17.3	8.3
Cut Bank Ck nr Browning	JUN-JUL	38	46	51	121%	56	64	42
	JUN-SEP	44	52	58	118%	64	72	49
Marias R nr Shelby ²	JUN-JUL	89	153	196	107%	240	305	183
	JUN-SEP	123	184	225	107%	265	325	210
Teton R nr Dutton	JUN-JUL	11.2	27	37	137%	47	63	27
	JUN-SEP	20	36	47	134%	58	74	35

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ST. MARY & MILK BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lake Sherburne Inflow	JUN-JUL	41	56	66	108%	76	91	61
	JUN-SEP	55	72	83	106%	94	111	78
St. Mary R nr Babb ²	JUN-JUL	174	230	270	108%	310	365	250
	JUN-SEP	230	295	340	108%	385	450	315
St. Mary R at Intl Boundary ²	JUN-JUL	190	260	310	117%	360	430	265
	JUN-SEP	250	335	390	113%	445	530	345
Milk R at Western Crossing of Intl Bndry, AB	JUN-JUL	5.4	7.7	13.6	143%	19.5	28	9.5
	JUN-SEP	6.6	9.4	16.5	146%	24	34	11.3
Milk R at Eastern Crossing of Intl Bndry	JUN-JUL	17.4	24	29	149%	34	41	19.5
	JUN-SEP	12.2	27	37	128%	47	62	28.9

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MISSOURI MAINSTEM BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Missouri R at Toston ²	JUN-JUL	1200	1260	1300	119%	1340	1400	1090
	JUN-SEP	1570	1640	1690	119%	1740	1810	1420
Dearborn R nr Craig	JUN-JUL	24	48	65	103%	82	106	63
	JUN-SEP	27	54	72	107%	90	117	67
Missouri R at Fort Benton ²	JUN-JUL	1650	1800	1910	121%	2020	2170	1580
	JUN-SEP	2260	2470	2620	121%	2770	2980	2170
Missouri R nr Virgelle ²	JUN-JUL	1640	2000	2240	123%	2480	2840	1820
	JUN-SEP	2210	2670	2990	123%	3310	3780	2430
Missouri R nr Landusky ²	JUN-JUL	1720	2100	2360	121%	2620	3000	1950
	JUN-SEP	2300	2820	3170	121%	3520	4030	2610
Missouri R bl Fort Peck Dam ²	JUN-JUL	1770	2130	2370	121%	2610	2970	1960
	JUN-SEP	2300	2770	3090	121%	3410	3870	2550
Lake Sakakawea Inflow ²	JUN-JUL	5410	6540	7310	126%	8080	9210	5800
	JUN-SEP	7070	8140	9100	126%	10100	11100	7240

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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	545	610	655	135%	700	765	485
	JUN-SEP	805	875	925	133%	975	1040	695
Yellowstone R at Corwin Springs	JUN-JUL	1180	1320	1420	125%	1520	1660	1140
	JUN-SEP	1510	1680	1800	123%	1920	2090	1460
Yellowstone R at Livingston	JUN-JUL	1350	1530	1660	127%	1790	1970	1310
	JUN-SEP	1700	1940	2110	124%	2280	2520	1700
Shields R nr Livingston	JUN-JUL	52	83	104	151%	125	156	69
	JUN-SEP	61	100	126	147%	152	191	86
Boulder R at Big Timber	JUN-JUL	166	210	240	117%	270	315	205
	JUN-SEP	182	230	265	115%	300	350	230
Mystic Lake Inflow ²	JUN-JUL	42	50	55	115%	60	68	48
	JUN-SEP	56	66	73	111%	80	90	66
Stillwater R nr Absarokee ²	JUN-JUL	345	385	410	112%	435	475	365
	JUN-SEP	420	475	510	111%	545	600	460
Clarks Fk Yellowstone R nr Belfry	JUN-JUL	335	430	495	127%	560	655	390

Cooney Reservoir Inflow	JUN-SEP	370	480	555	125%	630	740	445
Yellowstone R at Billings	JUN-JUL	2280	2650	2900	122%	3150	3520	2380
	JUN-SEP	3230	3340	3660	122%	3980	4090	2990

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LOWER YELLOWSTONE RIVER BASIN (Wyoming)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Bighorn R nr St. Xavier ²	JUN-JUL	1010	1180	1300	119%	1420	1590	1090
	JUN-SEP	1170	1350	1480	119%	1610	1780	1240
Little Bighorn R nr Hardin	JUN-JUL	53	67	76	113%	85	99	67
	JUN-SEP	71	83	95	114%	107	119	83
Tongue R nr Dayton ²	JUN-JUL	63	74	81	140%	88	99	58
	JUN-SEP	75	88	96	135%	104	117	71
Big Goose Ck nr Sheridan	JUN-JUL	47	56	62	177%	68	77	35
	JUN-SEP	55	65	71	161%	77	87	44
Little Goose Ck nr Bighorn	JUN-JUL	25	29	31	148%	33	37	21
	JUN-SEP	32	37	40	138%	43	48	29
Tongue River Reservoir Inflow ²	JUN-JUL	136	165	185	147%	205	235	126
	JUN-SEP	155	191	215	141%	240	275	153
Yellowstone R at Miles City ²	JUN-JUL	3310	3870	4250	118%	4630	5190	3600
	JUN-SEP	4750	4800	5270	118%	5740	5800	4450
Powder R at Moorehead	JUN-JUL	101	140	225	214%	192	230	105
	JUN-SEP	120	160	245	191%	215	255	128
Powder R nr Locate	JUN-JUL	235	255	260	224%	275	295	116
	JUN-SEP	250	270	285	202%	300	325	141
Yellowstone R nr Sidney ²	JUN-JUL	3930	4500	4890	134%	5280	5850	3650
	JUN-SEP	5270	5510	5980	134%	6450	6680	4460

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