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Streamflow Forecast Summary: May 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								
	MAY-JUL	108	126	138	125%	150	168	110
	MAY-SEP	120	141	155	125%	169	190	124
Libby Reservoir Inflow ¹								
	MAY-JUL	4330	4890	5140	100%	5390	5950	5120
	MAY-SEP	5100	5780	6090	100%	6400	7080	6120
Fisher R nr Libby								
	MAY-JUL	215	235	250	161%	265	285	155
	MAY-SEP	230	255	270	159%	285	310	170
Yaak R nr Troy								
	MAY-JUL	350	390	420	120%	450	490	350
	MAY-SEP	375	415	445	120%	475	515	370
Kootenai R at Leonia ^{1,2}								
	MAY-JUL	5770	6320	6570	106%	6820	7370	6170
	MAY-SEP	6720	7360	7650	106%	7940	8580	7250

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		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								
	MAY-JUL	1330	1450	1530	108%	1610	1730	1420
	MAY-SEP	1510	1630	1720	108%	1810	1930	1600
MF Flathead R nr West Glacier								
	MAY-JUL	1300	1400	1470	106%	1540	1640	1390
	MAY-SEP	1440	1550	1620	105%	1690	1800	1540
Sf Flathead R nr Hungry Horse								
Hungry Horse Reservoir Inflow ^{1,2}								
	MAY-JUL	1590	1710	1770	104%	1830	1950	1710
	MAY-SEP	1690	1830	1900	103%	1970	2110	1840
Flathead R at Columbia Falls ²								
	MAY-JUL	4460	4730	4920	106%	5110	5380	4630
	MAY-SEP	4870	5180	5390	105%	5600	5910	5110
Ashley Ck nr Marion ²								
	MAY	2.2	3.3	4	143%	4.7	5.8	2.8
	MAY-JUL	3.3	5.2	6.4	142%	7.6	9.5	4.5
Swan R nr Bigfork								
	MAY-JUL	420	455	480	102%	505	540	470
	MAY-SEP	490	530	560	102%	590	630	550
Flathead Lake Inflow ^{1,2}								
	MAY-JUL	5370	5590	5690	107%	5790	6010	5320
	MAY-SEP	5810	6070	6190	106%	6310	6570	5840
Mill Ck ab Bassoo ck nr Niarada								
South Crow Ck nr Ronan								
Mission Ck nr St. Ignatius								
SF Jocko R nr Arlee								

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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	MAY-JUL	25	44	57	90%	70	89	63
	MAY-SEP	29	49	63	90%	77	97	70
Flint Ck nr Southern Cross	MAY-JUL	7.1	10.1	12.2	104%	14.3	17.3	11.7
	MAY-SEP	7	11.6	14.8	104%	18	23	14.2
Flint Ck bl Boulder Ck	MAY-JUL	32	43	50	104%	57	68	48
	MAY-SEP	45	57	66	105%	75	87	63
Lower Willow Ck Reservoir Inflow ²	MAY	3.6	5.2	6.2	105%	7.2	8.8	5.9
	MAY-JUL	5.9	8.8	10.7	105%	12.6	15.5	10.2
MF Rock Ck nr Philipsburg	MAY-JUL	58	65	70	119%	75	82	59
	MAY-SEP	66	74	79	118%	84	92	67
Rock Ck nr Clinton	MAY-JUL	250	280	300	125%	320	350	240
	MAY-SEP	290	325	345	125%	365	400	275
Clark Fork R ab Milltown	MAY-JUL	470	560	620	122%	680	770	510
	MAY-SEP	570	670	735	120%	800	900	610
Nevada Ck nr Helmville	MAY	4	5.8	7	101%	8.2	10	6.9
	MAY-JUL	8.5	11.9	14.2	102%	16.5	19.9	13.9
Blackfoot R nr Bonner	MAY-JUL	605	670	715	106%	760	825	675
	MAY-SEP	690	760	810	106%	860	930	765
Clark Fork R ab Missoula	MAY-JUL	1230	1300	1350	113%	1400	1470	1190
	MAY-SEP	1420	1500	1560	114%	1620	1700	1370

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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	MAY-JUL	128	145	156	125%	167	184	125
	MAY-SEP	139	159	172	125%	185	205	138
Bitterroot R Nr Darby	MAY-JUL	370	415	450	111%	485	530	405
	MAY-SEP	425	475	505	110%	535	585	460
Como Reservoir Inflow ²	MAY-JUL	63	71	76	115%	81	89	66
	MAY-SEP	67	75	80	114%	85	93	70
Bitterroot R nr Missoula	MAY-JUL	1060	1180	1260	115%	1340	1460	1100
	MAY-SEP	1160	1290	1380	114%	1470	1600	1210

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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	MAY-JUL	2180	2440	2620	114%	2800	3060	2290
	MAY-SEP	2480	2760	2950	114%	3140	3420	2580
Clark Fork R at St. Regis ¹	MAY-JUL	3320	3430	3480	117%	3530	3640	2980
	MAY-SEP	3720	3820	3860	115%	3900	4000	3370
Clark Fork R nr Plains ^{1,2}	MAY-JUL	9160	9390	9500	110%	9610	9840	8630
	MAY-SEP	9980	10300	10400	108%	10500	10800	9610
Thompson nr Thompson Falls	MAY-JUL	220	250	270	170%	290	320	159
	MAY-SEP	265	295	315	170%	335	365	185
Prospect Ck at Thompson Falls	MAY-JUL	113	123	130	149%	137	147	87
	MAY-SEP	126	137	144	150%	151	162	96
Clark Fork R at Whitehorse Rapids ^{1,2}	MAY-JUL	10200	10800	11000	115%	11200	11800	9590
	MAY-SEP	11600	12000	12200	114%	12400	12800	10700

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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	MAY-JUL	35	53	70	100%	92	138	70
	MAY-SEP	39	59	78	100%	103	156	78
Clark Canyon Inflow ²	MAY-JUL	35	64	97	108%	146	265	90
	MAY-SEP	53	88	125	108%	177	295	116
Beaverhead R at Barretts ²	MAY-JUL	21	79	118	98%	157	215	120
	MAY-SEP	35	104	150	98%	196	265	153
Ruby R Reservoir Inflow ²	MAY-JUL	44	61	73	99%	85	102	74
	MAY-SEP	56	76	89	98%	102	122	91
Big Hole R at Wisdom	MAY-JUL	38	72	95	100%	118	152	95
	MAY-SEP	46	81	104	100%	127	162	104
Big Hole R nr Melrose	MAY-JUL	430	510	565	109%	620	700	520
	MAY-SEP	485	570	625	109%	680	765	575
Jefferson R nr Twin Bridges ²	MAY-JUL	455	590	680	107%	770	905	635
	MAY-SEP	505	660	760	107%	860	1010	710
Boulder R nr Boulder	MAY-JUL	23	46	62	91%	78	101	68
	MAY-SEP	24	50	67	89%	84	110	75
Willow Ck Reservoir Inflow ²								

	MAY-JUL	5.6	11.5	15.4	101%	19.3	25	15.2
	MAY-SEP	6.1	13	17.7	101%	22	29	17.5
Jefferson R nr Three Forks ²								
	MAY-JUL	295	475	595	99%	715	895	600
	MAY-SEP	350	545	675	99%	805	1000	680

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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								
	MAY-JUL	340	370	395	120%	420	450	330
	MAY-SEP	455	495	520	118%	545	585	440
Ennis Reservoir Inflow ²								
	MAY-JUL	605	650	685	118%	720	765	580
	MAY-SEP	780	840	880	117%	920	980	750

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Forecast Exceedance Probabilities for Risk Assessment
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								
	MAY-JUL	390	420	445	110%	470	500	405
	MAY-SEP	460	500	530	110%	560	600	480
Hyalite Reservoir Inflow ²								
	MAY-JUL	18.1	20	22	110%	24	26	20
	MAY-SEP	21	23	25	109%	27	29	23
Gallatin R at Logan								
	MAY-JUL	395	445	480	113%	515	565	425
	MAY-SEP	470	530	570	113%	610	670	505

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Forecast Exceedance Probabilities for Risk Assessment
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								
	MAY-JUL	10.3	12.7	14.3	95%	15.9	18.3	15.1
	MAY-SEP	12.4	15.2	17.2	95%	19.2	22	18.1
Smith R bl Eagle Ck ²								
	MAY-JUL	50	79	99	87%	119	148	114
	MAY-SEP	51	88	113	87%	138	175	130
NF Musselshell R nr Delpine								
	MAY-JUL	0.8	1.55	2.4	65%	3.2	4.5	3.7
	MAY-SEP	1	1.99	3	65%	4	5.5	4.6
SF Musselshell R ab Martinsdale								
	MAY-JUL	7.7	18.9	32	70%	45	64	46
	MAY-SEP	7.9	20	34	68%	48	68	50
Musselshell R at Harlowton ²								

Musselshell R nr Roundup ²	MAY-JUL	10	27	39	60%	51	68	65
	MAY-SEP	8.7	27	40	58%	53	71	69
	MAY-JUL	4.7	23	35	44%	47	65	80
	MAY-SEP	2.5	21	34	41%	47	66	82

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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	MAY-JUL	325	380	415	100%	450	505	415
	MAY-SEP	375	430	470	101%	510	565	465
Two Medicine R nr Browning ²	MAY-JUL	136	174	200	115%	225	265	174
	MAY-SEP	151	189	215	115%	240	280	187
Badger Ck nr Browning	MAY-JUL	71	90	103	117%	116	135	88
	MAY-SEP	86	106	120	115%	134	154	104
Swift Reservoir Inflow ²	MAY-JUL	43	58	68	119%	78	93	57
	MAY-SEP	54	70	81	117%	92	108	69
Dupuyer Ck nr Valier	MAY-JUL	1.6	6.8	12.8	110%	18.8	28	11.6
	MAY-SEP	2.3	8.2	14.6	110%	21	30	13.3
Cut Bank Ck nr Browning	MAY-JUL	56	67	76	110%	85	99	69
	MAY-SEP	61	74	84	111%	94	110	76
Marias R nr Shelby ²	MAY-JUL	295	360	405	117%	450	515	345
	MAY-SEP	325	390	435	118%	480	545	370
Teton R nr Dutton	MAY-JUL	10.4	30	43	102%	56	76	42
	MAY-SEP	19.1	38	51	102%	64	83	50

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

ST. MARY & MILK BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lake Sherburne Inflow	MAY-JUL	87	95	101	107%	107	115	94
	MAY-SEP	97	107	113	101%	119	129	112
St. Mary R nr Babb ²	MAY-JUL	320	355	375	106%	395	430	355
	MAY-SEP	385	425	450	106%	475	515	425
St. Mary R at Intl Boundary ²	MAY-JUL	355	400	430	108%	460	505	400
	MAY-SEP	425	475	510	107%	545	595	475
Milk R at Western Crossing of Intl Bndry, AB	MAY-JUL	4	11.6	18.3	92%	22	25	20
	MAY-SEP	5.3	14.4	22	96%	26	29	23
Milk R at Eastern Crossing of Intl Bndry	MAY-JUL	8.4	25	33	79%	40	46	42

MAY-SEP	10.3	33	40	82%	47	54	49
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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

MISSOURI MAINSTEM BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Missouri R at Toston ²	MAY-JUL	1380	1710	1940	114%	2170	2500	1700
	MAY-SEP	1660	2060	2330	114%	2600	3000	2040
Dearborn R nr Craig	MAY-JUL	46	82	106	100%	130	166	106
	MAY-SEP	52	89	115	105%	141	178	110
Missouri R at Fort Benton ²	MAY-JUL	2080	2570	2900	116%	3230	3720	2500
	MAY-SEP	2550	3150	3560	116%	3970	4560	3080
Missouri R nr Virgelle ²	MAY-JUL	2430	3000	3380	117%	3760	4330	2890
	MAY-SEP	2950	3640	4100	117%	4560	5250	3500
Missouri R nr Landusky ²	MAY-JUL	2410	3010	3420	111%	3830	4430	3080
	MAY-SEP	2850	3650	4150	111%	4650	5440	3750
Missouri R bl Fort Peck Dam ²	MAY-JUL	2590	3190	3600	117%	4010	4610	3080
	MAY-SEP	3090	3800	4290	117%	4780	5500	3670
Lake Sakakawea Inflow ²	MAY-JUL	5880	7510	8620	103%	9730	11400	8370
	MAY-SEP	7800	9300	10600	108%	11900	13400	9810

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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	MAY-JUL	570	625	660	119%	695	750	555
	MAY-SEP	825	880	915	119%	950	1010	770
Yellowstone R at Corwin Springs	MAY-JUL	1590	1720	1800	116%	1880	2010	1550
	MAY-SEP	1930	2070	2170	116%	2270	2410	1870
Yellowstone R at Livingston	MAY-JUL	1860	1970	2050	116%	2130	2240	1770
	MAY-SEP	2260	2400	2490	116%	2580	2720	2150
Shields R nr Livingston	MAY-JUL	42	83	111	92%	139	180	121
	MAY-SEP	46	94	127	92%	160	210	138
Boulder R at Big Timber	MAY-JUL	230	260	280	102%	300	330	275
	MAY-SEP	250	285	305	102%	325	360	300
Mystic Lake Inflow ²	MAY-JUL	50	56	60	105%	64	70	57
	MAY-SEP	67	73	78	105%	83	89	74
Stillwater R nr Absarokee ²	MAY-JUL	360	415	450	96%	485	540	470
	MAY-SEP	445	500	540	96%	580	635	560

Clarks Fk Yellowstone R nr Belfry	MAY-JUL	505	555	585	114%	615	665	515
	MAY-SEP	565	615	650	114%	685	735	570
Cooney Reservoir Inflow								
Yellowstone R at Billings	MAY-JUL	2690	3200	3540	109%	3880	4390	3250
	MAY-SEP	3200	3800	4210	109%	4620	5220	3850

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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	MAY-JUL	955	1180	1340	91%	1500	1730	1470
	MAY-SEP	1070	1320	1490	91%	1660	1930	1630
Little Bighorn R nr Hardin	MAY-JUL	59	86	104	95%	122	149	110
	MAY-SEP	83	100	120	95%	140	157	126
Tongue R nr Dayton ²	MAY-JUL	70	85	95	106%	105	120	90
	MAY-SEP	82	98	109	106%	120	136	103
Big Goose Ck nr Sheridan	MAY-JUL	29	42	50	102%	58	71	49
	MAY-SEP	38	50	59	102%	68	80	58
Little Goose Ck nr Bighorn	MAY-JUL	24	29	33	103%	37	42	32
	MAY-SEP	31	37	41	103%	45	51	40
Tongue River Reservoir Inflow ²	MAY-JUL	128	177	210	106%	245	290	199
	MAY-SEP	147	199	235	104%	270	325	225
Yellowstone R at Miles City ²	MAY-JUL	3760	4520	5040	103%	5560	6320	4890
	MAY-SEP	4390	5280	5890	103%	6500	7390	5740
Powder R at Moorehead	MAY-JUL	93	155	197	111%	240	300	178
	MAY-SEP	114	177	220	110%	265	325	200
Powder R nr Locate	MAY-JUL	159	189	210	108%	230	260	195
	MAY-SEP	180	215	240	109%	265	300	220
Yellowstone R nr Sidney ²	MAY-JUL	3950	4730	5250	106%	5770	6550	4950
	MAY-SEP	4570	5470	6080	106%	6690	7590	5760

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