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Streamflow Forecast Summary: March 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	APR-JUL	112	132	146	107%	160	180	136
	APR-SEP	123	145	160	107%	175	197	150
Libby Reservoir Inflow ¹	APR-JUL	4680	5330	5630	100%	5930	6580	5640
	APR-SEP	5530	6280	6620	100%	6960	7710	6640
Fisher R nr Libby	APR-JUL	173	220	250	109%	280	325	230
	APR-SEP	185	235	265	108%	295	345	245
Yaak R nr Troy	APR-JUL	410	460	495	106%	530	580	465
	APR-SEP	430	485	520	106%	555	610	490
Kootenai R at Leonia ^{1,2}	APR-JUL	6190	6920	7250	103%	7580	8310	7040
	APR-SEP	7080	7960	8360	103%	8760	9640	8120

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3) Median value used in place of average

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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	APR-JUL	1500	1640	1730	107%	1820	1960	1620
	APR-SEP	1690	1830	1930	107%	2030	2170	1800
MF Flathead R nr West Glacier	APR-JUL	1340	1490	1600	101%	1710	1860	1590
	APR-SEP	1500	1650	1750	101%	1850	2000	1740
Sf Flathead R nr Hungry Horse								
Hungry Horse Reservoir Inflow ^{1,2}	APR-JUL	1590	1820	1920	96%	2020	2250	2000
	APR-SEP	1680	1930	2040	96%	2150	2400	2120
Flathead R at Columbia Falls ²	APR-JUL	4720	5110	5380	101%	5650	6040	5350
	APR-SEP	5130	5560	5850	101%	6140	6570	5820
Ashley Ck nr Marion ²	MAR			0.8	75%			1.06
	APR-JUL	4.6	6.4	7.6	106%	8.8	10.6	7.2
Swan R nr Bigfork	APR-JUL	400	465	510	90%	555	620	565
	APR-SEP	460	530	580	90%	630	700	645
Flathead Lake Inflow ^{1,2}	APR-JUL	5940	6120	6200	100%	6280	6460	6180
	APR-SEP	6190	6560	6730	100%	6900	7270	6700
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	APR-JUL	25	48	63	83%	78	101	76
	APR-SEP	30	54	70	83%	86	110	84
Flint Ck nr Southern Cross	APR-JUL	7.4	10.7	13	95%	15.3	18.6	13.7
	APR-SEP	7.7	12.8	16.2	100%	19.6	25	16.2
Flint Ck bl Boulder Ck	APR-JUL	33	46	55	98%	64	77	56
	APR-SEP	44	60	70	99%	80	96	71
Lower Willow Ck Reservoir Inflow ²	APR-MAY	4.2	6.6	8.2	100%	9.8	12.2	8.2
	APR-JUL	5.8	9.8	12.5	100%	15.2	19.2	12.5
MF Rock Ck nr Philipsburg	APR-JUL	47	57	64	100%	71	81	64
	APR-SEP	54	65	72	100%	79	90	72
Rock Ck nr Clinton	APR-JUL	187	235	270	100%	305	355	270
	APR-SEP	215	270	305	100%	340	395	305
Clark Fork R ab Milltown	APR-JUL	430	525	590	98%	655	750	605
	APR-SEP	515	620	690	98%	760	865	705
Nevada Ck nr Helmville	APR-MAY	5.6	8.1	9.8	95%	11.5	14	10.3
	APR-JUL	9.6	13.6	16.4	95%	19.2	23	17.3
Blackfoot R nr Bonner	APR-JUL	550	670	750	93%	830	950	805
	APR-SEP	620	750	835	94%	920	1050	890
Clark Fork R ab Missoula	APR-JUL	1110	1250	1350	96%	1450	1590	1410
	APR-SEP	1260	1420	1530	96%	1640	1800	1600

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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	APR-JUL	112	135	150	105%	165	188	143
	APR-SEP	122	148	165	105%	182	210	157
Bitterroot R Nr Darby	APR-JUL	365	435	480	104%	525	595	460
	APR-SEP	420	490	535	104%	580	650	515
Como Reservoir Inflow ²	APR-JUL	66	73	78	100%	83	90	78
	APR-SEP	70	77	82	100%	87	94	82
Bitterroot R nr Missoula	APR-JUL	1190	1290	1360	109%	1430	1530	1250
	APR-SEP	1290	1400	1480	108%	1560	1670	1370

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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	APR-JUL	2520	2630	2710	102%	2790	2900	2660
	APR-SEP	2800	2920	3010	102%	3100	3220	2960
Clark Fork R at St. Regis ¹	APR-JUL	3480	3600	3650	104%	3700	3820	3520
	APR-SEP	3860	3980	4040	103%	4100	4220	3910
Clark Fork R nr Plains ^{1,2}	APR-JUL	9680	9970	10100	100%	10200	10500	10100
	APR-SEP	10600	11000	11100	100%	11200	11600	11100
Thompson nr Thompson Falls	APR-JUL	148	188	215	105%	240	280	205
	APR-SEP	170	210	240	104%	270	310	230
Prospect Ck at Thompson Falls	APR-JUL	92	109	121	104%	133	150	116
	APR-SEP	99	117	129	104%	141	159	124
Clark Fork R at Whitehorse Rapids ^{1,2}	APR-JUL	10700	11100	11300	100%	11500	11900	11300
	APR-SEP	11600	12200	12400	99%	12600	13200	12500

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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	APR-JUL	59	84	101	105%	118	143	96
	APR-SEP	59	89	109	105%	129	159	104
Clark Canyon Inflow ²	APR-JUL	52	98	138	105%	184	265	131
	APR-SEP	62	115	161	103%	215	305	156
Beaverhead R at Barretts ²	APR-JUL	64	131	176	105%	220	290	168
	APR-SEP	74	152	205	103%	260	335	200
Ruby R Reservoir Inflow ²	APR-JUL	47	62	73	87%	85	105	84
	APR-SEP	57	74	87	86%	101	123	101
Big Hole R at Wisdom	APR-JUL	54	89	117	97%	149	205	121
	APR-SEP	57	94	125	96%	160	220	130
Big Hole R nr Melrose	APR-JUL	415	530	615	101%	710	855	610
	APR-SEP	445	570	665	101%	765	925	660
Jefferson R nr Twin Bridges ²	APR-JUL	435	650	800	102%	950	1160	785
	APR-SEP	480	725	890	101%	1060	1300	880
Boulder R nr Boulder	APR-JUL	32	48	59	76%	70	86	78
	APR-SEP	35	52	64	75%	76	93	85
Willow Ck Reservoir Inflow ²	APR-JUL	1.18	10	15.9	89%	22	31	17.9

Jefferson R nr Three Forks ²	APR-SEP	5.3	12.8	17.8	89%	23	30	20
	APR-JUL	330	575	740	95%	905	1150	780
	APR-SEP	380	665	855	99%	1050	1330	860

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MADISON RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Hebgen Reservoir Inflow ²	APR-JUL	360	405	435	112%	465	515	390
	APR-SEP	460	510	550	110%	590	650	500
Ennis Reservoir Inflow ²	APR-JUL	615	700	760	112%	820	905	680
	APR-SEP	755	865	940	111%	1010	1120	850

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GALLATIN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gallatin R nr Gateway	APR-JUL	375	435	475	108%	515	575	440
	APR-SEP	435	505	550	107%	595	665	515
Hyalite Reservoir Inflow ²	APR-JUL	18.5	21	23	105%	25	28	22
	APR-SEP	21	24	26	104%	28	32	25
Gallatin R at Logan	APR-JUL	370	475	545	110%	615	720	495
	APR-SEP	425	545	625	110%	705	825	570

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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	APR-JUL	9.3	12.4	14.8	87%	17.4	22	17.1
	APR-SEP	11.2	14.8	17.5	88%	20	25	20
Smith R bl Eagle Ck ²	APR-JUL	31	61	87	65%	118	171	133
	APR-SEP	36	70	99	66%	134	194	149
NF Musselshell R nr Delpine	APR-JUL	1.7	2.6	3.3	72%	4.1	5.4	4.6
	APR-SEP	1.99	3	3.8	70%	4.7	6.2	5.4
SF Musselshell R ab Martinsdale	APR-JUL	15.6	26	34	65%	43	60	52
	APR-SEP	17	28	37	66%	47	65	56
Musselshell R at Harlowton ²	APR-JUL	18.4	27	46	60%	70	105	77

Musselshell R nr Roundup ²	APR-SEP	19.2	28	48	59%	71	106	81
	APR-JUL	18	31	45	45%	90	156	99
	APR-SEP	18	31	45	44%	90	156	102

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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	APR-JUL	395	450	490	107%	530	595	460
	APR-SEP	435	495	540	107%	585	655	505
Two Medicine R nr Browning ²	APR-JUL	158	188	210	102%	235	270	205
	APR-SEP	168	198	220	102%	245	280	215
Badger Ck nr Browning	APR-JUL	78	92	102	103%	113	129	99
	APR-SEP	91	107	119	103%	131	151	115
Swift Reservoir Inflow ²	APR-JUL	46	57	66	103%	75	90	64
	APR-SEP	56	69	79	103%	89	105	77
Dupuyer Ck nr Valier	APR-JUL	4.5	9.7	14.3	102%	19.8	30	14
	APR-SEP	5.4	11.1	16.2	103%	22	33	15.7
Cut Bank Ck nr Browning	APR-JUL	58	70	79	103%	89	104	77
	APR-SEP	63	76	86	102%	96	112	84
Marias R nr Shelby ²	APR-JUL	300	385	445	107%	505	590	415
	APR-SEP	315	410	470	107%	530	625	440
Teton R nr Dutton	APR-JUL	16.3	35	52	102%	72	108	51
	APR-SEP	19.5	41	60	102%	83	123	59

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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	APR-JUL	94	103	109	104%	115	124	105
	APR-SEP	110	120	126	103%	132	142	122
St. Mary R nr Babb ²	APR-JUL	340	375	395	103%	415	450	385
	APR-SEP	400	440	465	103%	490	530	450
St. Mary R at Intl Boundary ²	APR-JUL	370	430	470	108%	510	570	435
	APR-SEP	460	515	555	108%	595	650	515
Milk R at Western Crossing of Intl Bndry, AB	MAR-JUL	15.2	27	36	88%	47	66	41
	MAR-SEP	16.2	29	39	91%	51	72	43
	APR-JUL	11.4	21	29	88%	38	55	33
	APR-SEP	13.3	24	33	92%	44	62	36
Milk R at Eastern Crossing of Intl Bndry								

MAR-JUL	11.2	49	75	90%	101	139	83
MAR-SEP	14.5	55	82	93%	109	149	88
APR-JUL	8.2	37	56	92%	75	104	61
APR-SEP	14.2	44	65	94%	86	116	69

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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	APR-JUL	1560	1960	2230	109%	2500	2900	2050
	APR-SEP	1820	2280	2600	109%	2920	3380	2390
Dearborn R nr Craig	APR-JUL	68	101	123	102%	145	178	121
	APR-SEP	69	104	128	102%	152	187	125
Missouri R at Fort Benton ²	APR-JUL	2280	2880	3290	110%	3700	4300	2990
	APR-SEP	2740	3430	3920	110%	4410	5110	3570
Missouri R nr Virgelle ²	APR-JUL	2670	3380	3860	112%	4340	5050	3450
	APR-SEP	3180	3960	4530	112%	5100	5880	4060
Missouri R nr Landusky ²	APR-JUL	2880	3580	4060	110%	4540	5240	3690
	APR-SEP	3350	4230	4800	110%	5370	6250	4350
Missouri R bl Fort Peck Dam ²	APR-JUL	3000	3750	4260	114%	4770	5520	3740
	APR-SEP	3500	4290	4940	114%	5590	6380	4330
Lake Sakakawea Inflow ²	APR-JUL	7200	8870	10000	103%	11100	12800	9740
	APR-SEP	7770	10000	11500	103%	13000	15100	11200

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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	APR-JUL	570	635	680	115%	725	790	590
	APR-SEP	770	855	910	113%	965	1050	805
Yellowstone R at Corwin Springs	APR-JUL	1560	1730	1850	112%	1970	2140	1650
	APR-SEP	1840	2050	2190	111%	2330	2540	1970
Yellowstone R at Livingston	APR-JUL	1770	1980	2120	112%	2260	2470	1900
	APR-SEP	2110	2350	2520	111%	2690	2930	2280
Shields R nr Livingston	APR-JUL	47	87	115	79%	143	183	145
	APR-SEP	51	97	129	80%	161	205	162
Boulder R at Big Timber	APR-JUL	235	275	305	107%	335	375	285
	APR-SEP	250	300	335	106%	370	420	315
Mystic Lake Inflow ²	APR-JUL	51	58	63	107%	68	75	59
	APR-SEP	66	74	80	105%	86	94	76

Stillwater R nr Absarokee ²	APR-JUL	370	440	485	98%	530	600	495
	APR-SEP	445	520	575	98%	630	705	585
Clarks Fk Yellowstone R nr Belfry	APR-JUL	525	580	615	114%	650	705	540
	APR-SEP	580	640	680	114%	720	780	595
Cooney Reservoir Inflow								
Yellowstone R at Billings	APR-JUL	2970	3440	3760	107%	4080	4550	3510
	APR-SEP	3330	4030	4410	107%	4790	5490	4120

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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	APR-JUL	860	1220	1470	91%	1720	2080	1610
	APR-SEP	1150	1340	1610	91%	1880	2070	1760
Little Bighorn R nr Hardin	APR-JUL	90	102	120	94%	138	150	128
	APR-SEP	101	115	135	94%	156	169	144
Tongue R nr Dayton ²	APR-JUL	63	80	92	96%	105	126	96
	APR-SEP	76	92	105	96%	119	134	109
Big Goose Ck nr Sheridan	APR-JUL	36	46	54	104%	63	76	52
	APR-SEP	43	54	62	103%	70	84	60
Little Goose Ck nr Bighorn	APR-JUL	24	30	35	103%	40	49	34
	APR-SEP	31	39	44	105%	50	59	42
Tongue River Reservoir Inflow ²	APR-JUL	123	172	210	95%	250	295	220
	APR-SEP	146	197	240	96%	285	335	250
Yellowstone R at Miles City ²	APR-JUL	4000	4840	5410	101%	5980	6820	5360
	APR-SEP	4650	5610	6270	101%	6930	7890	6210
Powder R at Moorehead	APR-JUL	90	144	187	91%	225	285	205
	APR-SEP	101	162	210	91%	250	320	230
Powder R nr Locate	APR-JUL	155	181	215	91%	245	280	235
	APR-SEP	172	200	240	92%	270	310	260
Yellowstone R nr Sidney ²	APR-JUL	3880	4830	5480	100%	6130	7080	5480
	APR-SEP	4650	5520	6300	100%	7080	7950	6280

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