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Streamflow Forecast Summary: April 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	111	132	146	107%	160	181	136
	APR-SEP	121	144	160	107%	176	199	150
Libby Reservoir Inflow ¹	APR-JUL	4740	5330	5600	99%	5870	6460	5640
	APR-SEP	5580	6270	6590	99%	6910	7600	6640
Fisher R nr Libby	APR-JUL	235	265	285	124%	305	335	230
	APR-SEP	255	285	305	124%	325	355	245
Yaak R nr Troy	APR-JUL	425	465	495	106%	525	565	465
	APR-SEP	450	490	520	106%	550	590	490
Kootenai R at Leonia ^{1,2}	APR-JUL	6340	6970	7250	103%	7530	8160	7040
	APR-SEP	7410	8070	8370	103%	8670	9330	8120

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2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

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	APR-JUL	1520	1660	1750	108%	1840	1980	1620
	APR-SEP	1690	1840	1940	108%	2040	2190	1800
MF Flathead R nr West Glacier	APR-JUL	1450	1570	1650	104%	1730	1850	1590
	APR-SEP	1580	1710	1800	103%	1890	2020	1740
Sf Flathead R nr Hungry Horse								
Hungry Horse Reservoir Inflow ^{1,2}	APR-JUL	1790	1940	2000	100%	2060	2210	2000
	APR-SEP	1860	2040	2120	100%	2200	2380	2120
Flathead R at Columbia Falls ²	APR-JUL	5000	5310	5520	103%	5730	6040	5350
	APR-SEP	5390	5750	5990	103%	6230	6590	5820
Ashley Ck nr Marion ²	APR			3.6	133%			2.7
	APR-JUL	4.7	7.5	9.4	131%	11.3	14.1	7.2
Swan R nr Bigfork	APR-JUL	445	500	540	96%	580	635	565
	APR-SEP	515	575	620	96%	665	725	645
Flathead Lake Inflow ^{1,2}	APR-JUL	5930	6270	6360	103%	6590	6930	6180
	APR-SEP	6340	6720	6900	103%	7080	7460	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	37	54	65	86%	76	93	76
	APR-SEP	42	60	72	86%	84	102	84
Flint Ck nr Southern Cross	APR-JUL	8	11	13	95%	15	18	13.7
	APR-SEP	7.3	12.1	15.4	95%	18.7	24	16.2
Flint Ck bl Boulder Ck	APR-JUL	37	48	55	98%	62	73	56
	APR-SEP	48	61	70	99%	79	92	71
Lower Willow Ck Reservoir Inflow ²	APR-MAY	5	6.9	8.2	100%	9.5	11.4	8.2
	APR-JUL	6.8	10.2	12.5	100%	14.8	18.2	12.5
MF Rock Ck nr Philipsburg	APR-JUL	48	59	67	105%	75	86	64
	APR-SEP	56	68	76	106%	84	96	72
Rock Ck nr Clinton	APR-JUL	250	275	295	109%	315	340	270
	APR-SEP	280	310	330	108%	350	380	305
Clark Fork R ab Milltown	APR-JUL	480	570	635	105%	700	790	605
	APR-SEP	555	655	725	103%	795	895	705
Nevada Ck nr Helmville	APR-MAY	6.5	8.5	9.8	95%	11.1	13.1	10.3
	APR-JUL	10.8	14.1	16.4	95%	18.7	22	17.3
Blackfoot R nr Bonner	APR-JUL	670	740	785	98%	830	900	805
	APR-SEP	740	815	870	98%	925	1000	890
Clark Fork R ab Missoula	APR-JUL	1260	1360	1420	101%	1480	1580	1410
	APR-SEP	1420	1530	1600	100%	1670	1780	1600

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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	APR-JUL	127	145	157	110%	169	187	143
	APR-SEP	139	159	173	110%	187	205	157
Bitterroot R Nr Darby	APR-JUL	400	455	490	107%	525	580	460
	APR-SEP	460	510	545	106%	580	630	515
Como Reservoir Inflow ²	APR-JUL	81	88	92	118%	96	103	78
	APR-SEP	85	92	97	118%	102	109	82
Bitterroot R nr Missoula	APR-JUL	1290	1370	1430	114%	1490	1570	1250
	APR-SEP	1400	1500	1560	114%	1620	1720	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	2670	2780	2860	108%	2940	3050	2660
	APR-SEP	2960	3080	3160	107%	3240	3360	2960
Clark Fork R at St. Regis ¹	APR-JUL	3720	3820	3870	110%	3920	4020	3520
	APR-SEP	4120	4220	4270	109%	4320	4420	3910
Clark Fork R nr Plains ^{1,2}	APR-JUL	10200	10500	10600	105%	10700	11000	10100
	APR-SEP	11100	11500	11600	105%	11700	12100	11100
Thompson nr Thompson Falls	APR-JUL	215	240	260	127%	280	305	205
	APR-SEP	250	275	295	128%	315	340	230
Prospect Ck at Thompson Falls	APR-JUL	127	138	145	125%	152	163	116
	APR-SEP	136	147	155	125%	163	174	124
Clark Fork R at Whitehorse Rapids ^{1,2}	APR-JUL	11500	11900	12000	106%	12100	12500	11300
	APR-SEP	12600	13000	13200	106%	13400	13800	12500

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

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	57	79	95	99%	111	133	96
	APR-SEP	58	85	103	99%	121	148	104
Clark Canyon Inflow ²	APR-JUL	59	98	131	100%	168	230	131
	APR-SEP	75	120	157	101%	199	270	156
Beaverhead R at Barretts ²	APR-JUL	78	132	168	100%	205	260	168
	APR-SEP	93	157	200	100%	245	305	200
Ruby R Reservoir Inflow ²	APR-JUL	43	56	65	77%	75	92	84
	APR-SEP	53	67	78	77%	90	108	101
Big Hole R at Wisdom	APR-JUL	64	95	120	99%	147	193	121
	APR-SEP	68	102	129	99%	159	210	130
Big Hole R nr Melrose	APR-JUL	420	510	580	95%	655	770	610
	APR-SEP	445	545	620	94%	700	820	660
Jefferson R nr Twin Bridges ²	APR-JUL	440	620	745	95%	870	1050	785
	APR-SEP	485	695	835	95%	975	1190	880
Boulder R nr Boulder	APR-JUL	33	47	56	72%	65	79	78
	APR-SEP	34	49	60	71%	71	86	85
Willow Ck Reservoir Inflow ²	APR-JUL	4.3	11.7	16.8	94%	22	29	17.9

Jefferson R nr Three Forks ²	APR-SEP	9.7	15.1	18.8	94%	22	28	20
	APR-JUL	325	535	675	87%	815	1020	780
	APR-SEP	370	610	770	90%	930	1170	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	365	405	430	110%	460	500	390
	APR-SEP	465	510	545	109%	580	635	500
Ennis Reservoir Inflow ²	APR-JUL	570	645	695	102%	745	820	680
	APR-SEP	695	790	855	101%	920	1010	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	385	440	475	108%	510	565	440
	APR-SEP	445	510	550	107%	590	655	515
Hyalite Reservoir Inflow ²	APR-JUL	19.4	22	24	109%	26	29	22
	APR-SEP	22	25	27	108%	29	33	25
Gallatin R at Logan	APR-JUL	380	480	545	110%	610	710	495
	APR-SEP	435	550	625	110%	700	815	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	10.5	13.5	15.7	92%	18.1	22	17.1
	APR-SEP	12.3	15.8	18.4	92%	21	26	20
Smith R bl Eagle Ck ²	APR-JUL	66	97	121	91%	148	192	133
	APR-SEP	73	108	136	91%	167	220	149
NF Musselshell R nr Delpine	APR-JUL	1.49	2.2	2.8	61%	3.4	4.5	4.6
	APR-SEP	1.79	2.6	3.3	61%	4	5.3	5.4
SF Musselshell R ab Martinsdale	APR-JUL	12	21	29	56%	38	53	52
	APR-SEP	12.5	23	31	55%	41	58	56
Musselshell R at Harlowton ²	APR-JUL	6.1	14	36	47%	58	90	77

Musselshell R nr Roundup ²	APR-SEP	7.1	15.5	37	46%	58	90	81
	APR-JUL	0	10.8	27	27%	69	132	99
	APR-SEP	0	10.4	26	25%	68	130	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	365	410	440	96%	475	525	460
	APR-SEP	400	450	485	96%	520	575	505
Two Medicine R nr Browning ²	APR-JUL	153	180	200	98%	220	255	205
	APR-SEP	164	191	210	98%	230	260	215
Badger Ck nr Browning	APR-JUL	76	89	98	99%	108	123	99
	APR-SEP	88	103	114	99%	125	143	115
Swift Reservoir Inflow ²	APR-JUL	43	54	62	97%	70	84	64
	APR-SEP	53	66	75	97%	85	100	77
Dupuyer Ck nr Valier	APR-JUL	4	8.7	13	93%	18.1	27	14
	APR-SEP	4.8	10.1	14.8	94%	20	30	15.7
Cut Bank Ck nr Browning	APR-JUL	56	67	75	97%	83	96	77
	APR-SEP	61	73	81	96%	90	104	84
Marias R nr Shelby ²	APR-JUL	285	360	415	100%	470	545	415
	APR-SEP	295	380	440	100%	500	585	440
Teton R nr Dutton	APR-JUL	16.4	33	48	94%	66	96	51
	APR-SEP	19.8	39	55	93%	74	108	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	93	102	108	103%	114	123	105
	APR-SEP	108	118	125	102%	132	142	122
St. Mary R nr Babb ²	APR-JUL	330	360	380	99%	400	430	385
	APR-SEP	375	415	445	99%	475	515	450
St. Mary R at Intl Boundary ²	APR-JUL	355	410	450	103%	490	545	435
	APR-SEP	430	485	525	102%	565	620	515
Milk R at Western Crossing of Intl Bndry, AB	APR-JUL	9.3	17.6	30	91%	40	54	33
	APR-SEP	15.3	28	34	94%	44	60	36
Milk R at Eastern Crossing of Intl Bndry								

APR-JUL	15.5	31	57	93%	76	105	61
APR-SEP	17.3	35	64	93%	85	117	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	1510	1850	2070	101%	2290	2630	2050
	APR-SEP	1640	2150	2420	101%	2690	3200	2390
Dearborn R nr Craig	APR-JUL	47	82	106	88%	130	165	121
	APR-SEP	52	89	114	91%	139	176	125
Missouri R at Fort Benton ²	APR-JUL	2230	2750	3110	104%	3470	3990	2990
	APR-SEP	2520	3260	3700	104%	4140	4870	3570
Missouri R nr Virgelle ²	APR-JUL	2520	3130	3550	103%	3970	4580	3450
	APR-SEP	2860	3670	4180	103%	4690	5540	4060
Missouri R nr Landusky ²	APR-JUL	2750	3350	3760	102%	4170	4770	3690
	APR-SEP	3000	3930	4440	102%	4950	5880	4350
Missouri R bl Fort Peck Dam ²	APR-JUL	2670	3330	3780	101%	4230	4890	3740
	APR-SEP	2960	3790	4380	101%	4970	5810	4330
Lake Sakakawea Inflow ²	APR-JUL	7530	9000	10000	103%	11000	12500	9740
	APR-SEP	7790	10200	11500	103%	12800	15200	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	620	680	720	122%	760	820	590
	APR-SEP	840	915	965	120%	1020	1090	805
Yellowstone R at Corwin Springs	APR-JUL	1690	1830	1930	117%	2030	2170	1650
	APR-SEP	2000	2170	2290	116%	2410	2580	1970
Yellowstone R at Livingston	APR-JUL	1920	2100	2220	117%	2340	2520	1900
	APR-SEP	2280	2500	2640	116%	2780	3000	2280
Shields R nr Livingston	APR-JUL	47	86	113	78%	140	179	145
	APR-SEP	49	95	126	78%	157	205	162
Boulder R at Big Timber	APR-JUL	235	275	300	105%	325	365	285
	APR-SEP	250	295	325	103%	355	400	315
Mystic Lake Inflow ²	APR-JUL	54	60	64	108%	68	74	59
	APR-SEP	70	77	82	108%	87	94	76
Stillwater R nr Absarokee ²	APR-JUL	390	450	495	100%	540	600	495

Clarks Fk Yellowstone R nr Belfry	APR-SEP	470	540	590	101%	640	710	585
	APR-JUL	585	625	655	121%	685	725	540
	APR-SEP	650	695	725	122%	755	800	595
Cooney Reservoir Inflow								
Yellowstone R at Billings								
	APR-JUL	3280	3690	3970	113%	4250	4660	3510
	APR-SEP	3580	4320	4660	113%	5000	5740	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	1150	1490	1710	106%	1930	2270	1610
	APR-SEP	1400	1600	1860	106%	2120	2320	1760
Little Bighorn R nr Hardin	APR-JUL	79	103	120	94%	139	169	128
	APR-SEP	84	115	135	94%	156	186	144
Tongue R nr Dayton ²	APR-JUL	75	89	100	104%	111	129	96
	APR-SEP	85	101	113	104%	126	145	109
Big Goose Ck nr Sheridan	APR-JUL	38	48	55	106%	63	76	52
	APR-SEP	45	55	63	105%	71	84	60
Little Goose Ck nr Bighorn	APR-JUL	26	31	35	103%	39	46	34
	APR-SEP	33	39	43	102%	48	55	42
Tongue River Reservoir Inflow ²	APR-JUL	157	200	235	107%	270	330	220
	APR-SEP	171	220	260	104%	300	370	250
Yellowstone R at Miles City ²	APR-JUL	4680	5370	5840	109%	6310	7000	5360
	APR-SEP	5160	6200	6780	109%	7360	8400	6210
Powder R at Moorehead	APR-JUL	124	183	230	112%	280	370	205
	APR-SEP	148	210	260	113%	315	405	230
Powder R nr Locate	APR-JUL	136	215	265	113%	315	395	235
	APR-SEP	156	240	300	115%	360	445	260
Yellowstone R nr Sidney ²	APR-JUL	4580	5440	6030	110%	6620	7480	5480
	APR-SEP	5270	6170	6910	110%	7650	8550	6280

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