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**Streamflow Forecast Summary: January 1, 2016
(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	86	110	125	99%	141	164	126
	APR-SEP	96	121	138	99%	156	181	140
Libby Reservoir Inflow ¹	APR-JUL	4570	5410	5790	108%	6170	7010	5340
	APR-SEP	5390	6240	6620	106%	7010	7860	6250
Fisher R nr Libby	APR-JUL	116	169	205	100%	240	295	205
	APR-SEP	127	182	220	100%	255	310	220
Yaak R nr Troy	APR-JUL	345	435	500	119%	560	650	420
	APR-SEP	365	455	520	118%	585	675	440
Kootenai R at Leonia ^{1,2}	APR-JUL	5640	6700	7180	109%	7660	8710	6600
	APR-SEP	6500	7570	8060	106%	8540	9620	7590

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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	1160	1370	1520	99%	1660	1880	1540
	APR-SEP	1300	1530	1680	99%	1830	2060	1700
MF Flathead R nr West Glacier	APR-JUL	1070	1300	1450	97%	1600	1820	1500
	APR-SEP	1180	1420	1570	96%	1730	1970	1630
Sf Flathead R nr Hungry Horse	APR-JUL	770	950	1080	92%	1200	1380	1180
	APR-SEP	820	1010	1140	90%	1270	1460	1260
Hungry Horse Reservoir Inflow ^{1,2}	APR-JUL	1170	1570	1750	94%	1940	2340	1860
	APR-SEP	1250	1660	1850	93%	2040	2450	1980
Flathead R at Columbia Falls ²	APR-JUL	3690	4370	4840	96%	5300	5980	5020
	APR-SEP	4040	4750	5230	96%	5720	6430	5450
Ashley Ck nr Marion ²	MAR	0.17	0.66	0.99	83%	1.33	1.82	1.19
	APR-JUL	2.4	4	5.1	78%	6.2	7.8	6.5
Swan R nr Bigfork	APR-JUL	340	415	470	90%	525	600	520
	APR-SEP	395	480	540	91%	600	685	595
Flathead Lake Inflow ^{1,2}	APR-JUL	3820	5030	5580	96%	6130	7350	5810
	APR-SEP	4130	5410	6000	96%	6580	7860	6270
Mill Ck ab Bassoo ck nr Niarada	APR-JUL	1.44	2.8	3.7	93%	4.6	5.9	4
	APR-SEP	1.72	3.1	4	91%	4.9	6.3	4.4
South Crow Ck nr Ronan	APR-JUL	7.7	9.2	10.2	101%	11.2	12.7	10.1
	APR-SEP	8.9	10.5	11.6	100%	12.7	14.4	11.6
Mission Ck nr St. Ignatius	APR-JUL	21	24	25	100%	27	29	25

Bitterroot R nr Missoula	APR-JUL	58	69	77	101%	85	97	76
	APR-SEP	61	73	81	103%	89	101	79
	APR-JUL	825	1100	1290	112%	1480	1760	1150
	APR-SEP	910	1200	1400	112%	1600	1900	1250

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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	1720	2250	2610	109%	2970	3490	2400
	APR-SEP	1960	2520	2900	109%	3270	3830	2670
Clark Fork R at St. Regis ¹	APR-JUL	2040	3010	3450	109%	3890	4850	3160
	APR-SEP	2350	3370	3830	109%	4290	5300	3510
Clark Fork R nr Plains ^{1,2}								
Thompson nr Thompson Falls								
Prospect Ck at Thompson Falls								
Clark Fork R at Whitehorse Rapids ^{1,2}								

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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-SEP	43	67	84	94%	101	125	89
	APR-JUL	41	62	77	94%	92	113	82
Clark Canyon Inflow ²	APR-SEP	7.7	72	116	97%	160	225	120
	APR-JUL	-4.4	54	94	93%	134	192	101
Beaverhead R at Barretts ²	APR-SEP	8.9	96	156	100%	215	305	156
	APR-JUL	1	76	127	98%	178	255	129
Ruby R Reservoir Inflow ²	APR-SEP	52	74	89	98%	105	127	91
	APR-JUL	42	62	75	97%	89	108	77
Big Hole R at Wisdom	APR-SEP	30	85	122	113%	159	215	108
	APR-JUL	29	80	115	113%	150	200	102
Big Hole R nr Melrose	APR-SEP	380	545	655	117%	765	930	560
	APR-JUL	355	505	610	118%	715	865	515
Jefferson R nr Twin Bridges ²	APR-SEP	340	615	805	110%	995	1270	730
	APR-JUL	325	575	745	108%	915	1170	690
Boulder R nr Boulder	APR-SEP	40	59	72	97%	85	104	74
	APR-JUL	37	55	67	97%	79	97	69

Willow Ck Reservoir Inflow ²	APR-SEP	6.4	13.9	19.1	99%	24	32	19.3
	APR-JUL	4.6	11.6	16.4	98%	21	28	16.8
Jefferson R nr Three Forks ²	APR-SEP	290	595	800	100%	1010	1310	800
	APR-JUL	270	545	730	99%	915	1190	740

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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-SEP	325	390	430	91%	470	535	470
	APR-JUL	255	305	340	92%	375	425	370
Ennis Reservoir Inflow ²	APR-SEP	505	615	690	89%	765	875	775
	APR-JUL	400	495	560	90%	620	715	625

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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	APR-SEP	320	390	440	94%	490	565	470
	APR-JUL	270	335	380	95%	425	490	400
Hyalite Reservoir Inflow ²	APR-SEP	17.8	20	22	96%	24	27	23
	APR-JUL	15.4	17.9	19.5	98%	21	24	20
Gallatin R at Logan	APR-SEP	255	380	460	91%	545	670	505
	APR-JUL	220	330	405	92%	480	590	440

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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	APR-SEP	10.5	14.4	17.1	93%	19.7	24	18.4
	APR-JUL	8.6	12	14.4	93%	16.7	20	15.5
Smith R bl Eagle Ck ²	APR-SEP	58	95	121	104%	147	185	116
	APR-JUL	52	85	107	101%	129	162	106
NF Musselshell R nr Delpine	APR-SEP	0.92	2.8	4.1	103%	5.4	7.3	4
	APR-JUL	0.71	2.4	3.5	103%	4.6	6.2	3.4
SF Musselshell R ab Martinsdale	APR-SEP	1	16.2	32	84%	48	71	38
	APR-JUL	1	13.9	29	83%	43	65	35

Musselshell R at Harlowton²

APR-SEP	-2	21	48	81%	75	115	59
APR-JUL	-2	22	47	82%	72	110	57

Musselshell R nr Roundup²

APR-SEP	-26	-11.2	45	68%	101	183	66
APR-JUL	-23	-9.1	46	69%	102	183	67

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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-SEP	225	300	350	80%	405	480	440
	APR-JUL	197	270	315	80%	365	435	395
Two Medicine R nr Browning²								
	APR-SEP	118	148	168	87%	188	220	194
	APR-JUL	108	138	158	86%	178	210	183
Badger Ck nr Browning								
	APR-SEP	49	70	85	83%	100	121	103
	APR-JUL	39	59	73	83%	87	107	88
Swift Reservoir Inflow²								
	APR-SEP	31	45	54	81%	63	77	67
	APR-JUL	25	37	46	81%	55	67	57
Dupuyer Ck nr Valier								
	APR-SEP	1	2.8	8.2	65%	13.7	22	12.7
	APR-JUL	1	2.8	7.7	69%	12.6	19.8	11.1
Cut Bank Ck nr Browning								
	APR-SEP	32	49	61	81%	73	90	75
	APR-JUL	29	45	56	81%	67	83	69
Marias R nr Shelby²								
	APR-SEP	80	200	285	79%	370	490	360
	APR-JUL	79	197	280	81%	360	475	345
Teton R nr Dutton								
	APR-SEP	1	11.3	31	65%	51	81	48
	APR-JUL	1	8	27	64%	46	74	42

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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-SEP	85	97	105	94%	113	125	112
	APR-JUL	70	82	90	93%	99	110	97
St. Mary R nr Babb²								
	APR-SEP	305	355	390	92%	425	475	425
	APR-JUL	255	305	335	91%	370	420	370
St. Mary R at Intl Boundary²								
	APR-SEP	330	400	450	89%	500	570	505
	APR-JUL	270	340	385	89%	435	505	435
Milk R at Western Crossing of Intl Bndry, AB								
	MAR-SEP	1.48	16.8	27	82%	38	54	32.77
	MAR-JUL	1.48	16.2	26	93%	36	51	28
	APR-SEP	1	12.5	22	85%	32	46	26

	APR-JUL	335	400	445	100%	485	550	445
	APR-SEP	395	470	520	100%	570	645	520
Clarks Fk Yellowstone R nr Belfry	APR-JUL	385	455	500	98%	545	610	510
	APR-SEP	420	495	540	98%	590	665	550
Cooney Reservoir Inflow	APR-JUL	8.4	21	30	79%	39	52	38
	APR-SEP	15.3	29	39	81%	48	62	48
Yellowstone R at Billings	APR-JUL	2410	2910	3250	101%	3590	4090	3230
	APR-SEP	2740	3330	3730	100%	4130	4720	3730

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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	470	810	1040	75%	1280	1620	1380
	APR-SEP	405	790	1050	72%	1310	1700	1460
Little Bighorn R nr Hardin	APR-JUL	1	32	54	55%	76	108	98
	APR-SEP	1	37	61	55%	85	121	111
Tongue R nr Dayton ²	APR-JUL	21	41	55	64%	69	89	86
	APR-SEP	26	48	63	64%	78	100	98
Big Goose Ck nr Sheridan	APR-JUL	6.9	18.9	27	59%	35	47	46
	APR-SEP	13.5	26	34	63%	42	55	54
Little Goose Ck nr Bighorn	APR-JUL	4.1	11.8	17.1	55%	22	30	31
	APR-SEP	8.6	16.9	23	59%	28	36	39
Tongue River Reservoir Inflow ²	APR-JUL	5.4	69	112	58%	156	220	193
	APR-SEP	12.3	79	125	58%	171	245	215
Yellowstone R at Miles City ²	APR-JUL	2900	3750	4330	91%	4900	5750	4780
	APR-SEP	3200	4200	4870	89%	5550	6550	5450
Powder R at Moorehead	APR-JUL	1	29	76	43%	123	192	177
	APR-SEP	1	43	92	47%	141	210	196
Powder R nr Locate	APR-JUL	1	27	83	42%	140	225	199
	APR-SEP	1	37	98	45%	160	250	220
Yellowstone R nr Sidney ²	APR-JUL	2620	3590	4240	88%	4900	5870	4830
	APR-SEP	2770	3910	4690	86%	5460	6610	5430

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