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Missouri Mainstem Basin
Streamflow Forecasts - January 1, 2015

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]								
	APR-JUL	965	1420	1730	97%	2040	2500	1790
	APR-SEP	1120	1650	2010	97%	2370	2900	2070
Dearborn R nr Craig								
	APR-JUL	48	75	92	103%	110	137	89
	APR-SEP	54	81	100	105%	119	146	95
Missouri R at Fort Benton[2]								
	APR-JUL	1570	2170	2570	98%	2970	3560	2610
	APR-SEP	1900	2600	3070	99%	3540	4240	3110
Missouri R nr Virgelle[2]								
	APR-JUL	1860	2520	2970	99%	3420	4080	3000
	APR-SEP	2170	2950	3480	99%	4000	4780	3520
Missouri R nr Landusky[2]								
	APR-JUL	2010	2700	3160	100%	3630	4320	3160
	APR-SEP	2350	3160	3710	100%	4270	5080	3720
Missouri R bl Fort Peck Dam[2]								
	APR-JUL	2080	2780	3260	101%	3730	4440	3240
	APR-SEP	2170	3080	3700	100%	4310	5220	3700
Lake Sakakawea Inflow[2]								
	APR-JUL	5920	7530	8630	104%	9730	11300	8310
	APR-SEP	6370	8380	9750	104%	11100	13100	9400

1) 90% and 10% exceedance probabilities are actually 95% and 5%
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

Reservoir Storage End of December, 2014	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
Canyon Ferry Lake	1610.1	1470.1	1598.0	2043.0
Helena Valley Reservoir	5.5	6.4	5.1	9.2
Lake Helena	9.9	9.8	10.9	12.7
Hauser Lake & Lake Helena	70.3	69.8	73.8	74.6
Holter Lake	80.8	81.4	80.5	81.9
Fort Peck Lake	14896.7	12845.4	13143.0	18910.0
Basin-wide Total	16673.4	14483.0	14911.3	21131.4
# of reservoirs	6	6	6	6

Watershed Snowpack Analysis January 1, 2015	# of Sites	% Median	Last Year % Median
HEADWATERS MAINSTEM	8	126%	122%
SMITH-JUDITH-MUSSELSHELL	0		
SUN-TETON-MARIAS	6	113%	105%
MAINSTEM ab FT PECK RES	23	121%	126%
MILK RIVER BASIN	1	155%	210%
MISSOURI MAINSTEM BASIN	24	121%	127%