

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**October 31, 2016**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 10/31/2016	%AVERAGE for October	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT					
		1960 - 2014 for October	10/31/2015	9/30/2016	10/31/2016					
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	6,392	5,370	4,789	<b>5,776</b>	36	90	10/31/2016	elev.= 6,024	
NEVADA CREEK	11,207	4,249	2,054	1,758	<b>2,330</b>	21	55	10/28/2016	elev.= 4,583.38	
W.F. BITTERROOT	32,362	10,664	4,850	11,235	<b>7,149</b>	22	67	10/28/2016	elev. = 4,666.76	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	3,219	3,759	3,387	N/A	N/A	N/A	N/A	Not reported.	
BAIR	7,300	3,006	5,194	2,657	<b>2,863</b>	39	95	10/31/2016	elev.= 5,302.6	
DEADMAN'S BASIN	75,968	34,288	43,689	34,888	<b>36,781</b>	48	107	10/27/2016	elev.= 3,899.94 (33,031 AF)	
FRENCHMAN	2,777	2,022	2,416	3,244	<b>1,606</b>	58	79	10/20/2016	elev. = 2,263.43	
MARTINSDALE	23,348	8,864	13,365	5,200	<b>5,363</b>	23	61	10/27/2016	elev. = 4,753.08	
N.F.K. SMITH RIVER	11,406	5,156	5,486	3,948	<b>4,509</b>	40	87	10/27/2016	elev.= 5,462.66	
YELLOWATER	3,842	1,275	3,041	2,570	<b>3,915</b>	102	307	10/21/2016	elev.= 3,118.80	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	4,063	5,551	5,619	<b>5,590</b>	55	138	10/31/2016	elev.= 6,697.9	
NILAN	10,992	5,270	4,625	5,063	<b>5,383</b>	49	102	11/3/2016	elev.= 4,429.27 (4,483 AF)	
RUBY RIVER	37,612	12,758	13,800	7,766	<b>13,272</b>	35	104	10/31/2016	elev. = 5,360.4	
WILLOW CREEK	18,000	7,509	8,809	8,645	<b>9,808</b>	54	131	10/24/2016	elev. = 4,723.90	
<b>Yellowstone Basin</b>										
COONEY	28,230	16,474	19,833	14,079	<b>18,198</b>	64	110	10/31/2016	elev.= 4,238.0 (18,108 AF)	
COTTONWOOD	1,900	733	1,180	507	<b>560</b>	29	76	10/31/2016	elev. = 5,093.78	
TONGUE RIVER	79,071	28,673	46,556	42,393	<b>45,093</b>	57	157	10/31/2016	elev. = 3,417.5	

\* Note: Reservoir contents include dead storage at the following:

Ackley	1001 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)	
Cooney	90 AF	**	Tongue River	711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot	656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek	269 AF (O&M storage table includes dead storage)

\* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

\* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.

\* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is pre aerial survey