

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## August 31, 2016

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 8/31/2016	%AVERAGE for August	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT					
		1960 - 2014 for August	8/31/2015	7/31/2016	8/31/2016					
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	6,806	4,098	9,348	<b>5,367</b>	33	79	8/30/2016	elev. = 6022.39	
NEVADA CREEK	11,207	6,445	2,819	5,096	<b>2,522</b>	23	39	8/30/2016	elev. = 4584.52	
W.F. BITTERROOT	32,362	10,830	12,873	29,278	<b>18,390</b>	57	170	8/23/2016	elev. = 4699.58	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	3,592	4,806	4,449	<b>3,561</b>	53	99	8/31/2016	elev. = 4304.14 (2,560 AF)	
BAIR	7,300	3680	5,665	4,159	<b>2,706</b>	37	74	8/31/2016	elev. = 5301.38	
DEADMAN'S BASIN	75,968	35,525	50,909	46,710	<b>35,978</b>	47	101	8/31/2016	elev. = 3899.45 (32,228 AF)	
FRENCHMAN	2,777	1,572	2,163	2,717	<b>2,548</b>	92	162	9/1/2016	elev. = 2264.22	
MARTINSDALE	23,348	9,973	14,593	10,033	<b>6,041</b>	26	61	8/31/2016	elev. 4754.92	
N.FK. SMITH RIVER	11,406	5,745	5,474	7,193	<b>5,511</b>	48	96	8/31/2016	elev. = 5467.02	
YELLOWATER	3,842	1,515	3,268	2,716	<b>2,490</b>	65	164	8/31/2016	elev. = 3114.6	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	8,664	7,144	7,806	<b>6,445</b>	63	74	8/30/2016	elev. = 6703.25	
NILAN	10,992	7,496	6,262	7,187	<b>6,861</b>	62	92	8/11/2016	elev. = 4433.58 (5,961 AF)	
RUBY RIVER	37,612	27,990	14,293	22,841	<b>12,881</b>	34	46	8/31/2016	elev. = 5359.6	
WILLOW CREEK	18,000	13,461	NA	13,651	<b>9,378</b>	52	70	8/29/2016	elev. = 4723.3	
<b>Yellowstone Basin</b>										
COONEY	28,230	22,660	20,102	21,905	<b>16,493</b>	58	73	8/24/2016	elev. = 4235.29 (16,403 AF)	
COTTONWOOD	1,900	1,481	1,170	945	<b>510</b>	27	34	8/26/2016	elev. = 5093.22	
TONGUE RIVER	79,071	40,516	57,504	56,364	<b>44,734</b>	57	110	8/30/2016	elev. = 3417.4	

\* 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