

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## August 31, 2014

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 8/31/2014	%AVERAGE 8/31/2014	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT					
		1960 - 2013	8/31/2013	7/31/2014	8/31/2014	8/31/2014				
	Full Pool									
	Contents									
<b>ACKLEY</b>	6,722	3,397	4,273	<b>5,399</b>	<b>4,777</b>	71	141	8/4/2014	elev.=4309.87	
<b>BAIR</b>	7,300	3,304	2,805	<b>6,416</b>	<b>5,200</b>	71	157	8/28/2014	elev.=5316.4	
<b>COONEY</b>	28,230	17,419	19,418	<b>24,440</b>	<b>21,607</b>	77	124	8/30/2014	elev.=4242.89 (21,517 AF)	
<b>COTTONWOOD</b>	1,900	677	222	<b>1,745</b>	<b>1,140</b>	60	168	8/25/2014	elev.=5098.69	
<b>DEADMAN'S BASIN</b>	75,968	35,803	32,699	<b>61,770</b>	<b>54,837</b>	72	153	8/28/2014	elev.=3910.25 (51,087 AF)	
<b>E.F. ROCK CREEK</b>	16,040	6,186	4,782	<b>10,615</b>	<b>9,971</b>	62	161	9/2/2014	elev.=6038.4	
<b>FRENCHMAN</b>	2,777	1,572	2,626	<b>2,340</b>	<b>2,717</b>	98	173	9/4/2014	elev.=2264.5	
<b>MARTINSDALE</b>	23,348	9,520	6,041	<b>20,016</b>	<b>14,458</b>	62	152	9/2/2014	elev.=4768.9	
<b>MIDDLE CREEK</b>	10,184	6,514	6,354	<b>9,130</b>	<b>8,006</b>	79	123	9/2/2014	elev.=6711.6	
<b>NEVADA CREEK</b>	11,207	6,318	3,429	<b>9,243</b>	<b>5,953</b>	53	94	8/31/2014	elev.=4599.85	
<b>NILAN</b>	10,992	6,170	5,595	<b>7,833</b>	<b>5,841</b>	53	95	8/29/2014	elev.=4430.76 (4,941 AF)	
<b>N.FK. SMITH RIVER</b>	11,406	5,697	5,812	<b>10,732</b>	<b>8,241</b>	72	145	8/28/2014	elev.=5477.7	
<b>RUBY RIVER</b>	37,612	16,382	15,026	<b>30,594</b>	<b>21,722</b>	58	133	8/26/2014	elev.=5374.6	
<b>TONGUE RIVER</b>	79,071	44,982	47,452	<b>71,482</b>	<b>61,178</b>	77	136	9/2/2014	elev.=3423.2	
<b>W.F. BITTERROOT</b>	32,362	15,850	15,907	<b>30,664</b>	<b>16,059</b>	50	101	9/1/2014	elev.=4694.28	
<b>WILLOW CREEK</b>	18,000	9,630	6,566	<b>16,310</b>	<b>11,929</b>	66	124	8/29/2014	elev.=4727.75	
<b>YELLOWATER</b>	3,842	1,388	3,593	<b>2,880</b>	<b>4,039</b>	105	291	9/1/2014	elev.=3119.2	

\* 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