

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## March 31, 2014

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 3/31/2014	%AVERAGE 3/31/2014	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT					
		1960 - 2013	3/31/2013	2/28/2014	3/31/2014					
ACKLEY	6,722	3,210	2,946	<b>3,586</b>	<b>4,153</b>	62	129	4/3/2014	elev.=4307.0	
BAIR	7,300	4,384	4,520	<b>3,230</b>	<b>3,773</b>	52	86	4/1/2014	elev.=5308.74	
COONEY	28,230	20,895	19,088	<b>19,286</b>	<b>21,461</b>	76	103	3/31/2014	elev.=4242.71 (21,371 AF)	
COTTONWOOD	1,900	969	614	<b>500</b>	<b>1,596</b>	84	165	4/4/2014	elev.=5101.11	
DEADMAN'S BASIN	75,968	49,115	54,837	<b>47,439</b>	<b>56,444</b>	74	115	3/31/2014	elev.=3911.1 (52,694)	
E.F. ROCK CREEK	16,040	9,587	10,247	<b>9,261</b>	<b>9,720</b>	61	101	3/31/2014	elev.=6037.6	
FRENCHMAN	2,777	2,156	2,777	<b>2,777</b>	<b>2,777</b>	100	129	3/31/2014	elev.=2264.6	
MARTINSDALE	23,348	9,169	6,904	<b>5,521</b>	<b>7,344</b>	31	80	4/1/2014	elev.=4757.56	
MIDDLE CREEK	10,184	6,163	4,847	<b>4,808</b>	<b>4,499</b>	44	73	3/31/2014	elev.=6690.4	
NEVADA CREEK	11,207	7,845	6,325	<b>4,119</b>	<b>6,521</b>	58	83	4/1/2014	elev.=4601.77	
NILAN	10,992	6,713	6,055	<b>5,759</b>	<b>6,391</b>	58	95	4/1/2014	elev.=4432.45 (5,491 AF)	
N.FK. SMITH RIVER	11,406	7,061	7,491	<b>6,700</b>	<b>8,148</b>	71	115	4/1/2014	volume estimated	
RUBY RIVER	37,612	31,155	31,741	<b>32,300</b>	<b>34,501</b>	92	111	4/1/2014	elev.=5389.78	
TONGUE RIVER	79,071	49,395	54,037	<b>55,004</b>	<b>60,558</b>	77	123	3/31/2014	elev.=3423.0	
W.F. BITTERROOT	32,362	9,032	12,338	<b>10,424</b>	<b>14,125</b>	44	156	3/26/2014	elev.=4689.1	
WILLOW CREEK	18,000	16,386	14,388	<b>18,000</b>	<b>16,183</b>	90	99	4/6/2014	elev.=4733.72	
YELLOWWATER	3,842	1,250	1,732	<b>2,940</b>	<b>3,496</b>	91	280	4/2/2014	elev.=3117.7	

\* 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