

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**May 31, 2014**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS	
		Full Pool	AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY			%AVERAGE
		Contents	1960 - 2013	5/31/2013	4/30/2014	5/31/2014	5/31/2014			5/31/2014
ACKLEY	6,722	4,728	3,462	4,112	4,552	68	96	5/29/2014	elev.=4308.86	
BAIR	7,300	5,719	5,221	5,114	7,261	99	127	5/29/2014	elev.=5324.86	
COONEY	28,230	24,069	22,956	20,950	22,584	80	94	5/30/2014	elev.=4244.2 (22,494 AF)	
COTTONWOOD	1,900	1,551	1,009	1,981	1,987	105	128	5/29/2014	elev.=5102.83	
DEADMAN'S BASIN	75,968	53,853	52,640	69,290	74,686	98	139	5/29/2014	elev.=3920.37 (70,936 AF)	
E.F. ROCK CREEK	16,040	10,766	12,502	10,224	12,005	75	112	5/30/2014	elev.=6044.6	
FRENCHMAN	2,777	2,656	2,777	2,777	2,777	100	105	5/23/2014	spilling	
MARTINSDALE	23,348	15,974	10,110	15,138	19,804	85	124	5/30/2014	elev.=4776.0	
MIDDLE CREEK	10,184	9,323	9,816	4,430	7,935	78	85	5/30/2014	elev.=6711.2	
NEVADA CREEK	11,207	11,012	8,022	10,402	11,522	103	105	5/29/2014	elev.=4616.85	
NILAN	10,992	7,124	6,410	7,920	10,662	97	150	5/31/2014	elev.=4441.95 (9,762 AF)	
N.FK. SMITH RIVER	11,406	10,317	11,146	10,732	11,553	101	112	5/29/2014	elev.=5488.77	
RUBY RIVER	37,612	37,355	30,879	37,612	37,612	100	101	5/31/2014	spilling	
TONGUE RIVER	79,071	70,536	80,644	45,515	83,489	106	118	5/30/2014	elev.=3429.5-spilling	
W.F. BITTERROOT	32,362	32,556	32,362	29,937	34,305	106	105	5/28/2014	elev.=4728.3	
WILLOW CREEK	18,000	16,618	12,933	14,033	16,725	93	101	5/29/2014	elev.=4734.4	
YELLOWATER	3,842	1,531	3,008	3,431	3,366	88	220	5/28/2014	elev.=3117.5	

\* 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