

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## October 31, 2013

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 10/31/2013	%AVERAGE 10/31/2013	READING DATE	COMMENTS
		AVERAGE 1960 - 2012	Last Year 10/31/2012	Last Month 9/30/2013	PRESENT 10/31/2013					
ACKLEY	6,722	3,208	2,913	3,586	3,586	53	112	10/31/2013	estimated elev.=4304.26	
BAIR	7,300	3,010	3,936	2,506	2,761	38	92	11/15/2013	elev.=5301.82	
CATARACT	1,478	353	200	110	110	7	31	10/31/2013	volume estimated	
COONEY	28,230	16,483	14,433	17,484	16,550	59	100	11/4/2013	elev.=4235.38 (16,460 AF)	
COTTONWOOD	1,900	789	586	200	200	11	25	10/31/2013	volume estimated	
DEADMAN'S BASIN	75,968	34,988	38,785	30,813	32,083	42	92	10/23/2013	elev.=3896.93 (28,333 AF)	
E.F. ROCK CREEK	16,040	6,111	6,993	5,702	6,727	42	110	11/1/2013	elev.=6027.6	
FRENCHMAN	2,777	1,492	1,829	1,480	1,707	61	114	11/15/2013	elev.=2262.6	
MARTINSDALE	23,348	8,416	7,006	5,322	5,521	24	66	11/15/2013	elev.=4753.51	
MIDDLE CREEK	10,184	5,534	5,513	5,728	5,711	56	103	11/1/2013	elev.=6698.7	
NEVADA CREEK	11,207	4,185	3,259	2,546	2,897	26	69	10/31/2013	elev.=4586.64	
NILAN	10,992	5,327	4,143	4,461	4,817	44	90	11/8/2013	elev.=4427.36 (3,917 AF)	
N.FK. SMITH RIVER	11,406	5,140	5,757	5,474	5,950	52	116	10/31/2013	elev.=5468.93	
RUBY RIVER	37,612	12,620	11,688	11,735	18,264	49	145	11/5/2013	elev.=5369.39	
TONGUE RIVER	79,071	42,162	40,307	48,356	56,552	72	134	11/1/2013	elev.=3421.7	
W.F. BITTERROOT	32,362	5,611	8,632	11,465	12,759	39	227	11/4/2013	elev.=4685.42	
WILLOW CREEK	18,000	7,497		3,844	8,063	45	108	10/17/2013	elev.=4721.0	
YELLOWWATER	3,842	1,168	1,975	3,463	3,431	89	294	10/31/2013	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