

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**October 31, 2010**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 10/31/2010	%AVERAGE 10/31/2010	Reading Date	COMMENTS
		AVERAGE 1960 - 2009	Last Year 10/31/2009	Last Month 9/30/2010	PRESENT 10/31/2010				
	Full Pool								
	Contents								
ACKLEY	6,140	3,169	4,014	5,060	4,029	66	127	11/4/10	from S. Sundheim el.=4306.4 (3,704 AF)
BAIR	7,300	2,886	4,004	5,571	5,504	75	191	10/27/10	from D. Mann el.=5317.81
CATARACT	1,478	377	526	419	276	19	73	10/28/10	from P. Dassenko el.=6317.26
COONEY	28,230	16,434	17,004	17,905	18,692	66	114	11/1/10	from J. Krook el.=4238.74 (18,602 AF)
COTTONWOOD	1,900	710	1,135	1,370	1,384	73	195	10/29/10	from B. Gartland el.=5100.03
DEADMAN'S BASIN	75,968	33,611	30,996	57,298	59,832	79	178	10/27/10	from D. Mann el.=3912.88 (56,082 AF)
E.F. ROCK CREEK	16,040	5,844	9,210	7,489	8,720	54	149	10/31/10	from data logger el.=6034.4
FRENCHMAN	2,777	1,428	1,300	2,777	2,777	100	194	11/3/10	from G. Yeska
MARTINSDALE	23,348	8,250	17,513	16,159	17,218	74	209	10/27/10	from D. Mann el.=4772.42
MIDDLE CREEK	10,184	5,498	5,487	6,300	6,044	59	110	10/31/10	from data logger el.=6700.8
NEVADA CREEK	11,207	4,128	5,904	6,013	6,480	58	157	10/31/10	from R. Hawkins el.=4601.68
NILAN	10,992	5,281	7,351	6,447	6,447	59	122	10/31/10	volume estimated
N.FK. SMITH RIVER	11,406	5,029	6,615	7,486	7,885	69	157	10/27/10	from D. Mann el.=5476.44
RUBY RIVER	36,633	12,414	15,951	15,199	18,600	51	150	10/27/10	from P. Dassenko el.=5369.96
TONGUE RIVER	79,071	40,481	50,202	51,647	51,244	65	127	10/31/10	from data logger el.=3419.9
W.F. BITTERROOT	32,362	5,056	8,170	9,489	9,951	31	197	10/27/10	from L. Schock el.=4676.84
WILLOW CREEK	18,000	7,493	10,207	7,222	7,366	41	98	10/28/10	from P. Dassenko el.=4719.16
YELLOWWATER	3,842	995	1,450	1,110	1,110	29	112	11/1/10	from B. Murphy

\* Note: Reservoir contents include dead storage at the following:

Ackley	325 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: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

\* 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