

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

September 30, 2010

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 9/30/2010	%AVERAGE 9/30/2010	Reading Date	COMMENTS
		AVERAGE 1960 - 2009	Last Year 9/30/2009	Last Month 8/31/2010	PRESENT 9/30/2010				
	Full Pool								
	Contents								
ACKLEY	6,140	3,244	4,014	5,430	5,060	82	156	10/6/10	from M. Norberg el.=4311.14
BAIR	7,300	2,634	3,814	5,870	5,571	76	212	9/29/10	from D. Mann el.=5318.11
CATARACT	1,478	364	540	540	419	28	115	9/28/10	from P. Dassenko el.=6323.18
COONEY	28,230	14,837	16,814	22,507	17,905	63	121	9/30/10	from J. Krook el.=4237.46 (17,815 AF)
COTTONWOOD	1,900	561	1,120	1,288	1,370	72	244	9/30/10	from B. Gartland el.=5099.96
DEADMAN'S BASIN	75,968	32,327	31,654	58,825	57,298	75	177	9/29/10	from D. Mann el.=3911.55 (53,548 AF)
E.F. ROCK CREEK	16,040	5,546	7,942	8,480	7,489	47	135	9/30/10	from data logger el.=6030.2
FRENCHMAN	2,777	1,140	1,300	2,777	2,777	100	244	9/30/10	spilling
MARTINSDALE	23,348	7,998	17,218	14,951	16,159	69	202	9/29/10	from D. Mann el.=4771.13
MIDDLE CREEK	10,184	5,530	5,355	7,317	6,300	62	114	9/30/10	from data logger el.=6702.4
NEVADA CREEK	11,207	4,228	5,239	6,722	6,013	54	142	9/30/10	from R. Hawkins el.=4600.06
NILAN	10,992	5,469	7,089	6,713	6,447	59	118	10/1/10	from J. Wolfe el.=4432.5 (5,547 AF)
N.F.K. SMITH RIVER	11,406	4,763	6,337	7,386	7,486	66	157	9/29/10	from D. Mann el.=5475.03
RUBY RIVER	36,633	10,723	13,093	17,185	15,199	41	142	9/28/10	from P. Dassenko el.=5363.94
TONGUE RIVER	79,071	38,481	49,421	55,154	51,647	65	134	9/30/10	from data logger el.=3420.1
W.F. BITTERROOT	32,362	6,240	10,879	22,998	9,489	29	152	10/2/10	from A. Pernichele el.=4675.92
WILLOW CREEK	18,000	7,532	10,250	11,245	7,222	40	96	9/28/10	from P. Dassenko el.=4719.14
YELLOWWATER	3,842	980	1,575	1,153	1,110	29	113	9/30/10	from B. Murphy

* 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: 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