

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

August 31, 2011

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 8/31/2011	% AVERAGE 8/31/2011	READING DATE	COMMENTS	
		Full Pool	AVERAGE	Last Year	Last Month					PRESENT
		Contents	1960 - 2010	8/31/2010	7/31/2011					8/31/2011
ACKLEY	6,140	3,365	5,430	4,495	3,611	59	107	9/1/2011	from M. Norris el.=4304.38 (3,286 AF)	
BAIR	7,300	3,230	5,870	7,455	6,770	93	210	8/31/2011	from D. Mann el.=5323.05	
CATARACT	1,478	420	540	1,279	722	49	172	8/29/2011	from S. Cook el.=6333.46	
COONEY	28,230	17,269	22,507	25,547	22,584	80	131	8/31/2011	from J. Krook el.=4244.22 (22,494 AF)	
COTTONWOOD	1,900	659	1,288	2,008	1,386	73	210	8/23/2011	from P. Dassenko el.=5102.91	
DEADMAN'S BASIN	75,968	35,260	58,825	66,120	61,124	80	173	8/31/2011	from D. Mann el.=3913.56 (57,374 AF)	
E.F. ROCK CREEK	16,040	6,109	8,480	15,384	11,041	69	181	8/31/2011	from data logger el.=6041.7	
FRENCHMAN	2,777	1,533	2,777	2,777	1,707	61	111	9/1/2011	from D. Yeska el.=2262.6	
MARTINSDALE	23,348	9,554	14,951	17,702	11,819	51	124	8/31/2011	from D. Mann el.=4773.01	
MIDDLE CREEK	10,184	6,492	7,317	9,403	6,677	66	103	8/31/2011	from data logger el.=6704.6	
NEVADA CREEK	11,207	6,409	6,722	11,190	6,280	56	98	8/31/2011	from R. Hawkins el.=4600.98	
NILAN	10,992	6,179	6,713	10,850	8,219	75	133	8/31/2011	from J. Wolfe el.=4436.8	
N.F.K. SMITH RIVER	11,406	5,632	7,386	11,406	8,275	73	147	8/31/2011	from D. Mann el.=5477.82	
RUBY RIVER	36,633	16,407	17,185	31,218	20,526	56	125	8/29/2011	from P. Dassenko el.=5372.84	
TONGUE RIVER	79,071	43,821	55,154	61,607	51,808	66	118	8/31/2011	from Data Logger el.=3420.4	
W.F. BITTERROOT	32,362	15,479	22,998	32,362	22,421	69	145	8/31/2011	from L. Schock el.=4708.06	
WILLOW CREEK	18,000	9,782	11,245	16,645	9,349	52	96	8/29/2011	from S. Cook el.=4723.25	
YELLOWATER	3,842	1,083	1,153	3,975	3,782	98	349	8/23/2011	from T. Olson el.=3118.47	

* 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