

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 31, 2010

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 12/31/2010	%AVERAGE 12/31/2010	Reading Date	COMMENTS
		AVERAGE 1960 - 2009	Last Year 12/31/2009	Last Month 11/30/2010	PRESENT 12/31/2010				
	Full Pool								
	Contents								
ACKLEY	6,140	2,972	4,014	4,029	4,029	66	136	12/31/10	volume estimated
BAIR	7,300	3,297	4,050	5,504	5,504	75	167	12/31/10	volume estimated
CATARACT	1,478	407	526	276	276	19	68	12/31/10	volume estimated
COONEY	28,230	17,511	16,814	18,296	18,230	65	104	1/4/10	from J. Krook el.=4238.00 (18,140 AF)
COTTONWOOD	1,900	621	1,165	1,384	1,384	73	223	12/31/10	volume estimated
DEADMAN'S BASIN	75,968	38,331	34,321	65,107	65,107	86	170	12/31/10	volume estimated
E.F. ROCK CREEK	16,040	7,729	10,975	9,722	10,517	66	136	1/3/11	from data logger el.=6040.1
FRENCHMAN	2,777	1,428	1,300	2,000	2,000	72	140	11/30/10	volume estimated from G. Yeska
MARTINSDALE	23,348	8,316	18,655	18,080	18,080	77	217	12/31/10	volume estimated
MIDDLE CREEK	10,184	5,875	6,504	6,537	6,663	65	113	1/3/11	from data logger el.=6704.4
NEVADA CREEK	11,207	4,396	6,635	7,030	7,489	67	170	1/1/11	from R. Hawkins el.=4605.02
NILAN	10,992	5,812	8,131	6,447	6,447	59	111	12/31/10	volume estimated
N.FK. SMITH RIVER	11,406	5,547	6,700	8,000	8,000	70	144	12/31/10	volume estimated
RUBY RIVER	36,633	20,102	19,554	21,394	21,856	60	109	12/27/10	from R. Laskowski el.=5374.83
TONGUE RIVER	79,071	40,719	48,119	50,587	50,946	64	125	1/3/11	from data logger el.=3419.8
W.F. BITTERROOT	32,362	5,694	7,539	10,684	10,684	33	188	12/31/10	volume estimated
WILLOW CREEK	18,000	9,537	10,500	7,366	7,366	41	77	12/31/10	volume estimated
YELLOWWATER	3,842	906	1,050	1,100	1,100	29	121	12/31/10	volume estimated

* 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