

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## August 31, 2010

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 8/31/2010	%AVERAGE 8/31/2010	Reading Date	COMMENTS
		AVERAGE 1960 - 2009	Last Year 8/31/2009	Last Month 7/31/2010	PRESENT 8/31/2010				
	Full Pool								
	Contents								
ACKLEY	6,140	3,313	5,005	<b>5,649</b>	<b>5,430</b>	88	164	9/2/10	from S. Sundheim el.=4312.8
BAIR	7,300	3,176	3,758	<b>7,167</b>	<b>5,870</b>	80	185	8/31/10	from D. Mann el.=5319.42
CATARACT	1,478	567	841	<b>1,214</b>	<b>540</b>	37	95	8/31/10	from P. Dassenko el.=6327.52
COONEY	28,230	17,075	24,080	<b>27,263</b>	<b>22,507</b>	80	132	9/1/10	from J. Krook el.=4244.12 (22,417 AF)
COTTONWOOD	1,900	589	1,472	<b>1,974</b>	<b>1,288</b>	68	219	8/26/10	from B. Gartland el.=5099.51
DEADMAN'S BASIN	75,968	44,269	63,730	<b>71,400</b>	<b>58,825</b>	77	133	8/31/10	from D. Mann el.=3912.35 (55,075 AF)
E.F. ROCK CREEK	16,040	6,039	10,256	<b>13,410</b>	<b>8,480</b>	53	140	8/31/10	from data logger el.=6033.6
FRENCHMAN	2,777	912	836	<b>1,859</b>	<b>2,777</b>	100	304	9/2/10	spilling
MARTINSDALE	23,348	9,446	19,912	<b>20,969</b>	<b>14,951</b>	64	158	8/31/10	from D. Mann el.=4769.61
MIDDLE CREEK	10,184	6,444	8,338	<b>9,712</b>	<b>7,317</b>	72	114	8/31/10	from data logger el.=6708.1
NEVADA CREEK	11,207	6,402	7,393	<b>10,349</b>	<b>6,722</b>	60	105	9/7/10	from R. Laskowski el.=4602.51
NILAN	10,992	6,167	8,135	<b>8,831</b>	<b>6,713</b>	61	109	9/7/10	from R. Laskowski el.=4435.41
N.F.K. SMITH RIVER	11,406	5,596	8,688	<b>11,135</b>	<b>7,386</b>	65	132	8/31/10	from D. Mann el.=5474.65
RUBY RIVER	36,633	16,389	20,812	<b>29,124</b>	<b>17,185</b>	47	105	8/30/10	from R. Laskowski el.=5367.55
TONGUE RIVER	79,071	42,688	58,803	<b>68,490</b>	<b>55,154</b>	70	129	8/31/10	from data logger el.=3421.2
W.F. BITTERROOT	32,362	15,152	23,992	<b>31,999</b>	<b>22,998</b>	71	152	8/29/10	from A. Pernichele el.=4709.17
WILLOW CREEK	18,000	9,751	11,915	<b>17,522</b>	<b>11,245</b>	62	115	8/31/10	from P. Dassenko el.=4726.56
YELLOWWATER	3,842	1,079	1,600	<b>1,530</b>	<b>1,153</b>	30	107	8/26/10	from S. Sundheim el.=3109.3

\* 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