

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

March 31, 2010

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 3/31/2010	%AVERAGE 3/31/2010	Reading Date	COMMENTS
		AVERAGE 1960 - 2009	Last Year 3/31/2009	Last Month 2/28/2010	PRESENT 3/31/2010				
	Full Pool								
	Contents								
ACKLEY	6,140	3,163	1,511	4,080	4,132	67	131	3/30/10	from S. Sundeheim el.=4306.9
BAIR	7,300	4,299	2,828	4,200	4,643	64	108	3/30/10	from D. Mann el.=5313.63
CATARACT	1,478	378	330	526	526	36	139	3/31/10	volume estimated
COONEY	28,230	20,939	22,355	17,196	20,240	72	97	3/31/10	from J. Krook el.=42341 (20,150 AF)
COTTONWOOD	1,900	833	1,328	1,165	1,165	61	140	3/31/10	volume estimated
DEADMAN'S BASIN	75,968	48,237	50,130	42,847	49,050	65	102	3/31/10	from T. Hice el.=3907.1 (45,300 AF)
E.F. ROCK CREEK	16,040	9,209	11,980	12,255	12,850	80	140	3/31/10	from data logger el.=6047.0
FRENCHMAN	2,777	1,714	2,777	1,300	1,300	47	76	3/31/10	volume estimated
MARTINSDALE	23,348	8,832	8,768	18,745	17,366	74	197	3/30/10	from D. Mann el.=4772.6
MIDDLE CREEK	10,184	6,304	6,526	6,625	6,677	66	106	3/30/10	from data logger el.=6704.6
NEVADA CREEK	11,207	7,712	9,930	7,000	8,690	78	113	3/31/10	from J. Beck el.=4608.78
NILAN	10,992	6,614	9,171	8,849	9,130	83	138	3/31/10	from J. Beck el.=4438.81 (8230 AF)
N.F.K. SMITH RIVER	11,406	6,985	8,241	7,000	7,409	65	106	3/30/10	from D. Mann el.=5474.74
RUBY RIVER	36,633	30,973	30,879	26,500	30,365	83	98	3/22/10	from M. Norberg el.=5385.27
TONGUE RIVER	79,071	46,867	62,149	50,723	56,674	72	121	3/31/10	from data logger el.=3421.7
W.F. BITTERROOT	32,362	8,360	9,973	6,133	6,426	20	77	4/2/10	from A. Pernichele el.=4663.8
WILLOW CREEK	18,000	16,425	12,933	14,000	15,212	85	93	3/17/10	from M. Norberg el.=4732.53
YELLOWWATER	3,842	1,028	1,700	1,439	1,630	42	159	3/31/10	from B. Murphy el.=3111.4

* 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