

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 28, 2010

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 2/28/2010	%AVERAGE 2/28/2010	Reading Date	COMMENTS
		AVERAGE 1960 - 2009	Last Year 2/28/2009	Last Month 1/31/2010	PRESENT 2/28/2010				
	Full Pool								
	Contents								
ACKLEY	6,140	3,133	1,511	4,087	4,080	66	130	2/23/10	from S. Sundeheim el.=4306.65
BAIR	7,300	3,770	2,415	4,197	4,200	58	111	2/28/10	volume estimated
CATARACT	1,478	368	330	526	526	36	143	2/28/10	volume estimated
COONEY	28,230	18,681	19,286	16,814	17,196	61	92	3/3/10	from J. Krook el.=4236.41 (17,106 AF)
COTTONWOOD	1,900	596	1,056	1,165	1,165	61	195	2/28/10	volume estimated
DEADMAN'S BASIN	75,968	45,159	45,712	38,721	42,847	56	95	2/23/10	from S. Sundheim el.=3903.6 (39,097 AF)
E.F. ROCK CREEK	16,040	8,759	11,504	11,674	12,255	76	140	2/28/10	from data logger el.=6045.3
FRENCHMAN	2,777	1,103	1,556	1,300	1,300	47	118	2/28/10	volume estimated
MARTINSDALE	23,348	8,153	6,767	18,745	18,745	80	230	2/28/10	volume estimated
MIDDLE CREEK	10,184	6,086	6,496	6,694	6,625	65	109	2/26/10	from data logger el.=6704.3
NEVADA CREEK	11,207	5,476	8,222	6,800	7,000	62	128	2/28/10	from R. Hawkins el.=4603.44
NILAN	10,992	6,359	9,084	8,559	8,849	81	139	3/1/10	from J. Wolfe el.=4438.21 (7949 AF)
N.F.K. SMITH RIVER	11,406	6,196	7,373	6,870	7,000	61	113	2/28/10	volume estimated
RUBY RIVER	36,633	26,846	28,530	22,500	26,500	72	99	2/28/10	volume estimated
TONGUE RIVER	79,071	42,324	60,020	48,900	50,723	64	120	2/28/10	from data logger el.=3419.7
W.F. BITTERROOT	32,362	5,600	8,666	6,889	6,133	19	110	3/4/10	from A. Pernichele el.=4662.5
WILLOW CREEK	18,000	14,270	14,000	12,991	14,000	78	98	2/28/10	volume estimated
YELLOWWATER	3,842	927	1,450	1,439	1,439	37	155	2/28/10	volume estimated

* 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