

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

January 31, 2011

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 1/31/2011	%AVERAGE 1/31/2011	Reading Date	COMMENTS
		AVERAGE 1960 - 2010	Last Year 1/31/2010	Last Month 12/31/2010	PRESENT 1/31/2011				
	Full Pool								
	Contents								
ACKLEY	6,140	3,156	4,087	4,029	4,029	66	128	1/31/11	volume estimated
BAIR	7,300	3,454	4,197	5,504	5,500	75	159	1/31/11	volume estimated
CATARACT	1,478	417	526	276	276	19	66	1/31/11	volume estimated
COONEY	28,230	17,985	16,814	18,230	18,230	65	101	2/2/11	from J. Krook el.=4238.00 (18,140 AF)
COTTONWOOD	1,900	629	1,165	1,384	1,384	73	220	1/31/11	volume estimated
DEADMAN'S BASIN	75,968	40,838	38,721	65,107	65,107	86	159	1/31/11	volume estimated
E.F. ROCK CREEK	16,040	8,236	11,674	10,517	11,121	69	135	1/31/11	from data logger el.=6041.9
FRENCHMAN	2,777	1,424	1,300	2,000	2,000	72	140	11/30/10	volume estimated from G. Yeska
MARTINSDALE	23,348	8,199	18,745	18,080	18,080	77	221	1/31/11	volume estimated
MIDDLE CREEK	10,184	5,948	6,694	6,663	6,667	65	112	1/31/11	from data logger el.=6704.4
NEVADA CREEK	11,207	4,833	6,800	7,489	8,319	74	172	2/7/11	from R. Hawkins el.=4607.64
NILAN	10,992	5,845	8,559	6,447	6,447	59	110	1/31/11	volume estimated
N.FK. SMITH RIVER	11,406	5,807	6,870	8,000	8,000	70	138	1/31/11	volume estimated
RUBY RIVER	36,633	23,952	22,500	21,856	24,613	67	103	1/27/11	from R. Laskowski el.=5378.42
TONGUE RIVER	79,071	41,728	48,900	50,946	51,678	65	124	1/31/11	from data logger el.=3420.1
W.F. BITTERROOT	32,362	5,112	6,889	10,684	12,370	38	242	2/1/11	from A Pernichele el.=4684.3
WILLOW CREEK	18,000	11,825	12,991	7,366	7,500	42	63	1/31/11	volume estimated
YELLOWWATER	3,842	969	1,439	1,100	1,100	29	114	1/31/11	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