

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 29, 2012

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 2/29/2012	% AVERAGE 2/29/2012	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2011	2/28/2011	1/31/2012	2/29/2012				
	Full Pool								
	Contents								
ACKLEY	6,140	3,189	4,029	3,873	3,873	63	121	2/28/2012	volume estimated
BAIR	7,300	3,817	5,750	5,600	5,600	77	147	2/29/2012	volume estimated
CATARACT	1,478	377	276	412	412	28	109	2/28/2012	volume estimated
COONEY	28,230	18,640	18,956	18,100	18,626	66	100	3/2/2012	from J. Krook el.=4237.82 (18,536 AF)
COTTONWOOD	1,900	746	1,384	1,072	1,072	56	144	2/28/2012	volume estimated
DEADMAN'S BASIN	75,968	45,519	65,107	66,889	67,000	88	147	2/29/2012	volume estimated
E.F. ROCK CREEK	16,040	9,042	12,183	11,149	11,869	74	131	3/1/2012	from data logger el.=6044.2
FRENCHMAN	2,777	1,571	2,777	2,416	2,640	95	168	2/27/2012	from G. Yeska el.=2264.35
MARTINSDALE	23,348	8,555	18,080	8,651	9,000	39	105	2/29/2012	volume estimated
MIDDLE CREEK	10,184	6,139	6,566	5,134	4,496	44	73	3/1/2012	from data logger el.=6690.4
NEVADA CREEK	11,207	5,572	8,665	7,199	7,699	69	138	2/28/2012	from K. McGuire el.=4605.7
NILAN	10,992	6,444	7,338	8,361	8,577	78	133	2/29/2012	from J. Wolfe el.=4437.6 (7,677 AF)
N.FK. SMITH RIVER	11,406	6,257	8,500	7,500	8,000	70	128	2/29/2012	volume estimated
RUBY RIVER	36,633	26,892	29,347	28,036	33,228	91	124	2/29/2012	from T. Benn el.=5388.39
TONGUE RIVER	79,071	44,005	54,089	54,366	60,570	77	138	3/1/2012	from Data Logger el.=3423.0
W.F. BITTERROOT	32,362	5,951	13,139	8,677	8,623	27	145	2/29/2012	from A. Pernichele el.=4672.2
WILLOW CREEK	18,000	14,264	15,411	13,000	16,066	89	113	3/4/2012	from L. Kinne el.=4733.56
YELLOWATER	3,842	969	2,268	3,203	3,138	82	324	2/23/2012	from S. Sundheim el.=3116.6

* 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