

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

January 31, 2012

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 1/31/2012	% AVERAGE 1/31/2012	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2011	1/31/2011	12/31/2011	1/31/2012				
	Full Pool								
	Contents								
ACKLEY	6,140	3,182	4,029	3,873	3,873	63	122	1/31/2012	volume estimated
BAIR	7,300	3,495	5,500	5,487	5,600	77	160	1/31/2012	volume estimated
CATARACT	1,478	396	276	412	412	28	104	1/31/2012	volume estimated
COONEY	28,230	17,993	18,230	17,324	18,100	64	101	2/3/2012	from J. Krook el.=4237.82 (18,010 AF)
COTTONWOOD	1,900	721	1,384	1,072	1,072	56	149	1/31/2012	volume estimated
DEADMAN'S BASIN	75,968	41,402	65,107	66,730	66,889	88	162	2/1/2012	from T. Hice el.=3916.5 (63,139 AF)
E.F. ROCK CREEK	16,040	8,362	11,121	10,320	11,149	70	133	1/31/2012	from data logger el.=6042.0
FRENCHMAN	2,777	1,568	2,000	2,777	2,416	87	154	2/4/2012	from M. Cross el.=2264.0
MARTINSDALE	23,348	8,401	18,080	8,651	8,651	37	103	1/31/2012	volume estimated
MIDDLE CREEK	10,184	5,988	6,667	5,627	5,134	50	86	1/31/2012	from data logger el.=6694.5
NEVADA CREEK	11,207	4,911	8,319	6,739	7,199	64	147	1/31/2012	from K. McGuire el.=4604.09
NILAN	10,992	5,861	6,447	8,131	8,361	76	143	1/30/2012	from J. Wolfe el.=4437.12 (7,461 AF)
N.F.K. SMITH RIVER	11,406	5,851	8,000	7,224	7,500	66	128	1/31/2011	volume estimated
RUBY RIVER	36,633	23,968	24,613	25,324	28,036	77	117	1/27/2012	from J. Connors el.=5382.57
TONGUE RIVER	79,071	42,633	51,678	53,329	54,366	69	128	1/31/2011	from Data Logger el.=3420.9
W.F. BITTERROOT	32,362	5,414	12,370	9,226	8,677	27	160	1/31/2012	from A. Pernichele el.=4672.4
WILLOW CREEK	18,000	11,825	7,500	12,703	13,000	72	110	1/31/2012	volume estimated
YELLOWATER	3,842	969	1,100	3,203	3,203	83	331	1/31/2012	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