

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**April 30, 2012**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 4/30/2012	%AVERAGE 4/30/2012	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2011	4/30/2011	3/31/2012	4/30/2012				
	Full Pool								
	Contents								
ACKLEY	6,140	3,674	4,257	3,439	4,174	68	114	5/1/2012	from S. Sundheim el.=4307.1 ( 3,173 AF)
BAIR	7,300	5,263	7,423	6,336	7,229	99	137	5/1/2012	from D. Mann el.=5324.75
CATARACT	1,478	395	306	340	412	28	104	4/20/2012	from T. Benn el.=6322.92
COONEY	28,230	22,501	25,381	21,000	22,815	81	101	5/1/2012	from J. Krook
COTTONWOOD	1,900	1,524	2,166	1,384	1,760	93	115	4/30/2012	from P. Dassenko el.=5101.9
DEADMAN'S BASIN	75,968	52,986	68,450	68,009	70,511	93	133	5/1/2012	from D. Mann el.=3918.37 (66,761 AF)
E.F. ROCK CREEK	16,040	9,528	12,667	12,521	13,303	83	140	4/30/2012	from data logger el.=6048.3
FRENCHMAN	2,777	2,258	2,777	2,657	2,777	100	123	4/30/2012	from G. Yeska (spilling)
MARTINSDALE	23,348	12,068	17,702	11,137	16,635	71	138	5/1/2012	from D. Mann el.=4764.18
MIDDLE CREEK	10,184	6,624	5,603	4,346	5,900	58	89	4/30/2012	from data logger el.=6699.9
NEVADA CREEK	11,207	10,033	9,830	11,236	11,503	103	115	5/1/2012	from K. McGuire el.=4616.8
NILAN	10,992	7,095	8,087	8,895	9,440	86	133	4/26/2012	from J. Wolfe el.=4439.37 (8,540 AF)
N.FK. SMITH RIVER	11,406	8,719	10,834	8,553	10,306	90	118	5/2/2012	from K. Hochstradt el.=5484.72
RUBY RIVER	36,633	36,090	37,668	37,743	38,046	104	105	5/2/2012	from B. Grant el.=5393.4
TONGUE RIVER	79,071	49,744	52,417	54,562	66,057	84	133	4/30/2012	from Data Logger el.=3424.7
W.F. BITTERROOT	32,362	19,355	19,841	15,414	32,362	100	167	4/30/2012	from L. Schock (spilling)
WILLOW CREEK	18,000	17,329	15,387	18,000	16,805	93	97	4/24/2012	from L. Kinne
YELLOWATER	3,842	1,246	2,293	2,976	2,780	72	223	4/30/2012	from B. Murphy

\* 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