

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**August 31, 2012**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 8/31/2012	%AVERAGE 8/31/2012	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2011	8/31/2011	7/31/2012	8/31/2012				
	Full Pool								
	Contents								
ACKLEY	6,722	3,371	3,611	4,695	3,586	53	106	8/30/2012	elev.= 4304.26
BAIR	7,300	3,300	6,770	4,566	4,038	55	122	8/30/2012	elev.=5310.31
CATARACT	1,478	454	722	400	200	14	44	8/31/2012	volume estimated
COONEY	28,230	17,453	22,584	18,778	14,433	51	83	8/31/2012	elev.=4231.91
COTTONWOOD	1,900	725	1,386	1,020	611	32	84	8/28/2012	elev.=5094.35
DEADMAN'S BASIN	75,968	35,778	61,124	48,207	40,156	53	112	8/30/2012	elev.=3901.97 (36,406 AF)
E.F. ROCK CREEK	16,040	6,246	11,041	11,412	5,412	34	87	8/30/2012	elev.=6022.6
FRENCHMAN	2,777	1,577	1,577	1,657	500	18	32	8/30/2012	volume estimated
MARTINSDALE	23,348	9,598	11,819	11,736	8,978	38	94	8/30/2012	elev.=4760.68
MIDDLE CREEK	10,184	6,502	6,677	8,679	6,911	68	106	8/30/2012	elev.=6,705.9
NEVADA CREEK	11,207	6,407	6,280	9,065	5,225	47	82	8/27/2012	elev.=4597.16
NILAN	10,992	6,219	8,219	6,336	4,280	39	69	8/30/2012	elev.=4425.49
N.FK. SMITH RIVER	11,406	5,685	8,275	9,186	6,159	54	108	8/30/2012	elev.=5469.93
RUBY RIVER	36,633	16,499	20,526	23,967	12,490	34	76	8/30/2012	elev.=5358.75
TONGUE RIVER	79,071	44,548	52,542	65,465	47,721	60	107	8/30/2012	elev.=3418.5
W.F. BITTERROOT	32,362	15,757	22,421	31,271	18,128	56	115	9/3/2012	elev.=4698.97
WILLOW CREEK	18,000	9,773	9,349	9,360	5,700	32	58	8/31/2012	volume estimated
YELLOWATER	3,842	1,233	3,782	2,191	1,978	51	160	8/29/2012	elev.=3112.8

\* 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