

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**December 31, 2012**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY	%AVERAGE	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2011	12/31/2011	11/30/2012	12/31/2012				
	Full Pool								
	Contents								
ACKLEY	6,722	3,347	3,873	2,913	2,913	43	87	12/31/2012	volume estimated
BAIR	7,300	3,201	5,553	4,000	4,120	56	129	1/3/2013	elev.=5310.78
CATARACT	1,478	399	412	200	225	15	56	12/31/2012	volume estimated
COONEY	28,230	17,140	17,814	16,436	16,688	59	97	12/21/2012	elev.=4235.59 (16,598 AF)
COTTONWOOD	1,900	845	1,072	600	614	32	73	1/3/2013	elev.=5094.38
DEADMAN'S BASIN	75,968	37,060	65,570	43,950	46,566	61	126	1/3/2012	elev.=3905.71 (42,816AF)
E.F. ROCK CREEK	16,040	7,105	9,352	7,779	8,517	53	120	12/31/2012	elev.=6033.7
FRENCHMAN	2,777	1,214	0	1,829	1,758	63	145	1/5/2013	elev.=2262.7
MARTINSDALE	23,348	8,660	9,175	7,006	6,802	29	79	1/3/2013	elev.=4756.47
MIDDLE CREEK	10,184	5,681	5,902	5,515	5,428	53	96	12/31/2012	elev.=6696.8
NEVADA CREEK	11,207	4,456	6,040	4,119	4,595	41	103	1/3/2013	elev.=4594.7
NILAN	10,992	5,629	7,234	4,400	4,974	45	88	12/28/2012	elev.=4427.9 (4,074 AF)
N.FK. SMITH RIVER	11,406	5,377	7,009	5,900	6,508	57	121	1/3/2013	elev.=5471.20
RUBY RIVER	37,612	16,286	18,331	12,500	20,337	54	125	1/7/2013	elev.=55327.56
TONGUE RIVER	79,071	42,282	51,030	42,960	44,645	56	106	12/31/2012	elev.=3417.4
W.F. BITTERROOT	32,362	5,664	10,941	9,516	10,976	34	194	1/9/2013	elev.=4680.0
WILLOW CREEK	18,000	8,041	7,777	NA	NA	NA	NA	NA	elev.=NA
YELLOWATER	3,842	1,137	3,366	1,975	1,975	51	174	12/31/2012	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: 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