

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

September 30, 2011

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 9/30/2011	%AVERAGE 9/30/2011	READING DATE	COMMENTS
		AVERAGE 1960 - 2010	Last Year 9/30/2010	Last Month 8/31/2011	PRESENT 9/30/2011				
	Full Pool								
	Contents								
ACKLEY	6,140	3,297	5,060	3,611	3,760	61	114	9/30/2011	from M. Norris el.=4305.09 (3,433 AF)
BAIR	7,300	2,691	5,571	6,770	5,654	77	210	9/28/2011	from D. Mann el.=5318.48
CATARACT	1,478	369	419	722	445	30	121	9/28/2011	from T. Benn el.=6324.16
COONEY	28,230	14,946	17,905	22,584	18,075	64	121	9/28/2011	from S. Johnson el.=4237.91
COTTONWOOD	1,900	662	1,370	1,386	933	49	141	9/28/2011	from P. Dassenko el.=5097.31
DEADMAN'S BASIN	75,968	32,837	57,298	61,124	59,414	78	181	9/28/2011	from D. Mann el.=3912.66 (55,664 AF)
E.F. ROCK CREEK	16,040	5,611	7,489	11,041	7,797	49	139	9/30/2011	from data logger el.=6031.3
FRENCHMAN	2,777	1,686	2,777	1,707	0	0	0	9/30/2011	reservoir drained for rehab
MARTINSDALE	23,348	8,161	16,159	11,819	9,372	40	115	9/28/2011	from D. Mann el.=4761.32
MIDDLE CREEK	10,184	5,573	6,300	6,677	6,194	61	111	9/30/2011	from data logger el.=6701.74
NEVADA CREEK	11,207	4,270	6,013	6,280	4,524	40	106	9/30/2011	from R. Hawkins el.=4594.38
NILAN	10,992	5,489	6,447	8,219	6,849	62	125	9/30/2011	from J. Wolfe el.=4433.55
N.FK. SMITH RIVER	11,406	4,817	7,486	8,275	6,795	60	141	9/28/2011	from D. Mann el.=5472.38
RUBY RIVER	36,633	10,833	15,199	20,526	12,412	34	115	9/28/2011	from T. Benn el.=5358.58
TONGUE RIVER	79,071	39,678	51,647	51,808	47,388	60	119	9/30/2011	from Data Logger el.=3418.4
W.F. BITTERROOT	32,362	6,387	9,489	22,421	9,775	30	153	10/2/2011	from A. Pernichele el.=4676.3
WILLOW CREEK	18,000	7,526	7,222	9,349	7,397	41	98	8/29/2011	from T. Benn el.=4719.68
YELLOWATER	3,842	987	1,110	3,782	3,600	94	365	9/30/2011	from B. Murphy

* Note: Reservoir contents include dead storage at the following:

Ackley	325 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