

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

July 31, 2012

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 7/31/2012	%AVERAGE 7/31/2012	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2011	7/31/2011	6/30/2012	7/31/2012				
	Full Pool								
	Contents								
ACKLEY	6,722	4,185	4,495	5,455	4,695	70	112	8/1/2012	elev.= 4309.5
BAIR	7,300	4,704	7,455	7,261	4,566	63	97	7/31/2012	elev.=5313.22
CATARACT	1,478	691	1,279	N/A	400	27	58	7/31/2012	volume estimated
COONEY	28,230	24,523	26,055	21,023	18,778	67	77	7/31/2012	elev.=4238.84
COTTONWOOD	1,900	1,309	2,008	1,750	1,020	54	78	7/31/2012	elev.=5098.0
DEADMAN'S BASIN	75,968	45,269	66,120	63,470	48,207	63	106	7/31/2012	elev.=3906.63 (44,457 AF)
E.F. ROCK CREEK	16,040	9,615	15,384	14,300	11,412	71	119	7/31/2012	elev.=6042.8
FRENCHMAN	2,777	1,867	2,777	2,717	1,657	60	89	8/14/2012	elev.=2262.5
MARTINSDALE	23,348	14,032	17,702	17,891	11,736	50	84	7/31/2012	elev.=4765.13
MIDDLE CREEK	10,184	8,667	9,403	10,100	8,679	85	100	7/31/2012	elev.=6,714.7
NEVADA CREEK	11,207	8,956	11,190	10,970	9,065	81	101	8/1/2012	elev.=4609.9
NILAN	10,992	7,527	10,850	9,986	6,336	58	84	8/3/2012	elev.=4432.2
N.FK. SMITH RIVER	11,406	7,916	11,406	11,406	9,186	81	116	7/31/2012	elev.=5480.98
RUBY RIVER	36,633	28,110	31,218	34,565	23,967	65	85	7/31/2012	elev.=5377.58
TONGUE RIVER	79,071	57,021	62,239	79,833	65,465	83	115	7/31/2012	elev.=3424.5
W.F. BITTERROOT	32,362	29,475	32,362	32,362	31,271	97	106	8/3/2012	elev.=4723.7
WILLOW CREEK	18,000	13,560	16,645	13,032	9,360	52	69	7/28/2012	elev.=4723.27
YELLOWATER	3,842	1,368	3,975	2,521	2,191	57	160	7/28/2012	elev.=3113.6

* 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