

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

July 31, 2011

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 7/31/2011	% AVERAGE 7/31/2011	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2010	7/31/2010	6/30/2011	7/31/2011				
	Full Pool								
	Contents								
ACKLEY	6,140	4,178	5,649	5,317	4,495	73	108	8/1/2011	from R. Epkes el.=4308.61 (4,170 AF)
BAIR	7,300	4,649	7,167	7,455	7,455	102	160	7/27/2011	from D. Mann el.=5325.55
CATARACT	1,478	632	1,214	1,402	1,279	87	202	7/28/2011	from P. Dassenko el.=6348.37
COONEY	28,230	22,505	27,263	26,055	25,547	90	114	7/31/2011	from J. Krook el.=4247.89 (25,457 AF)
COTTONWOOD	1,900	1,240	1,974	2,166	2,008	106	162	7/29/2011	from P. Dassenko el.=5102.91
DEADMAN'S BASIN	75,968	44,834	71,400	70,301	66,120	87	147	7/27/2011	from D. Mann el.=3916.1 (62,370 AF)
E.F. ROCK CREEK	16,040	9,470	13,410	16,418	15,384	96	162	8/2/2011	from data logger el.=6053.8
FRENCHMAN	2,777	1,563	1,859	2,800	2,777	100	178	7/31/2011	estimated from G. Yeska
MARTINSDALE	23,348	13,959	20,969	20,016	17,702	76	127	7/27/2011	from D. Mann el.=4773.01
MIDDLE CREEK	10,184	8,626	9,712	9,629	9,403	92	109	8/2/2011	from data logger el.=6717.9
NEVADA CREEK	11,207	8,903	10,349	11,425	11,190	100	126	7/30/2011	from R. Hawkins el.=4615.96
NILAN	10,992	7,459	8,831	10,850	10,850	99	145	7/31/2011	from J. Wolfe
N.FK. SMITH RIVER	11,406	7,846	11,135	11,553	11,406	100	145	7/27/2011	from D. Mann el.=5488.3
RUBY RIVER	36,633	28,037	29,124	39,305	31,218	85	111	7/30/2011	elevation=5386.2
TONGUE RIVER	79,071	56,547	68,490	82,398	61,607	78	109	8/2/2011	from Data Logger el.=3423.3
W.F. BITTERROOT	32,362	29,349	31,999	32,362	32,362	100	110	8/1/2011	from A. Pernichele
WILLOW CREEK	18,000	13,496	17,522	18,607	16,645	92	123	7/28/2011	from P. Dassenko el.=4734.33
YELLOWATER	3,842	1,231	1,530	4,036	3,975	103	323	7/28/2011	from T. Olson el.=3118.95

* 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