

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 31, 2011

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 12/31/2011	% AVERAGE 12/31/2011	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2010	12/31/2010	11/30/2011	12/31/2011				
ACKLEY	6,140	3,008	4,014	3,873	3,873	63	129	12/31/2011	volume estimated
BAIR	7,300	3,342	5,504	5,553	5,487	75	164	1/4/2012	from M. Norberg el.=5317.73
CATARACT	1,478	391	276	412	412	28	105	12/31/2011	volume estimated
COONEY	28,230	17,536	18,230	17,814	17,324	61	99	1/2/2012	from J. Krook el.=4236.6 (17,234 AF)
COTTONWOOD	1,900	748	1,384	1,072	1,072	56	143	1/1/2012	volume estimated
DEADMAN'S BASIN	75,968	38,954	65,107	65,570	66,730	88	171	1/4/2012	from M. Norberg el.=3916.4
E.F. ROCK CREEK	16,040	7,862	10,517	9,352	10,320	64	131	12/31/2011	from data logger el.=6039.5
FRENCHMAN	2,777	1,619	2,000	0	2,777	100	172	1/9/2012	from M. Cross (currently spilling)
MARTINSDALE	23,348	8,529	18,080	9,175	8,651	37	101	1/4/2012	from M. Norberg el.=4760.15
MIDDLE CREEK	10,184	5,923	6,633	5,902	5,627	55	95	12/31/2011	from data logger el.=6698.1
NEVADA CREEK	11,207	4,469	7,489	6,040	6,739	60	151	1/1/2012	from R. Hawkins el.=4602.56
NILAN	10,992	5,828	6,447	7,234	8,131	74	140	1/6/2012	from M. Norberg el.=4436.6 (7,231 AF)
N.FK. SMITH RIVER	11,406	5,602	8,000	7,009	7,224	63	129	1/4/2012	from M. Norberg el.=5474.03
RUBY RIVER	36,633	20,145	21,856	18,331	25,324	69	126	1/9/2012	el.=5379.34
TONGUE RIVER	79,071	41,649	50,946	51,030	53,329	67	128	12/31/2011	from Data Logger el.=3420.6
W.F. BITTERROOT	32,362	5,920	10,684	10,941	9,226	29	156	1/4/2012	from L.Schock el.=4674.43
WILLOW CREEK	18,000	9,483	7,366	7,777	12,703	71	134	1/9/2012	from M. Norberg el.=4729.09
YELLOWATER	3,842	919	1,100	3,366	2,950	77	321	1/2/2012	from B. Murphy

* 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