

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

March 31, 2012

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 3/31/2012	% AVERAGE 3/31/2012	READING DATE	COMMENTS
		AVERAGE 1960 - 2011	Last Year 3/31/2012	Last Month 2/28/2012	PRESENT 38/31/2012				
ACKLEY	6,140	2,111	4,215	3,873	3,439	56	163	3/28/2012	from S. Sundheim el.=4303.55 (2,438 AF)
BAIR	7,300	4,343	6,212	5,600	6,336	87	146	3/29/2012	from D. Mann el.=5321.35
CATARACT	1,478	389	300	412	340	23	87	3/30/2012	volume estimated
COONEY	28,230	20,953	22,055	18,626	20,102	71	96	3/22/2012	from J. Krook el.=4240.8 (20,012 AF)
COTTONWOOD	1,900	963	1,940	1,072	1,384	73	144	3/30/2012	from P. Dassenko el.=5100.03
DEADMAN'S BASIN	75,968	48,612	65,810	67,000	68,009	90	140	3/29/2012	from D. Mann el.=3917.05 (64,259 AF)
E.F. ROCK CREEK	16,040	9,454	12,183	11,869	12,521	78	132	4/3/2012	from M. Norberg el.=6046.06
FRENCHMAN	2,777	1,876	2,777	2,640	2,657	96	142	4/3/2012	from G. Yeska el.=2264.4
MARTINSDALE	23,348	9,175	17,793	9,000	11,137	48	121	3/29/2012	from D. Mann el.=4764.18
MIDDLE CREEK	10,184	6,328	6,374	4,496	4,346	43	69	4/2/2012	from data logger el.=6689.3
NEVADA CREEK	11,207	7,806	11,207	7,699	11,236	100	144	3/30/2012	from K. McGuire el.=4616.15
NILAN	10,992	6,683	7,637	8,577	8,895	81	133	3/27/2012	el.=4438.3 (7,995 AF)
N.FK. SMITH RIVER	11,406	7,024	8,549	8,000	8,553	75	122	3/29/2012	from D. Mann el.=5478.1
RUBY RIVER	36,633	31,002	32,933	33,228	37,743	103	122	3/30/2012	from D. Larson el.=5393.1
TONGUE RIVER	79,071	48,578	57,584	60,570	54,562	69	112	4/2/2012	from Data Logger el.=3421.1
W.F. BITTERROOT	32,362	8,628	16,731	8,623	15,414	48	179	3/31/2012	from A. Pernichele el.=4692.5
WILLOW CREEK	18,000	16,393	16,000	16,066	18,000	100	110	3/25/2012	from L. Kinne el.=4736.0
YELLOWATER	3,842	1,120	2,000	3,138	2,976	77	266	3/30/2012	from S. Sundheim el.=3116.1

* 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