

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 28, 2011

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 2/28/2011	%AVERAGE 2/28/2011	Reading Date	COMMENTS
		AVERAGE 1960 - 2010	Last Year 2/28/2010	Last Month 1/31/2011	PRESENT 2/28/2011				
	Full Pool								
	Contents								
ACKLEY	6,140	3,163	4,080	4,029	4,029	66	127	3/1/11	volume estimated
BAIR	7,300	3,779	4,200	5,500	5,750	79	152	3/1/11	volume estimated
CATARACT	1,478	394	526	276	276	19	70	3/1/11	volume estimated
COONEY	28,230	18,628	17,196	18,230	18,956	67	102	3/1/11	from J. Krook el.=4239.12 (18,886 AF)
COTTONWOOD	1,900	667	1,165	1,384	1,384	73	207	3/1/11	volume estimated
DEADMAN'S BASIN	75,968	45,110	42,847	65,107	65,107	86	144	3/1/11	volume estimated
E.F. ROCK CREEK	16,040	8,918	12,255	11,121	11,769	73	132	3/7/11	from data logger el.=6043.9
FRENCHMAN	2,777	1,169	1,300	2,000	2,777	100	238	2/12/11	volume estimated from G. Yeska
MARTINSDALE	23,348	8,365	18,745	18,080	18,080	77	216	3/1/11	volume estimated
MIDDLE CREEK	10,184	6,116	6,625	6,667	6,566	64	107	3/7/11	from data logger el.=6703.8
NEVADA CREEK	11,207	5,508	7,000	8,319	8,665	77	157	2/28/11	from R. Hawkins el.=4608.7
NILAN	10,992	6,421	8,849	6,447	7,338	67	114	3/8/11	from J. Wolfe el.=4434.75 (6,438 AF)
N.F.K. SMITH RIVER	11,406	6,212	7,000	8,000	8,500	75	137	3/1/11	volume estimated
RUBY RIVER	36,633	26,839	26,500	24,613	29,347	80	109	3/5/11	from R. Laskowski el.=5384.1
TONGUE RIVER	79,071	43,088	50,723	51,678	54,089	68	126	3/7/11	from data logger el.=3420.8
W.F. BITTERROOT	32,362	5,624	6,133	12,370	13,139	41	234	3/1/11	from A Pernichele el.=4686.5
WILLOW CREEK	18,000	14,264	14,000	7,500	15,411	86	108	3/7/11	from R. Laskowski el.=4732.73
YELLOWWATER	3,842	969	1,439	1,100	2,268	59	234	2/28/11	from S. Sundheim

* 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