

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 30, 2010

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 4/30/2010	%AVERAGE 4/30/2010	Reading Date	COMMENTS
		AVERAGE 1960 - 2009	Last Year 4/30/2009	Last Month 3/31/2010	PRESENT 4/30/2010				
	Full Pool								
	Contents								
ACKLEY	6,140	3,648	1,502	4,132	4,194	68	115	4/28/10	from S. Sundeheim el.=4307.2
BAIR	7,300	5,225	3,474	4,643	5,012	69	96	4/28/10	from D. Mann el.=5315.49
CATARACT	1,478	389	400	526	526	36	135	4/30/10	volume estimated
COONEY	28,230	22,394	20,737	20,240	22,507	80	101	5/3/10	from J. Krook el.=4244.41 (22,417 AF)
COTTONWOOD	1,900	1,451	1,510	1,165	1,542	81	106	4/29/10	from B. Gartland el.=5100.83
DEADMAN'S BASIN	75,968	52,691	54,762	49,050	52,010	68	99	4/28/10	from D. Mann el.=3908.75 (48,260 AF)
E.F. ROCK CREEK	16,040	9,334	11,708	12,850	13,375	83	143	4/30/10	from data logger el.=6048.5
FRENCHMAN	2,777	1,739	2,717	1,300	2,777	100	160	4/30/10	volume estimated from M. Cross
MARTINSDALE	23,348	11,794	14,162	17,366	20,120	86	171	4/28/10	from D. Mann el.=4775.83
MIDDLE CREEK	10,184	6,627	6,526	6,677	7,597	75	115	4/28/10	measured from catwalk el.=6709.64
NEVADA CREEK	11,207	10,023	10,557	8,690	10,717	96	107	4/30/10	from R. Hawkins el.=4614.65
NILAN	10,992	7,031	10,882	9,130	9,407	86	134	4/30/10	from J. Wolfe el.=4439.41 (8507 AF)
N.F.K. SMITH RIVER	11,406	8,679	10,963	7,409	8,604	75	99	4/28/10	from D. Mann el.=5478.98
RUBY RIVER	36,633	36,022	34,789	30,365	37,733	103	105	4/30/10	from P. dassenko el.=5393.1
TONGUE RIVER	79,071	48,085	53,329	56,674	63,669	81	132	4/30/10	from data logger el.=3424.0
W.F. BITTERROOT	32,362	19,693	30,785	6,426	11,106	34	56	4/24/10	from A. Pernichele el.=4680.4
WILLOW CREEK	18,000	17,371	18,400	15,212	17,203	96	99	4/30/10	From P. Dassenko el.=4735.0
YELLOWWATER	3,842	1,144	1,700	1,630	1,630	42	142	4/30/10	volume estimated

* 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