

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

May 31, 2010

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 5/31/2010	%AVERAGE 5/31/2010	Reading Date	COMMENTS
		AVERAGE 1960 - 2009	Last Year 5/31/2009	Last Month 4/30/2010	PRESENT 5/31/2010				
	Full Pool								
	Contents								
ACKLEY	6,140	4,679	3,803	4,194	6,447	105	138	6/1/10	from S. Sundheim el.=4316.9 (5446 AF)
BAIR	7,300	5,652	4,778	5,012	6,108	84	108	5/26/10	from D. Mann el.=5320.42
CATARACT	1,478	518	400	526	488	33	94	5/28/10	from P. Dassenko el.=6325.78
COONEY	28,230	23,949	24,710	22,507	27,878	99	116	5/31/10	from J. Krook el.= 4250.58 (27,788 AF)
COTTONWOOD	1,900	1,488	2,055	1,542	1,853	98	125	5/27/10	from B. Gartland el.=5102.29
DEADMAN'S BASIN	75,968	53,077	63,940	52,010	54,999	72	104	6/2/10	from T. Hice el.=3910.34
E.F. ROCK CREEK	16,040	10,500	14,865	13,375	13,838	86	132	5/31/10	from data logger el.=6049.8
FRENCHMAN	2,777	2,415	2,717	2,777	2,777	100	115	5/31/10	volume estimated
MARTINSDALE	23,348	15,845	22,885	20,120	19,808	85	125	5/26/10	from D. Mann el.=4775.5
MIDDLE CREEK	10,184	9,398	8,575	7,597	8,591	84	91	5/27/10	from B. Gartland el.=6714.29
NEVADA CREEK	11,207	11,067	11,460	10,717	10,847	97	98	6/1/10	from J. Beck el.=4615.01
NILAN	10,992	8,381	10,705	9,407	9,996	91	119	6/1/10	from J. Beck el.=4440.62 (9096 AF)
N.F.K. SMITH RIVER	11,406	10,229	11,553	8,604	11,434	100	112	5/26/10	from D. Mann el.=5488.39
RUBY RIVER	36,633	37,452	38,531	37,733	38,137	104	102	5/28/10	from P. Dassenko el.=5393.49
TONGUE RIVER	79,071	66,228	69,540	63,669	81,788	103	123	5/31/10	from data logger el.=3429.1
W.F. BITTERROOT	32,362	32,558	33,250	11,106	32,362	100	99	6/1/10	from L. Schock
WILLOW CREEK	18,000	16,711	18,400	17,203	17,522	97	105	5/28/10	From P. Dassenko el.=4735.43
YELLOWWATER	3,842	1,269	1,800	1,630	1,530	40	121	5/31/10	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