

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 31, 2009

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 12/31/2009	%AVERAGE 12/31/2009	Reading Date	COMMENTS
		AVERAGE 1960 - 2008	Last Year 12/31/2009	Last Month 11/30/2009	PRESENT 12/31/2009				
	Full Pool								
	Contents								
ACKLEY	6,140	2,934	1,469	4,014	4,014	65	137	12/31/09	volume estimated
BAIR	7,300	3,282	2,132	4,004	4,050	55	123	12/31/09	volume estimated
CATARACT	1,478	387	340	526	526	36	136	12/31/09	volume estimated
COONEY	28,230	17,537	17,260	16,877	16,814	60	96	1/4/10	from J. Krook el.=4235.77 (16,724AF)
COTTONWOOD	1,900	485	1,020	1,165	1,165	61	240	12/31/09	volume estimated
DEADMAN'S BASIN	75,968	38,429	38,241	31,996	34,321	45	89	12/29/09	el.=3898.4 (30,571 AF)
E.F. ROCK CREEK	16,040	7,559	10,975	10,224	10,975	68	145	12/31/09	from data logger el.=6041.5
FRENCHMAN	2,777	1,556	1,556	1,300	1,300	47	84	12/31/09	volume estimated
MARTINSDALE	23,348	8,081	7,141	18,655	18,655	80	231	12/31/09	volume estimated
MIDDLE CREEK	10,184	5,830	6,496	6,237	6,504	64	112	12/21/09	from data logger el.=6703.6
NEVADA CREEK	11,207	4,340	7,333	6,464	6,635	59	153	12/31/09	from R. Hawkins el.=4602.21 (volume estimated)
NILAN	10,992	5,660	7,450	7,650	8,131	74	144	12/31/09	from J. Wolfe el.=4436.6 (7,231 AF)
N.F.K. SMITH RIVER	11,406	5,520	6,500	6,615	6,700	59	121	12/31/09	volume estimated
RUBY RIVER	36,633	20,116	19,500	17,900	19,554	53	97	12/31/09	from Neil Todd (volume estimated)
TONGUE RIVER	79,071	39,897	48,900	48,379	48,119	61	121	12/31/09	from data logger el.=3418.7
W.F. BITTERROOT	32,362	5,601	9,400	8,535	7,539	23	135	1/1/10	from A. Pernichele el.=4671.86
WILLOW CREEK	18,000	9,512	9,200	10,500	10,500	58	110	12/31/09	volume estimated
YELLOWATER	3,842	895	1,450	1,450	1,050	27	117	12/31/09	volume estimated

* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**
Cooney	90 AF	**
Deadman's	3750 AF	**
Nilan	900 AF	**

** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)

Tongue River	711 AF (O&M storage table includes dead storage)
W. F. Bitterroot	656 AF (O&M storage table includes dead storage)
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