

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

October 31, 2011

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 10/31/2011	% AVERAGE 10/31/2011	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2010	10/31/2010	9/30/2011	10/31/2011				
	Full Pool								
	Contents								
ACKLEY	6,140	3,196	4,014	3,760	3,873	63	121	11/3/2011	from R. Epkes el.=4305.65 (3,548 AF)
BAIR	7,300	2,940	5,504	5,654	5,553	76	189	10/27/2011	from D. Mann el.=5318.03
CATARACT	1,478	365	276	445	412	28	113	10/27/2011	from T. Benn el.=6322.92
COONEY	28,230	16,514	18,692	18,075	17,645	63	107	11/1/2011	from J. Krook el.=4237.08 (17,555) AF
COTTONWOOD	1,900	771	1,384	933	987	52	128	10/28/2011	from P. Dassenko el.=5097.74
DEADMAN'S BASIN	75,968	34,207	59,832	59,414	65,570	86	192	10/27/2011	from D. Mann el.=3915.82 (61,820 AF)
E.F. ROCK CREEK	16,040	5,975	8,720	7,797	8,240	51	138	10/31/2011	from data logger el.=6032.8
FRENCHMAN	2,777	1,878	2,777	0	0	0	0	10/31/2011	reservoir drained for rehab
MARTINSDALE	23,348	8,429	17,218	9,372	9,175	39	109	10/27/2011	from D. Mann el.=4761.00
MIDDLE CREEK	10,184	5,528	6,044	6,194	5,660	56	102	10/31/2011	from data logger el.=6698.1
NEVADA CREEK	11,207	4,182	6,480	4,524	5,210	46	125	10/31/2011	from R. Hawkins el.=4597.12
NILAN	10,992	5,309	6,447	6,849	7,234	66	136	10/28/2011	from J. Wolfe el.=4434.5
N.FK. SMITH RIVER	11,406	5,089	7,885	6,795	7,009	61	138	10/27/2011	from D. Mann el.=5473.2
RUBY RIVER	36,633	12,577	18,600	12,412	15,217	42	121	10/27/2011	from T. Benn el.=5364.1
TONGUE RIVER	79,071	41,460	51,244	47,388	51,745	65	125	10/31/2011	from Data Logger el.=3420.1
W.F. BITTERROOT	32,362	5,260	9,951	9,775	11,008	34	209	11/3/2011	from A. Pernichele el.=4680.15
WILLOW CREEK	18,000	7,491	7,366	7,397	7,777	43	104	10/27/2011	from T. Benn el.=4720.49
YELLOWATER	3,842	1,001	1,100	3,600	3,366	88	336	10/25/2011	from S. Sundheim el.=3117.3

* 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