

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**November 30, 2011**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 11/30/2011	% AVERAGE 11/30/2011	READING DATE	COMMENTS
		AVERAGE 1960 - 2010	Last Year 11/30/2010	Last Month 10/31/2011	PRESENT 11/30/2011				
	Full Pool								
	Contents								
ACKLEY	6,140	3,196	4,014	<b>3,873</b>	<b>3,873</b>	63	121	11/30/2011	volume estimated
BAIR	7,300	2,940	5,504	<b>5,553</b>	<b>5,553</b>	76	189	11/30/2011	volume estimated
CATARACT	1,478	365	276	<b>412</b>	<b>412</b>	28	113	11/30/2011	volume estimated
COONEY	28,230	16,514	18,692	<b>17,645</b>	<b>17,814</b>	63	108	12/1/2011	from J. Krook el.=4235.77 (16,724) AF
COTTONWOOD	1,900	771	1,384	<b>987</b>	<b>1,072</b>	56	139	12/6/2011	from M. Norberg el.=5098.3 (ice effected)
DEADMAN'S BASIN	75,968	34,207	59,832	<b>65,570</b>	<b>65,570</b>	86	192	11/30/2011	volume estimated
E.F. ROCK CREEK	16,040	5,975	8,720	<b>8,240</b>	<b>9,352</b>	58	157	12/1/2011	from data logger el.=6036.5
FRENCHMAN	2,777	1,878	2,777	<b>0</b>	<b>0</b>	0	0	11/30/2011	reservoir drained for rehab
MARTINSDALE	23,348	8,429	17,218	<b>9,175</b>	<b>9,175</b>	39	109	11/30/2011	volume estimated
MIDDLE CREEK	10,184	5,528	6,044	<b>5,660</b>	<b>5,902</b>	58	107	12/1/2011	from data logger el.=6699.7
NEVADA CREEK	11,207	4,182	6,480	<b>5,210</b>	<b>6,040</b>	54	144	11/30/2011	from R. Hawkins el.=4600.15
NILAN	10,992	5,309	6,447	<b>7,234</b>	<b>7,234</b>	66	136	11/30/2011	volume estimated
N.FK. SMITH RIVER	11,406	5,089	7,885	<b>7,009</b>	<b>7,009</b>	61	138	11/30/2011	volume estimated
RUBY RIVER	36,633	12,577	18,600	<b>15,217</b>	<b>18,331</b>	50	146	11/22/2011	from B. Grant el.=5369.5
TONGUE RIVER	79,071	41,460	51,244	<b>51,745</b>	<b>51,030</b>	65	123	12/1/2011	from Data Logger el.=3419.8
W.F. BITTERROOT	32,362	5,260	9,951	<b>11,008</b>	<b>10,941</b>	34	208	11/17/2011	from L.Schock el.=4679.9
WILLOW CREEK	18,000	7,491	7,366	<b>7,777</b>	<b>7,777</b>	43	104	11/30/2011	volume estimated
YELLOWATER	3,842	1,001	1,100	<b>3,366</b>	<b>3,366</b>	88	336	10/25/2011	volume estimated

\* 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