

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**June 30, 2011**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 6/30/2011	%AVERAGE 6/30/2011	READING DATE	COMMENTS
		AVERAGE 1960 - 2010	Last Year 6/30/2010	Last Month 5/31/2011	PRESENT 6/30/2011				
	Full Pool								
	Contents								
ACKLEY	6,140	5,204	6,098	<b>5,728</b>	<b>5,317</b>	87	102	6/27/2011	from M. Norberg el.=4312.27
BAIR	7,300	5,376	7,455	<b>7,455</b>	<b>7,455</b>	102	139	6/29/2011	from D. Mann el.=5325.55
CATARACT	1,478	687	1228	<b>500</b>	<b>1,402</b>	95	204	6/29/2011	from B. Holling el.=6352.1
COONEY	28,230	24,469	27,878	<b>28,230</b>	<b>26,055</b>	92	106	7/1/2011	from J. Krook el. 4248.48 (25,965 AF)
COTTONWOOD	1,900	1,564	2,024	<b>2,024</b>	<b>2,166</b>	114	138	6/27/2011	from P. Dassenko el.=5103.47
DEADMAN'S BASIN	75,968	53,485	70,281	<b>76,170</b>	<b>70,301</b>	93	131	6/29/2011	from D. Mann el.=3918.20 (66,551 AF)
E.F. ROCK CREEK	16,040	12,210	16,531	<b>13,304</b>	<b>16,418</b>	102	134	7/7/2011	from data logger el.=6056.5
FRENCHMAN	2,777	2,657	2,777	<b>2,777</b>	<b>2,800</b>	101	105	6/30/2011	estimated from G. Yeska
MARTINSDALE	23,348	16,562	23,376	<b>19,912</b>	<b>20,016</b>	86	121	6/29/2011	from D. Mann el.=4775.72
MIDDLE CREEK	10,184	10,050	10,184	<b>7,867</b>	<b>9,629</b>	95	96	6/30/2011	from data logger el.=6718.8
NEVADA CREEK	11,207	10,184	11,207	<b>11,522</b>	<b>11,425</b>	102	112	6/30/2011	from R. Hawkins el.=4616.59
NILAN	10,992	8,671	10,968	<b>10,809</b>	<b>10,850</b>	99	125	6/30/2011	from J. Wolfe
N.FK. SMITH RIVER	11,406	9,616	11,553	<b>11,553</b>	<b>11,553</b>	101	120	6/29/2011	from D. Mann el.=5488.77
RUBY RIVER	36,633	35,192	38,268	<b>38,570</b>	<b>39,305</b>	107	112	6/30/2011	from S. Cook el.=5394.65
TONGUE RIVER	79,071	69,265	81,400	<b>81,617</b>	<b>82,398</b>	104	119	6/30/2011	from Data Logger el.=3429.3
W.F. BITTERROOT	32,362	30,649	32,362	<b>33,108</b>	<b>32,362</b>	100	106	7/1/2011	spilling
WILLOW CREEK	18,000	16,125	18,911	<b>16,613</b>	<b>18,607</b>	103	115	6/30/2011	from S. Cook el.=4736.58
YELLOWATER	3,842	1,322	1,530	<b>3,842</b>	<b>4,036</b>	105	305	6/28/2011	from T. Olson el.=3119.10

\* 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