

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

May 31, 2012

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 5/31/2012	%AVERAGE 5/31/2012	READING DATE	COMMENTS
		AVERAGE 1960 - 2011	Last Year 5/31/2011	Last Month 4/30/2012	PRESENT 5/31/2012				
	Full Pool								
	Contents								
ACKLEY	6,722	4,725	5,728	4,174	6,117	91	129	6/1/2012	from M.Norris el.=4315.58 (5,116 AF)
BAIR	7,300	5,696	7,455	7,229	7,455	102	131	5/31/2012	from D. Mann el.=5325.55
CATARACT	1,478	514	500	412	473	32	92	6/1/2012	from T. Benn el.=6325.22
COONEY	28,230	24,232	28,230	22,815	20,453	72	84	5/31/2012	from J. Krook el.=4241.3 (20,363 AF)
COTTONWOOD	1,900	1,563	2,024	1,760	1,953	103	125	5/29/2012	from P. Dassenko el.=5102.69
DEADMAN'S BASIN	75,968	53,558	76,170	70,511	70,401	93	131	5/31/2012	from D. Mann el.=3918.25 (66,751 AF)
E.F. ROCK CREEK	16,040	10,649	13,304	13,303	13,795	86	130	6/1/2012	from data logger el.=6049.7
FRENCHMAN	2,777	2,596	2,777	2,777	2,777	100	107	5/23/2012	from G. Yeska (spilling)
MARTINSDALE	23,348	15,999	19,912	16,635	20,535	88	128	5/31/2012	from D. Mann el.=4776.27
MIDDLE CREEK	10,184	9,275	7,867	5,900	9,757	96	105	6/1/2012	from data logger el.=6,719.3
NEVADA CREEK	11,207	11,072	11,522	11,503	11,233	100	101	5/31/2012	from K. McGuire el.=4616.07
NILAN	10,992	8,453	10,809	9,440	10,849	99	128	5/30/2012	volume estimated from J. Wolfe
N.FK. SMITH RIVER	11,406	10,277	11,553	10,306	11,553	101	112	5/31/2012	from D. Mann el.=5488.77
RUBY RIVER	36,633	37,492	38,570	38,046	37,541	102	100	5/24/2012	el.=5392.9
TONGUE RIVER	79,071	68,807	81,617	66,057	81,176	103	118	6/1/2012	from Data Logger el.=3429.0
W.F. BITTERROOT	32,362	32,571	33,108	32,362	32,362	100	99	5/31/2012	spilling
WILLOW CREEK	18,000	16,725	16,613	16,805	14,733	82	88	5/24/2012	el.=4731.9
YELLOWATER	3,842	1,404	3,842	2,780	2,727	71	194	5/30/2012	from T. Olson el.=3115.33

* 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