

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

June 30, 2012

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 6/30/2012	%AVERAGE 6/30/2012	READING DATE	COMMENTS
		AVERAGE	Last Year	Last Month	PRESENT				
		1960 - 2011	6/30/2011	5/31/2012	6/30/2012				
	Full Pool								
	Contents								
ACKLEY	6,722	5,206	5,317	6,117	5,455	81	105	7/1/2012	el.=4312.91 (4,454 AF)
BAIR	7,300	5,416	7,455	7,455	7,261	99	134	6/28/2012	from D. Mann el.=5324.86
CATARACT	1,478	758	1,402	473	N/A	N/A	N/A	N/A	no measurement due to fire activity
COONEY	28,230	24,523	26,055	20,453	21,023	74	86	6/29/2012	from J. Krook el.=4242.06 (20,933 AF)
COTTONWOOD	1,900	1,619	2,166	1,953	1,750	92	108	6/27/2012	from P. Dassenko el.=5101.85
DEADMAN'S BASIN	75,968	53,814	70,301	70,401	63,470	84	118	6/28/2012	from D. Mann el.=3914.76 (59,720 AF)
E.F. ROCK CREEK	16,040	12,318	16,418	13,795	14,300	89	116	6/30/2012	from data logger el.=6051.15
FRENCHMAN	2,777	2,693	2,800	2,777	2,717	98	101	7/4/2012	el.=2264.54
MARTINSDALE	23,348	16,628	20,016	20,535	17,891	77	108	6/28/2012	from D. Mann el.=4773.24
MIDDLE CREEK	10,184	10,027	9,629	9,757	10,100	99	101	6/30/2012	from data logger el.=6,720.64
NEVADA CREEK	11,207	10,211	11,425	11,233	10,970	98	107	6/29/2012	from K. McGuire el.=4615.35
NILAN	10,992	8,715	10,850	10,849	9,986	91	115	6/27/2012	el.=4440.6 (9,086 AF)
N.FK. SMITH RIVER	11,406	9,654	11,553	11,553	11,406	100	118	6/28/2012	from D. Mann el.=5488.3
RUBY RIVER	36,633	35,280	39,305	37,541	34,565	94	98	6/28/2012	el.=5389.85
TONGUE RIVER	79,071	70,360	82,398	81,176	79,833	101	113	6/30/2012	from Data Logger el.=3428.6
W.F. BITTERROOT	32,362	30,718	32,362	32,362	32,362	100	105	6/29/2012	spilling
WILLOW CREEK	18,000	16,174	18,607	14,733	13,032	72	81	6/28/2012	el.=4729.72
YELLOWATER	3,842	1,473	4,036	2,727	2,521	66	171	6/29/2012	el.=3114.7

* 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