

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 31, 2013

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 12/31/2014	%AVERAGE 12/31/2014	READING DATE	COMMENTS
		AVERAGE 1960 - 2012	Last Year 12/31/2012	Last Month 11/30/2013	PRESENT 12/31/2013				
ACKLEY	6,722	3,033	2,913	3,586	3,586	53	118	12/31/2013	estimated elev.=4304.26
BAIR	7,300	3,404	4,120	3,000	3,200	44	94	12/31/2013	volume estimated
CATARACT	1,478	376	225	110	110	7	29	12/31/2013	volume estimated
COONEY	28,230	17,501	16,688	15,076	16,972	60	97	1/2/2014	elev.=4236.05 (16,882 AF)
COTTONWOOD	1,900	794	614	225	225	12	28	12/31/2013	volume estimated
DEADMAN'S BASIN	75,968	39,740	46,566	36,880	39,530	52	99	1/7/2014	elev.=3901.6 (35,780 AF)
E.F. ROCK CREEK	16,040	7,988	8,517	7,529	8,120	51	102	12/31/2013	elev.=6032.4
FRENCHMAN	2,777	1,878	1,758	1,707	1,960	71	104	12/24/2013	elev.=2263.1
MARTINSDALE	23,348	8,495	6,802	5,521	5,521	24	65	12/31/2013	volume estimated
MIDDLE CREEK	10,184	5,879	5,428	5,763	5,596	55	95	12/3/2013	elev.=6697.9
NEVADA CREEK	11,207	4,524	4,595	3,360	3,499	31	77	12/31/2013	elev.=4589.75
NILAN	10,992	5,863	4,974	5,093	5,272	48	90	12/30/2013	elev.=4428.9 (4,372 AF)
N.FK. SMITH RIVER	11,406	5,656	6,508	6,200	6,500	57	115	12/31/2013	volume estimated
RUBY RIVER	37,612	20,270	20,337	22,820	26,211	70	129	1/7/2014	elev.=5380.44
TONGUE RIVER	79,071	42,778	44,645	50,569	49,942	63	117	12/31/2013	elev.=3419.4
W.F. BITTERROOT	32,362	6,269	10,979	12,032	11,527	36	184	1/7/2014	elev.=4681.7
WILLOW CREEK	18,000	9,561		8,500	8,500	47	89	12/31/2013	volume estimated
YELLOWWATER	3,842	11,016	1,975	3,106	3,106	81	28	12/31/2013	volume estimated

* 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: 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