

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

November 30, 2015

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 11/30/2014	%AVERAGE 11/30/2014	READING DATE	COMMENTS
		Full Pool	AVERAGE	Last Year	Last Month	PRESENT				
		Contents	1960 - 2013	11/30/2014	10/31/2014	11/30/2015				
ACKLEY	6,722	3,342	3,586	3,759	2,757	41	82	10/28/2015	elev.=4305.09 - off stream reservoir, supply canal shut down	
BAIR	7,300	3,212	2,761	5,194	4,792	66	149	11/30/2015	volume estimated	
COONEY	28,230	17,051	16,550	17,516	22,984	81	135	12/1/2015	elev.=4244.72 (22,894 AF)	
COTTONWOOD	1,900	749	200	1,284	1,179	62	157	11/24/2015	elev.=5098.97	
DEADMAN'S BASIN	75,968	37,206	32,083	62,950	47,782	63	128	12/1/2015	elev.=3906.39 (44,032 AF) Supply canal shut down	
E.F. ROCK CREEK	16,040	7,145	6,727	8,751	6,216	39	87	12/1/2015	elev.=6025.8	
FRENCHMAN	2,777	1,339	1,707	2,416	2,476	89	185		Not reported	
MARTINSDALE	23,348	8,571	5,521	16,320	13,939	60	163	12/1/2015	elev.=4768.20	
MIDDLE CREEK	10,184	5,677	5,711	5,850	5,443	53	96	12/1/2015	elev.=6696.9	
NEVADA CREEK	11,207	4,425	2,897	2,054	2,566	23	58	11/23/2015	elev.=4584.78	
NILAN	10,992	5,589	4,817	4,739	4,612	42	83	10/29/2015	volume estimated Off stream reservoir, supply canal shut down	
N.FK. SMITH RIVER	11,406	5,402	5,950	5,486	5,812	51	108	12/9/2015	elev.=5468.33	
RUBY RIVER	37,612	16,353	18,264	13,758	16,838	45	103	10/31/2015	volume estimated Data unavailable for November due to icing issues	
TONGUE RIVER	79,071	42,922	56,552	47,267	50,025	63	117	12/1/2015	elev.=3418.85 (48,510 AF)	
W.F. BITTERROOT	32,362	6,043	12,759	7,910	6,769	21	112	11/23/2015	elev.=4663.4 (6113 AF)	
WILLOW CREEK	18,000	8,052	8,063	9,315	9,500	53	118		Not reported	
YELLOWATER	3,842	1,293	3,431	3,041	3,072	80	238	11/29/2015	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