

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 31, 2015

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 12/31/2014	%AVERAGE 12/31/2014	READING DATE	COMMENTS
		Full Pool	AVERAGE	Last Year	Last Month	PRESENT				
		Contents	1960 - 2013	12/31/2014	11/30/2015	12/31/2015				
ACKLEY	6,722	3,050	3,851	3,758	3,926	58	129	11/10/2015	elev.=4305.42 (2,825 AF)	
BAIR	7,300	3,400	5,253	4,792	4,985	68	147	1/4/2015	elev.=5315.36	
COONEY	28,230	17,484	19,220	22,984	19,220	68	110	12/31/2015	elev.=4,246.69 (24,440 AF)	
COTTONWOOD	1,900	711	1,284	1,179	1,290	68	181	11/24/2015	volume estimated	
DEADMAN'S BASIN	75,968	39,735	63,350	47,782	50,893	67	128	12/31/2015	elev.=3908.1 (47,143 AF)	
E.F. ROCK CREEK	16,040	8,003	9,489	6,216	7,046	44	88	12/31/2015	elev.=6028.6	
FRENCHMAN	2,777	1,892	1,454	2,476	1,454	52	77		No data reported	
MARTINSDALE	23,348	8,435	17,568	13,939	14,329	61	170	12/31/2015	elev.=4768.7	
MIDDLE CREEK	10,184	5,864	5,519	5,443	5,553	55	95	12/31/2015	elev.=6697.6	
NEVADA CREEK	11,207	4,501	6,291	2,566	2,961	26	66	12/31/2015	elev.=4586.98	
NILAN	10,992	5,849	6,200	4,612	4,612	42	79	10/29/2015	volume estimated. Off steam supply canal shut off	
N.FK. SMITH RIVER	11,406	5,673	8,623	5,812	5,812	51	102	12/8/2015	elev.=5468.33	
RUBY RIVER	37,612	20,405	29,946	16,838	21,394	57	105	12/30/2015	elev.=5374.14	
TONGUE RIVER	79,071	43,289	51,152	50,025	48,955	62	113	12/31/2015	elev.=3419.0	
W.F. BITTERROOT	32,362	6,479	7,910	6,769	6,573	20	101	12/30/2015	elev.=4664.5	
WILLOW CREEK	18,000	9,536	8,500	9,500	12,800	71	134	1/11/2016	elev. = 4728.89 (12,531 AF)	
YELLOWATER	3,842	1,226	2,943	3,072	3,080	80	251	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