

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 30, 2016

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 4/30/2016	%AVERAGE 4/30/2016	READING DATE	COMMENTS
		Full Pool	AVERAGE	Last Year	Last Month	PRESENT				
		Contents	1960 - 2014	4/30/2015	3/31/2016	4/30/2016				
ACKLEY	6,722	3,678	4,873	4,194	4,472	67	122	4/29/2016	elev. =4308.5	
BAIR	7,300	5,289	6,370	5,668	5,445	75	103	4/18/2016	elev.=5317.34	
COONEY	28,230	22,403	23,580	23,480	25,985	92	116	4/22/2016	elev.=4248.29 (25,795 AF)	
COTTONWOOD	1,900	1,518	1,900	1,805	1,835	97	121	4/30/2016	estimated	
DEADMAN'S BASIN	75,968	53,666	75,744	63,427	66,040	87	123	4/30/2016	elev.=3916 (62,290 AF)	
E.F. ROCK CREEK	16,040	9,666	11,868	8,751	9,451	59	98	4/30/2016	elev.=6036.8	
FRENCHMAN	2,777	2,431	2,777	2,777	2,777	100	114	4/30/2016	spilling - assumed. No data reported	
MARTINSDALE	23,348	12,124	22,924	15,648	17,949	77	148	4/30/2016	elev.=4773.3	
MIDDLE CREEK	10,184	6,523	7,501	5,557	6,946	68	106	4/30/2016	elev.=6706	
NEVADA CREEK	11,207	10,018	11,244	6,496	9,802	87	98	5/2/2016	elev.=4612.06	
NILAN	10,992	7,138	10,571	8,207	9,300	85	130	5/4/2016	elev.=4441.0	
N.FK. SMITH RIVER	11,406	8,783	10,399	6,789	6,789	60	77	5/2/2016	No data reported	
RUBY RIVER	37,612	36,156	37,844	32,900	38,268	102	106	5/4/2016	elev.=5393.6	
TONGUE RIVER	79,071	51,121	66,537	58,295	69,747	88	136	5/2/2016	elev.=3425.6 (69,036 AF)	
W.F. BITTERROOT	32,362	20,328	32,362	16,126	32,362	100	159	4/27/2016	spilling	
WILLOW CREEK	18,000	17,271	16,843	15,560	18,000	100	104	5/5/2016	spilling	
YELLOWATER	3,842	1,356	3,187	3,171	3,268	85	241	4/28/2016	elev.=3117	

* 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