

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**March 31, 2016**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 3/31/2016	%AVERAGE 3/31/2016	READING DATE	COMMENTS
		Full Pool	AVERAGE	Last Year	Last Month	PRESENT				
		Contents	1960 - 2014	3/31/2015	2/29/2016	3/31/2016				
ACKLEY	6,722	3,231	3,997	3,942	4,194	62	130	4/2/2016	elev.= 4307.2	
BAIR	7,300	4,373	5,609	5,148	5,668	78	130	4/1/2016	elev.=5318.5	
COONEY	28,230	20,912	22,280	24,440	23,480	83	112	3/22/2016	elev.=4245.4 (23,390 AF)	
COTTONWOOD	1,900	1,014	1,940	1,284	1,805	95	178	4/1/2016	elev.= 5102.0	
DEADMAN'S BASIN	75,968	49,256	70,577	58,923	63,427	83	129	3/31/2016	elev.=3914.7 (59,677 AF)	
E.F. ROCK CREEK	16,040	9,591	11,045	8,142	8,751	55	91	3/31/2016	elev.=6034.5	
FRENCHMAN	2,777	2,156	2,777	2,777	2,777	100	129	3/31/2015	No Data Reported	
MARTINSDALE	23,348	9,135	19,337	14,918	15,648	67	171	3/31/2016	elev.=4770.5	
MIDDLE CREEK	10,184	6,163	5,818	5,551	5,557	55	90	3/31/2016	elev.=6697.6	
NEVADA CREEK	11,207	7,819	10,861	5,116	6,496	58	83	4/3/2016	elev.=4601.7	
NILAN	10,992	6,707	10,020	6,315	8,207	75	122	4/5/2016	elev.=5477.5	
N.FK. SMITH RIVER	11,406	7,082	10,330	6,383	6,789	60	96	3/31/2016	volume estimated	
RUBY RIVER	37,612	31,222	37,137	29,124	32,900	87	105	3/31/2016	volume estimated	
TONGUE RIVER	79,071	50,139	56,093	54,262	58,295	74	116	3/31/2016	elev.=3422.0 (57,584 AF)	
W.F. BITTERROOT	32,362	9,221	20,019	8,775	16,126	50	175	3/29/2016	elev.=4692.65 (15,470 AF)	
WILLOW CREEK	18,000	16,386	16,127	15,010	15,560	86	95	3/31/2016	volume estimated	
YELLOWATER	3,842	1,250	3,236	3,160	3,171	83	254	3/31/2016	elev.=3116.7	

\* 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: 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