

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**March 31, 2017**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1986 - 2016	3/31/2016	2/28/2017	3/31/2017	3/31/2017	for March		
<b>Clark Fork Basin</b>									
E.F. ROCK CREEK	16,040	9,436	8,751	8,660	<b>9,019</b>	56	96	4/4/2017	elev.= 6,035.4 ft
NEVADA CREEK	11,207	7,925	6,496	4,736	<b>9,781</b>	87	123	4/3/2017	elev.= 4,612.0 ft
W.F. BITTERROOT	32,362	10,459	13,422	7,639	<b>15,414</b>	48	147	4/1/2017	elev.= 4,692.5 ft
<b>Lower Missouri Basin</b>									
ACKLEY	6,722	3,060	4,194	3,511	<b>3,636</b>	54	119	4/3/2017	elev.= 4,304.5 ft (2,635 AF)
BAIR	7,300	3,986	5,668	3,750	<b>4,403</b>	60	110	4/4/2017	elev.= 5,312.4 ft
DEADMAN'S BASIN	75,968	47,267	63,427	49,842	<b>56,788</b>	75	120	3/30/2017	elev.= 3,911.28 ft (53,038 AF)
FRENCHMAN	2,777	3,227	2,777	1,606	<b>1,606</b>	58	50	10/20/2016	elev.= 2,263.43 ft (Not measured in March)
MARTINSDALE	23,348	9,050	15,648	7,071	<b>10,921</b>	47	121	3/31/2017	elev.= 4,763.83 ft
N.F.K. SMITH RIVER	11,406	6,660	6,789	5,435	<b>6,431</b>	56	97	3/31/2017	elev.= 5,470.9 ft
YELLOWWATER	3,842	1,530	3,171	2,976	<b>3,089</b>	80	202	4/3/2017	elev.= 3,116.45 ft
<b>Upper Missouri Basin</b>									
MIDDLE CREEK	10,184	5,772	5,557	5,296	<b>5,723</b>	56	99	4/4/2017	elev.= 6,698.7 ft
NILAN	10,992	7,490	8,207	5,841	<b>5,841</b>	53	78	12/4/2016	elev.= 4,430.76 ft (4,941 AF) (Not measured in March)
RUBY RIVER	37,612	31,798	32,900	28,747	<b>34,175</b>	91	107	4/4/2017	elev.= 5,389.4 ft
WILLOW CREEK	18,000	16,112	15,560	13,810	<b>15,992</b>	89	99	3/30/2017	elev.= 4,733.48 ft
<b>Yellowstone Basin</b>									
COONEY	28,230	21,023	23,480	22,430	<b>23,990</b>	85	114	3/23/2017	elev.= 4,246.08 ft (23,900 AF)
COTTONWOOD	1,900	1,121	1,805	1,349	<b>1,349</b>	71	120	2/24/2017	elev.= 5,099.85 ft (Not measured in March)
TONGUE RIVER	79,071	50,969	58,295	60,323	<b>64,654</b>	82	127	4/4/2017	elev.= 3,424.3 ft

\* Note: Reservoir contents include dead storage at the following:

Ackley 1001 AF \*\*  
 Cooney 90 AF \*\*  
 Deadman's 3750 AF \*\*  
 Nilan 900 AF \*\*

\*\* O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)  
 Tongue River 711 AF (O&M storage table includes dead storage)  
 W. F. Bitterroot 656 AF (O&M storage table includes dead storage)  
 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