

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**October 31, 2018**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1987 - 2017 for October	10/31/2017	9/30/2018	10/31/2018	10/31/2018	for October		
<b>Clark Fork Basin</b>									
E.F. ROCK CREEK	16,040	6,044	5,448	4,252	<b>5,383</b>	34	89	11/5/2018	elev.= 6,022.5 ft
NEVADA CREEK	11,207	4,207	4,066	3,849	<b>5,025</b>	45	119	11/4/2018	elev.= 4,596.39 ft
W.F. BITTERROOT	32,362	6,808	7,134	4,200	<b>8,170</b>	25	120	11/8/2018	elev.= 4,670.53 ft
<b>Lower Missouri Basin</b>									
ACKLEY	6,722	2,769	2,748	4,040	<b>4,296</b>	64	155	11/8/2018	elev.= 4,307.69 ft (3,295 AF)
BAIR	7,300	2,827	2,178	5,590	<b>5,829</b>	80	206	11/5/2018	elev.= 5,319.2 ft
DEADMAN'S BASIN	75,968	34,819	45,873	62,816	<b>60,876</b>	80	175	11/5/2018	elev.= 3,913.4 ft (57,126 AF)
FRENCHMAN	2,777	1,698	1,377	2,777	--	--	--	--	Not Reported
MARTINSDALE	23,348	8,407	14,133	16,968	<b>16,668</b>	71	198	11/9/2018	elev.= 4,771.75 ft
N.F.K. SMITH RIVER	11,406	4,646	4,629	8,762	<b>8,020</b>	70	173	11/9/2018	elev.= 5,476.85 ft
YELLOWATER	3,842	1,538	1,554	3,041	--	--	--	--	Not Reported
<b>Upper Missouri Basin</b>									
MIDDLE CREEK	10,184	5,549	5,472	5,535	<b>5,508</b>	54	99	11/5/2018	elev.= 6,697.3 ft
NILAN	10,992	5,374	--	8,590	<b>8,492</b>	77	158	10/31/2018	elev.= 4,437.41 ft (7,592 AF)
RUBY RIVER	37,612	12,765	14,890	10,648	<b>16,168</b>	43	127	11/5/2018	elev.= 5,365.8 ft
WILLOW CREEK	18,000	8,361	9,807	7,520	<b>7,739</b>	43	93	10/31/2018	elev.= 4,720.46 ft
<b>Yellowstone Basin</b>									
COONEY	28,230	16,809	20,908	17,806	<b>17,966</b>	64	107	11/5/2018	elev.= 4,237.6 ft (17,876 AF)
COTTONWOOD	1,900	777	603	1,207	<b>1,357</b>	71	175	10/30/2018	elev.= 5,099.89 ft
TONGUE RIVER	79,071	44,191	48,866	49,353	<b>49,595</b>	63	112	11/5/2018	elev.= 3,419.3 ft

NR - Not Reported

\* 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 from 2008 forward.