

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**September 30, 2019**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY 9/30/2019	%AVERAGE for September	READING DATE	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT					
		1988- 2018 for September	9/30/2018	8/31/2019	9/30/2019	9/30/2019				
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	5,493	4,252	7,295	<b>5,836</b>	36	106	10/1/2019	elev. = 6,024.3 ft	
NEVADA CREEK	11,207	4,035	3,849	4,938	<b>3,183</b>	28	79	10/1/2019	elev. = 4,588.16 ft	
W.F. BITTERROOT	32,362	7,510	4,200	17,065	<b>7,266</b>	22	97	9/26/2019	elev. = 4,667.19 ft	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	3,112	4,040	4,826	<b>4,461</b>	66	143	10/3/2019	elev. = 4,308.45 ft (3,459.5 AF)	
BAIR	7,300	2,828	5,590	5,826	<b>4,719</b>	65	167	10/1/2019	elev. = 5,314.0 ft	
DEADMAN'S BASIN	75,968	34,988	62,816	63,732	<b>57,504</b>	76	164	10/1/2019	elev. = 3,911.7 ft (53,754 AF)	
FRENCHMAN	2,777	1,736	2,777	NR	<b>NR</b>	--	--	--	Not Reported	
MARTINSDALE	23,348	8,778	16,968	21,300	<b>18,925</b>	81	216	9/24/2019	elev. = 4,774.5 ft	
N.F.K. SMITH RIVER	11,406	4,504	8,762	9,025	<b>7,408</b>	65	164	10/2/2019	elev. = 5474.66 ft	
YELLOWWATER	3,842	1,598	3,041	3,236	<b>3,447</b>	90	216	10/2/2019	elev. = 3,117.55 ft	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	5,653	5,535	6,865	<b>5,519</b>	54	98	10/1/2019	elev. = 6,697.4 ft	
NILAN	10,992	5,547	8,590	8,428	<b>6,987</b>	64	126	9/26/2019	elev. = 4,433.9 ft (6,087 AF)	
RUBY RIVER	37,612	9,853	10,648	20,685	<b>13,271</b>	35	135	10/1/2019	elev. = 5,360.4 ft	
WILLOW CREEK	18,000	7,389	7,520	11,260	<b>7,807</b>	43	106	9/25/2019	elev. = 4,720.57 ft	
<b>Yellowstone Basin</b>										
COONEY	28,230	15,258	17,806	21,827	<b>19,592</b>	69	128	10/1/2019	elev. = 4,240.1 ft (19,502 AF)	
COTTONWOOD	1,900	724	1,207	1,297	<b>1,120</b>	59	155	10/2/2019	elev. = 5,098.57 ft	
TONGUE RIVER	79,071	42,952	49,353	57,809	<b>48,476</b>	61	113	10/1/2019	elev. = 3,418.8 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 from 2008 forward.