

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## October 31, 2020

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY			%AVERAGE
		Contents	1989- 2019	10/31/2019	9/30/2020	10/31/2020	10/31/2020			for October
		<b>Clark Fork Basin</b>								
E.F. ROCK CREEK	16,040	6,057	6,989	6,201	<b>7,114</b>	44	117	10/30/2020	elev.= 6,028.9 ft	
NEVADA CREEK	11,207	4,444	4,135	3,562	<b>4,320</b>	39	97	10/26/2020	elev.= 4,593.51 ft	
W.F. BITTERROOT	32,362	6,850	8,677	7,296	<b>8,222</b>	25	120	10/29/2020	elev.= 4,670.72 ft	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	2,891	4,296	3,346	<b>3,346</b>	50	116	11/1/2020	elev.= 4,303.1 ft (2,345 AF)	
BAIR	7,300	3,107	4,720	3,774	<b>3,733</b>	51	120	10/30/2020	elev.= 5,308.5 ft	
DEADMAN'S BASIN	75,968	37,694	67,085	48,854	<b>51,881</b>	68	138	10/30/2020	elev.= 3,908.7 ft (48,131 AF)	
FRENCHMAN	2,777	1,786	2,663	1,910	<b>1,347</b>	49	75	10/29/2020	elev.= 2,261.85 ft	
MARTINSDALE	23,348	9,214	NR	12,476	<b>12,268</b>	53	133	10/29/2020	elev.= 4765.87 ft	
N.F.K. SMITH RIVER	11,406	4,964	7,213	6,305	<b>6,383</b>	56	129	10/29/2020	elev.= 5,470.72 ft	
YELLOWATER	3,842	1,598	3,106	3,171	<b>3,187</b>	83	199	11/4/2020	elev.= 3,116.75 ft	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	5,541	5,358	5,500	<b>5,413</b>	53	98	10/30/2020	elev.= 6,696.7 ft	
NILAN	10,992	5,370	5,314	1,502	<b>900</b>	8	17	11/4/2020	Estimated visually. Reservoir is empty except for dead storage.	
RUBY RIVER	37,612	13,396	16,885	10,493	<b>14,085</b>	37	105	10/30/2020	elev.= 5,361.9 ft	
WILLOW CREEK	18,000	8,567	6,897	3,883	<b>6,294</b>	35	73	11/5/2020	elev.= 4,716.89 ft	
<b>Yellowstone Basin</b>										
GOONEY	28,230	16,913	17,509	18,137	<b>18,282</b>	65	108	10/30/2020	elev.= 4,238.1 ft (18,192 AF)	
COTTONWOOD	1,900	808	NR	739	<b>849</b>	45	105	11/6/2020	elev.= 5,096.62 ft	
TONGUE RIVER	79,071	44,599	46,947	36,769	<b>37,984</b>	48	85	10/30/2020	elev.= 3,414.6 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.