

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**April 30, 2021**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY	%AVERAGE		
		1990- 2020 for April	4/30/2020	3/31/2021	4/30/2021	4/30/2021	for April		
<b>Clark Fork Basin</b>									
E.F. ROCK CREEK	16,040	9,499	10,405	9,749	<b>10,058</b>	63	106	4/30/2021	elev. = 6,038.7 ft
NEVADA CREEK	11,207	10,075	11,439	9,976	<b>11,307</b>	101	112	4/30/2021	elev. = 4,616.27 ft
W.F. BITTERROOT	32,362	21,975	22,106	7,323	<b>14,183</b>	44	65	4/28/2021	elev. = 4,689.2 ft
<b>Lower Missouri Basin</b>									
ACKLEY	6,722	3,541	4,427	3,429	<b>3,532</b>	53	100	5/1/2021	elev. = 4,304 ft (2,531 AF)
BAIR	7,300	4,853	6,444	4,657	<b>4,969</b>	68	102	4/30/2021	elev. = 5,315.3 ft
DEADMAN'S BASIN	75,968	54,984	72,652	64,401	<b>67,775</b>	89	123	4/30/2021	elev. = 3,916.9 ft (64,025 AF)
FRENCHMAN	2,777	2,735	--	2,657	<b>2,916</b>	105	107	4/30/2021	elev. = 2,264.8 ft
MARTINSDALE	23,348	13,454	18,626	16,561	<b>18,178</b>	78	135	4/30/2021	elev. = 4,773.59 ft
N.F.K. SMITH RIVER	11,406	8,508	10,180	9,025	<b>9,801</b>	86	115	4/30/2021	elev. = 5,482.91 ft
YELLOWWATER	3,842	2,001	3,317	2,813	<b>2,748</b>	72	137	5/6/2021	elev = 3,115.4 ft
<b>Upper Missouri Basin</b>									
MIDDLE CREEK	10,184	6,566	6,103	5,432	<b>5,793</b>	57	88	4/30/2021	elev. = 6,699.2 ft
NILAN	10,992	8,119	9,130	2,618	<b>2,988</b>	27	37	4/27/2021	elev. = 4,420.09 ft (2,088 AF)
RUBY RIVER	37,612	36,551	36,696	30,594	<b>32,905</b>	87	90	5/2/2021	elev. = 5,388.37 ft
WILLOW CREEK	18,000	16,657	13,784	12,172	<b>13,003</b>	72	78	4/30/2021	elev. = 4,729.62 ft
<b>Yellowstone Basin</b>									
COONEY	28,230	22,819	27,557	22,623	<b>26,620</b>	94	117	4/30/2021	elev. = 4,249.2 ft (26,530 AF)
COTTONWOOD	1,900	1,635	1,651	1,674	<b>2,008</b>	106	123	4/30/2021	elev. = 5,102.91 ft
TONGUE RIVER	79,071	55,954	58,581	53,283	<b>56,674</b>	72	101	4/30/2021	elev. = 3,421.75 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.