

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**May 31, 2022**

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	1991- 2021 for May	5/31/2021	4/30/2022	5/31/2022	5/31/2022			for May
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	11,544	11,170	9,400	<b>10,177</b>	63	88	5/31/2022	elev. = 6,039.1 ft	
NEVADA CREEK	11,207	10,868	11,462	8,227	<b>9,071</b>	81	83	5/30/2022	elev. = 4,609.91 ft	
W.F. BITTERROOT	32,362	33,103	33,070	16,418	<b>33,806</b>	104	102	5/31/2022	elev. = 4,727.58 ft	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	4,957	5,341	2,599	<b>2,682</b>	40	54	5/31/2022	elev. = 4,299.1 ft (1,681 AF)	
BAIR	7,300	5,488	5,286	2,839	<b>2,880</b>	39	52	5/31/2022	elev. = 5,302.7 ft	
DEADMAN'S BASIN	75,968	56,283	65,445	41,960	<b>41,030</b>	54	73	5/31/2022	elev. = 3,902.5 ft (37,280 AF)	
FRENCHMAN	2,777	2,774	2,777	2,777	<b>2,777</b>	100	100	6/6/2022	elev. = 2,263.98 ft	
MARTINSDALE	23,348	16,521	20,969	10,153	<b>10,285</b>	44	62	5/31/2022	elev. = 4,762.8 ft	
N.F.K. SMITH RIVER	11,406	10,351	11,558	5,597	<b>6,667</b>	58	64	5/31/2022	elev. = 5,471.81 ft	
YELLOWWATER	3,842	2,134	2,580	1,503	<b>1,187</b>	31	56	6/2/2022	elev. = 3,109.5 ft	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	9,480	9,583	5,719	<b>8,729</b>	86	92	5/31/2022	elev. = 6,714.9 ft	
NILAN	10,992	8,914	4,149	5,260	<b>5,377</b>	49	60	5/31/2022	elev. = 4,429.3 ft (4,477 AF)	
RUBY RIVER	37,612	36,803	35,693	33,192	<b>38,545</b>	102	105	5/31/2022	elev. = 5,393.9 ft	
WILLOW CREEK	18,000	16,322	12,537	13,539	<b>13,778</b>	77	84	5/31/2022	elev. = 4,730.7 ft	
<b>Yellowstone Basin</b>										
COONEY	28,230	25,074	27,585	26,916	<b>28,609</b>	101	114	5/31/2022	elev. = 4,251.4 ft (28,519 AF)	
COTTONWOOD	1,900	1,706	2,055	560	<b>824</b>	43	48	5/23/2022	elev. = 5,096.41 ft	
TONGUE RIVER	79,071	74,599	78,056	55,689	<b>75,872</b>	96	102	5/31/2022	elev. = 3,427.5 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.