

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**March 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 March	3/31/2021	2/28/2022	3/31/2022	3/31/2022			for March
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	9,421	9,749	8,448	<b>8,954</b>	56	95	4/1/2022	elev.= 6,035.2 ft	
NEVADA CREEK	11,207	8,355	9,976	5,253	<b>7,231</b>	65	87	3/31/2022	elev.= 4,604.19 ft	
W.F. BITTERROOT	32,362	7,031	7,323	9,613	<b>15,100</b>	47	215	4/6/2022	elev.= 4,691.67 ft	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	3,127	3,429	2,583	<b>2,692</b>	40	86	3/31/2022	elev.= 4,299.16 ft (1,691 AF)	
BAIR	7,300	4,156	4,657	2,599	<b>2,744</b>	38	66	4/1/2022	elev.= 5,301.7 ft	
DEADMAN'S BASIN	75,968	52,141	64,401	38,111	<b>41,374</b>	54	79	4/1/2022	elev.= 3,902.7 ft (37,624 AF)	
FRENCHMAN	2,777	2,391	2,657	NR	<b>2,777</b>	100	116	4/4/2022	elev.= 2,264.6ft	
MARTINSDALE	23,348	10,029	16,561	9,027	<b>9,730</b>	42	97	4/1/2022	elev.= 4,761.9ft	
N.F.K. SMITH RIVER	11,406	6,953	9,025	4,702	<b>5,100</b>	45	73	3/31/2022	elev.= 5,465.23 ft	
YELLOWATER	3,842	1,806	2,813	1,528	<b>1,554</b>	40	86	3/31/2022	elev.= 3,111.1 ft (estimated)	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	5,962	5,432	5,336	<b>5,502</b>	54	92	3/31/2022	elev.= 6,697.28 ft	
NILAN	10,992	7,205	2,618	4,863	<b>5,098</b>	46	71	4/1/2022	elev.= 4,428.3 ft (4,198 AF)	
RUBY RIVER	37,612	31,717	30,594	25,627	<b>29,529</b>	79	93	4/1/2022	elev.= 5,384.3ft	
WILLOW CREEK	18,000	15,606	12,172	11,211	<b>12,531</b>	70	80	4/1/2022	elev.= 4,728.8 ft	
<b>Yellowstone Basin</b>										
GOONEY	28,230	21,228	22,623	21,309	<b>24,066</b>	85	113	4/1/2022	elev.= 4,246.2 ft (23,976 AF)	
COTTONWOOD	1,900	1,252	1,674	215	<b>373</b>	20	30	3/31/2022	elev.= 5,091.33 ft	
TONGUE RIVER	79,071	53,370	53,283	46,760	<b>51,327</b>	65	96	4/1/2022	elev.= 3,419.9 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.