

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## December 2022

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	ELEVATION	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY	%AVERAGE			
		December						feet		
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	7,762	7,406	6,790	<b>7,405</b>	46	95	1/3/2023	6,029.9	
NEVADA CREEK	11,207	5,315	4,595	3,857	<b>4,320</b>	39	81	12/31/2022	4,593.51	
W.F. BITTERROOT	32,362	7,122	9,272	8,108	<b>8,379</b>	26	118	12/29/2022	4,671.3	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	3,051	2,613	3,081	<b>3,002</b>	45	98	12/29/2022	4,301.0	2,001 AF active storage
BAIR	7,300	3,375	2,453	1,505	<b>1,611</b>	22	48	1/3/2023	5,290.4	
DEADMAN'S BASIN	75,968	43,979	--	27,933	<b>31,578</b>	42	72	1/3/2023	3,896.6	27,828 AF active storage
FRENCHMAN	2,777	1,847	1,404	1,366	--	--	--	--	--	not reported
MARTINSDALE	23,348	9,438	--	3,457	<b>3,523</b>	15	37	12/27/2022	4,747.4	
N.FK. SMITH RIVER	11,406	5,751	--	3,665	<b>3,817</b>	33	66	12/27/2022	5,454.6	
YELLOWWATER	3,842	1,757	1,503	586	<b>655</b>	17	37	12/28/2022	3,106.4	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	5,754	--	5,537	<b>5,445</b>	53	95	1/3/2023	6,696.9	
NILAN	10,992	5,605	4,401	1,902	--	--	--	--	--	not reported
RUBY RIVER	37,612	20,949	19,294	22,872	<b>26,564</b>	71	127	1/3/2023	5,380.9	
WILLOW CREEK	18,000	9,980	8,703	9,435	<b>11,039</b>	61	111	1/3/2023	4,726.2	
<b>Yellowstone Basin</b>										
COONEY	28,230	17,984	19,537	17,949	<b>19,046</b>	67	106	1/3/2023	4,239.2	18,956 AF active storage
COTTONWOOD	1,900	818	--	177	--	--	--	--	--	not reported
TONGUE RIVER	79,071	44,677	42,494	44,611	<b>46,275</b>	59	104	1/3/2023	3,418.0	

\* 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.