

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## January 31, 2023

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	ELEVATION	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY				% AVERAGE
		Contents	1992- 2022	Jan-22	Dec-22	Jan-23	Jan-23				Jan-23
		January						feet			
<b>Clark Fork Basin</b>											
E.F. ROCK CREEK	16,040	8,326	7,985	7,405	<b>7,856</b>	49	94	1/31/2023	6,031.5		
NEVADA CREEK	11,207	5,715	5,076	4,320	<b>4,736</b>	42	83	1/31/2023	4,595.24		
W.F. BITTERROOT	32,362	7,316	9,581	8,379	<b>8,189</b>	25	112	2/2/2023	4,670.6		
<b>Lower Missouri Basin</b>											
ACKLEY	6,722	2,952	2,639	3,002	<b>3,083</b>	46	104	1/27/2023	4,301.5	2,082 AF active storage	
BAIR	7,300	3,512	2,547	1,611	<b>1,670</b>	23	48	1/31/2023	5,291.2		
DEADMAN'S BASIN	75,968	45,908	34,057	31,578	<b>35,058</b>	46	76	1/31/2023	3,898.9	31,308 AF active storage	
FRENCHMAN	2,777	2,047	--	--	<b>1,505</b>	54	74	1/26/2023	2,262.3		
MARTINSDALE	23,348	9,605	8,928	3,523	<b>3,630</b>	16	38	1/30/2023	4,747.8		
N.FK. SMITH RIVER	11,406	6,026	--	3,817	--	--	--	--	--	Not Measured	
YELLOWWATER	3,842	1,762	--	655	<b>672</b>	17	38	1/25/2023	3,106.5		
<b>Upper Missouri Basin</b>											
MIDDLE CREEK	10,184	5,739	5,342	5,445	<b>5,440</b>	53	95	1/31/2023	6,696.9		
NILAN	10,992	6,239	4,640	--	<b>3,472</b>	32	56	2/2/2023	4,422.3	2,572 AF active storage	
RUBY RIVER	37,612	24,780	22,683	26,564	<b>29,546</b>	79	119	1/31/2023	5,384.3		
WILLOW CREEK	18,000	11,352	10,121	11,039	<b>11,613</b>	65	102	1/31/2023	4,727.2		
<b>Yellowstone Basin</b>											
COONEY	28,230	18,559	20,429	19,046	<b>19,698</b>	70	106	1/13/2023	4,240.2	19,608 AF active storage	
COTTONWOOD	1,900	769	194	182	--	--	--	--	--		
TONGUE RIVER	79,071	45,741	44,411	46,275	<b>47,890</b>	61	105	1/31/2023	3,418.6		

\* 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.