

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## March 31, 2023

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			
		March						feet		
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	9,406	8,954	8,253	<b>8,678</b>	54	92	3/31/2023	6,034.26	
NEVADA CREEK	11,207	8,326	7,231	4,736	<b>5,096</b>	45	61	3/31/2023	4,596.66	
W.F. BITTERROOT	32,362	10,782	15,100	7,837	<b>7,674</b>	24	71	3/23/2023	4,668.70	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	3,112	2,692	3,083	<b>3,081</b>	46	99	3/27/2023	4,301.43	2,080 AF active storage
BAIR	7,300	4,131	2,744	1,736	<b>1,801</b>	25	44	3/31/2023	5,292.71	
DEADMAN'S BASIN	75,968	52,202	41,374	38,047	<b>42,614</b>	56	82	3/31/2023	3,903.46	38,864 AF active storage
FRENCHMAN	2,777	2,426	2,777	1,515	<b>1,748</b>	63	72	3/31/2023	2,262.68	
MARTINSDALE	23,348	10,094	9,730	4,015	<b>4,259</b>	18	42	3/27/2023	4,750.09	
N.FK. SMITH RIVER	11,406	6,928	5,100	--	--	--	--	--	--	not reported
YELLOWWATER	3,842	1,858	1,554	758	<b>1,015</b>	26	55	3/30/2023	3,108.50	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	5,947	5,502	5,370	<b>5,449</b>	54	92	4/3/2023	6,696.90	
NILAN	10,992	7,129	5,098	3,777	--	--	--	--	--	not reported
RUBY RIVER	37,612	31,703	29,529	31,966	<b>34,565</b>	92	109	3/31/2023	5,389.85	
WILLOW CREEK	18,000	15,513	12,531	12,187	<b>12,302</b>	68	79	3/31/2023	4,728.40	
<b>Yellowstone Basin</b>										
COONEY	28,230	21,311	24,066	20,265	<b>21,023</b>	74	99	3/31/2023	4,242.10	20,933 AF active storage
COTTONWOOD	1,900	1,210	373	221	--	--	--	--	--	not reported
TONGUE RIVER	79,071	53,281	51,327	49,233	<b>51,717</b>	65	97	3/31/2023	3,420.07	

\* 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.