

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**June 30, 2023**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	ELEVATION  feet	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY	%AVERAGE			
		June								
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	13,417	14,670	14,372	<b>15,841</b>	99	118	6/30/2023	6,055.0	
NEVADA CREEK	11,207	10,051	10,128	11,141	<b>10,720</b>	96	107	6/28/2023	4,614.7	
W.F. BITTERROOT	32,362	32,378	32,945	33,132	<b>32,850</b>	102	101	6/28/2023	4,726.1	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	5,460	4,949	5,583	<b>6,342</b>	94	116	6/30/2023	4,316.5	5,341 AF active storage
BAIR	7,300	5,164	2,728	6,710	<b>7,286</b>	100	141	6/30/2023	5,325.0	
DEADMAN'S BASIN	75,968	55,989	34,746	75,846	<b>75,583</b>	99	135	6/30/2023	3,920.8	71,833 AF active storage
FRENCHMAN	2,777	2,529	2,916	2,702	--	--	--	--	--	not reported
MARTINSDALE	23,348	16,688	8,554	23,282	<b>23,098</b>	99	138	6/30/2023	4,779.0	
N.FK. SMITH RIVER	11,406	9,826	7,244	11,542	<b>11,542</b>	101	117	6/27/2022	5,488.4	
YELLOWWATER	3,842	2,169	1,161	964	<b>1,350</b>	35	62	6/26/2023	3,110.3	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	10,066	10,244	9,860	<b>10,243</b>	101	102	6/30/2023	6,721.2	
NILAN	10,992	9,157	4,329	9,250	<b>10,923</b>	99	119	6/30/2023	4,442.4	10,022.9 AF active storage
RUBY RIVER	37,612	35,279	38,133	38,478	<b>37,925</b>	101	107	6/30/2023	5,393.3	
WILLOW CREEK	18,000	16,083	14,415	14,415	<b>14,893</b>	83	93	6/30/2023	4,732.1	
<b>Yellowstone Basin</b>										
COONEY	28,230	25,868	28,301	28,104	<b>28,496</b>	101	110	6/30/2023	4,251.3	28,406 AF active storage
COTTONWOOD	1,900	1,629	933	1,995	<b>1,962</b>	103	120	6/29/2023	5,102.7	
TONGUE RIVER	79,071	74,481	80,594	81,485	<b>81,773</b>	103	110	6/30/2023	3,429.1	

\* 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.