

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

January 31, 2024

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	1993- 2023	Jan-23	Dec-23	Jan-24	Jan-24				Jan-24
		January						feet			
Clark Fork Basin											
E.F. ROCK CREEK	16,040	8,308	7,856	8,117	8,668	54	104	1/31/2024	6,034.2		
NEVADA CREEK	11,207	5,744	4,736	4,595	4,783	43	83	1/31/2024	4,595.4		
W.F. BITTERROOT	32,362	7,572	8,189	7,810	8,433	26	111	1/30/2024	4,671.5		
Lower Missouri Basin											
ACKLEY	6,722	2,957	3,083	4,273	4,273	64	144	2/2/2024	4,307.6	3,272 AF active storage	
BAIR	7,300	3,404	1,670	4,688	4,359	60	128	1/31/2024	5,312.1		
DEADMAN'S BASIN	75,968	45,157	35,058	64,111	63,990	84	142	1/31/2024	3,915.0	60,240 AF active storage	
FRENCHMAN	2,777	1,998	1,505	139	393	14	20	1/24/2024	2,258.9		
MARTINSDALE	23,348	9,484	3,630	16,177	15,925	68	168	1/31/2024	4,770.8		
N.FK. SMITH RIVER	11,406	6,093	--	8,513	8,422	74	138	1/30/2024	5,478.3		
YELLOWWATER	3,842	1,763	672	1,118	1,239	32	70	2/2/2024	3,109.8		
Upper Missouri Basin											
MIDDLE CREEK	10,184	5,729	5,440	5,371	5,441	53	95	1/31/2024	6,696.9		
NILAN	10,992	6,133	3,472	7,400	7,816	71	127	1/31/2024	4,435.9	6,916 AF active storage	
RUBY RIVER	37,612	24,933	29,546	29,927	31,463	84	126	1/31/2024	5,386.5		
WILLOW CREEK	18,000	11,289	11,613	8,234	9,264	51	82	1/31/2024	4,723.1		
Yellowstone Basin											
COONEY	28,230	18,673	19,698	21,032	21,710	77	116	1/31/2024	4,243.0	21,620 AF active storage	
COTTONWOOD	1,900	769	--	--	1,175	62	153	2/1/2024	5,098.9		
TONGUE RIVER	79,071	45,835	47,890	49,111	47,869	61	104	1/31/2024	3,418.6		

* Note: Water elevation is in the local project datum.

* 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.