

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

August 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	Aug-23	Jul-24	Aug-24	Aug-24				Aug-24
		August						feet			
Clark Fork Basin											
E.F. ROCK CREEK	16,040	6,307	5,879	6,744	5,828	36	92	9/3/2024	6,024.2		
NEVADA CREEK	11,207	5,674	5,201	5,006	1,905	17	34	9/2/2024	4,580.7		
W.F. BITTERROOT	32,362	16,753	14,818	30,579	23,684	73	141	8/22/2024	4,710.5		
Lower Missouri Basin											
ACKLEY	6,722	3,541	4,833	5,631	3,826	57	108	8/30/2024	4,305.4	2,825 AF active storage	
BAIR	7,300	3,356	6,525	4,646	2,560	35	76	9/3/2024	5,300.2		
DEADMAN'S BASIN	75,968	40,420	65,887	60,212	49,066	65	121	9/3/2024	3,907.1	45,316 AF active storage	
FRENCHMAN	2,777	1,690	798	--	1,063	38	63	8/30/2024	2,261.1		
MARTINSDALE	23,348	11,042	19,688	17,459	15,954	68	144	9/3/2024	4,770.9		
N.FK. SMITH RIVER	11,406	5,885	8,357	8,954	5,785	51	98	8/29/2024	5,468.2		
YELLOWWATER	3,842	1,940	1,170	1,187	1,118	29	58	8/13/2024	3,109.1		
Upper Missouri Basin											
MIDDLE CREEK	10,184	6,641	7,083	9,230	7,029	69	106	9/3/2024	6,706.6		
NILAN	10,992	6,213	8,184	6,565	5,227	48	84	9/3/2024	4,428.8	4,327 AF active storage	
RUBY RIVER	37,612	16,851	24,080	28,565	18,037	48	107	9/3/2024	5,369.0		
WILLOW CREEK	18,000	10,202	11,383	9,950	7,605	42	75	9/3/2024	4,720.2		
Yellowstone Basin											
COONEY	28,230	18,761	23,160	26,511	21,616	77	115	9/3/2024	4,242.9	21,526 AF active storage	
COTTONWOOD	1,900	768	1,907	1,599	1,059	56	138	8/29/2024	5,098.2		
TONGUE RIVER	79,071	48,784	65,324	69,946	54,004	68	111	9/3/2024	3,420.8		

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

* Note: Reservoir contents include dead storage at the following:

Ackley	1001 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	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.