

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

October 31, 2024

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY	%AVERAGE	READING DATE	ELEVATION	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month						PRESENT
		Contents	1993- 2023	Oct-23	Sep-24						Oct-24
		October						feet			
Clark Fork Basin											
E.F. ROCK CREEK	16,040	6,252	6,550	6,634	7,386	46	118	11/1/2024	6,029.9		
NEVADA CREEK	11,207	4,358	3,598	1,786	1,905	17	44	10/31/2024	4,580.7		
W.F. BITTERROOT	32,362	7,344	6,021	9,226	7,187	22	98	10/23/2024	4,666.9		
Lower Missouri Basin											
ACKLEY	6,722	2,947	4,414	3,165	3,439	51	117	11/4/2024	4,303.6	2,438 AF active storage	
BAIR	7,300	3,099	5,157	2,154	2,186	30	71	11/1/2024	5,296.8		
DEADMAN'S BASIN	75,968	38,811	64,799	46,902	46,197	61	119	11/1/2024	3,905.5	42,447 AF active storage	
FRENCHMAN	2,777	1,768	2,062	--	1,225	44	69	10/25/2024	2,261.5		
MARTINSDALE	23,348	9,674	16,944	11,894	--	--	--	--	--	Not Reported	
N.FK. SMITH RIVER	11,406	5,281	7,621	4,509	4,925	43	93	10/24/2024	5,464.5		
YELLOWWATER	3,842	1,687	1,101	1,187	1,256	33	74	10/24/2024	3,109.9		
Upper Missouri Basin											
MIDDLE CREEK	10,184	5,537	5,397	5,631	5,450	54	98	11/1/2024	6,696.9		
NILAN	10,992	5,163	6,877	4,519	4,327	39	84	11/1/2024	4,425.7	3,427 AF active storage	
RUBY RIVER	37,612	14,401	23,235	12,694	15,189	40	105	11/1/2024	5,364.1		
WILLOW CREEK	18,000	8,379	8,406	5,784	5,648	31	67	10/31/2024	4,716.3		
Yellowstone Basin											
COONEY	28,230	16,978	20,998	18,631	18,951	67	112	11/1/2024	4,239.1	18,861 AF active storage	
COTTONWOOD	1,900	800	1,900	1,061	--	--	--	--	--	Not Reported	
TONGUE RIVER	79,071	44,544	56,388	44,851	43,827	55	98	11/1/2024	3,417.1		

* 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.