

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU
November 30, 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	Nov-23	Oct-24	Nov-24	Nov-24				Nov-24
		November						feet			
Clark Fork Basin											
E.F. ROCK CREEK	16,040	7,080	7,376	7,386	7,922	49	112	11/27/2024	6,031.7		
NEVADA CREEK	11,207	4,919	4,237	1,905	2,426	22	49	11/30/2024	4,584.0		
W.F. BITTERROOT	32,362	7,650	7,331	7,187	7,798	24	102	12/3/2024	4,669.2		
Lower Missouri Basin											
ACKLEY	6,722	3,061	4,296	3,439	3,611	54	118	12/4/2024	4,304.4	2,610 AF active storage	
BAIR	7,300	3,214	5,025	2,186	2,286	31	71	12/2/2024	5,297.7		
DEADMAN'S BASIN	75,968	41,194	64,365	46,197	49,602	65	120	11/27/2024	3,907.4	45,852 AF active storage	
FRENCHMAN	2,777	1,453	1,214	1,225	1,139	41	78	12/3/2024	2,261.3		
MARTINSDALE	23,348	10,015	16,545	--	10,847	46	108	11/22/2024	4,763.7		
N.FK. SMITH RIVER	11,406	5,600	8,388	4,925	5,042	44	90	11/22/2024	5,465.0		
YELLOWWATER	3,842	1,708	1,187	1,256	1,273	33	75	11/26/2024	3,110.0		
Upper Missouri Basin											
MIDDLE CREEK	10,184	5,612	5,267	5,450	5,392	53	96	12/2/2024	6,696.5		
NILAN	10,992	5,535	6,912	4,327	4,395	40	79	12/2/2024	4,425.9	3,495 AF active storage	
RUBY RIVER	37,612	18,071	27,391	15,189	18,092	48	100	11/27/2024	5,369.1		
WILLOW CREEK	18,000	8,900	6,386	5,648	5,358	30	60	11/13/2024	4,714.8	mid month measurement	
Yellowstone Basin											
COONEY	28,230	17,710	21,062	18,951	19,318	68	109	11/27/2024	4,239.6	19,228 AF active storage	
COTTONWOOD	1,900	814	1,202	--	1,082	57	133	11/19/2024	5,098.4		
TONGUE RIVER	79,071	44,654	49,658	43,827	44,031	56	99	12/2/2024	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.