

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU
November 30, 2023

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	1992- 2022	Nov-22	Oct-23	Nov-23	Nov-23				Nov-23
		November						feet			
Clark Fork Basin											
E.F. ROCK CREEK	16,040	6,885	6,790	6,550	7,376	46	107	11/30/2023	6,029.8		
NEVADA CREEK	11,207	4,809	3,857	3,598	4,237	38	88	11/30/2023	4,593.2		
W.F. BITTERROOT	32,362	7,523	8,108	6,021	7,331	23	97	11/29/2023	4,667.4		
Lower Missouri Basin											
ACKLEY	6,722	3,017	3,081	4,414	4,296	64	142	11/30/2023	4,307.7	3,295 AF active storage	
BAIR	7,300	3,166	1,505	5,157	5,025	69	159	11/30/2023	5,315.5		
DEADMAN'S BASIN	75,968	40,883	27,933	64,799	64,365	85	157	11/30/2023	3,915.2	60,615 AF active storage	
FRENCHMAN	2,777	1,474	1,366	2,062	1,214	44	82	11/21/2023	2,261.5		
MARTINSDALE	23,348	9,648	3,457	16,944	16,545	71	171	11/30/2023	4,771.6		
N.FK. SMITH RIVER	11,406	5,413	3,665	7,621	8,388	74	155	11/27/2023	5,478.2		
YELLOWWATER	3,842	1,678	586	1,101	1,187	31	71	11/28/2023	3,109.5		
Upper Missouri Basin											
MIDDLE CREEK	10,184	5,624	5,537	5,397	5,267	52	94	11/30/2023	6,695.7		
NILAN	10,992	5,454	1,902	6,877	6,912	63	127	11/30/2023	4,433.7	6,012 AF active storage	
RUBY RIVER	37,612	17,575	22,872	23,235	27,391	73	156	11/30/2023	5,381.8		
WILLOW CREEK	18,000	8,961	9,435	8,406	6,386	35	71	11/30/2023	4,717.8		
Yellowstone Basin											
COONEY	28,230	17,615	17,949	20,998	21,062	75	120	11/30/2023	4,242.2	20,972 AF active storage	
COTTONWOOD	1,900	793	177	1,900	1,202	63	152	11/20/2023	5,099.0		
TONGUE RIVER	79,071	44,436	44,611	56,388	49,658	63	112	11/30/2023	3,419.3		

* 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.