

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

October 2022

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	ELEVATION	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY	%AVERAGE			
		October						feet		
Clark Fork Basin										
E.F. ROCK CREEK	16,040	6,104	6,123	5,297	6,124	38	100	11/1/2022	6,025.30	
NEVADA CREEK	11,207	4,248	3,332	2,923	3,374	30	79	10/31/2022	4,589.12	
W.F. BITTERROOT	32,362	7,046	7,566	8,479	7,961	25	113	11/1/2022	4,669.76	
Lower Missouri Basin										
ACKLEY	6,722	2,888	2,509	2,679	3,002	45	104	11/1/2022	4,301.04	2,001 AF active storage
BAIR	7,300	3,125	2,281	1,184	1,387	19	44	11/1/2022	5,287.40	
DEADMAN'S BASIN	75,968	39,035	31,991	21,148	24,505	32	63	11/1/2022	3,891.80	20,755 AF active storage
FRENCHMAN	2,777	1,723	1,404	873	2,062	74	120	10/31/2022	2,263.30	
MARTINSDALE	23,348	9,440	7,683	1,947	2,679	11	28	10/28/2022	4,744.13	
N.FK. SMITH RIVER	11,406	5,100	3,520	2,635	3,269	29	64	10/28/2022	5,456.59	
YELLOWWATER	3,842	1,704	1,554	586	577	15	34	11/3/2022	3,105.90	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,545	5,804	5,866	5,433	53	98	11/1/2022	6,696.80	
NILAN	10,992	5,158	3,904	2,524	2,490	23	48	10/31/2022	4,417.35	1,590 AF active storage
RUBY RIVER	37,612	13,812	12,082	13,912	18,845	50	136	11/1/2022	5,370.30	
WILLOW CREEK	18,000	8,330	4,683	6,487	7,720	43	93	11/1/2022	4,720.40	
Yellowstone Basin										
COONEY	28,230	16,792	16,576	17,810	17,413	62	104	11/1/2022	4,236.70	17,323 AF active storage
COTTONWOOD	1,900	777	123	140	182	10	23	11/1/2022	5,087.83	
TONGUE RIVER	79,071	44,088	39,981	40,367	42,713	54	97	11/1/2022	3,416.60	

* 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.