

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

November 2022

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	ELEVATION feet	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY				% AVERAGE
		Contents	1991- 2021	Nov-21	Oct-22	Nov-22	Nov-22				Nov-22
Clark Fork Basin											
E.F. ROCK CREEK	16,040	6,888	6,739	6,124	6,790	42	99	12/1/2022	6,027.8		
NEVADA CREEK	11,207	4,804	3,982	3,374	3,857	34	80	11/30/2022	4,591.45		
W.F. BITTERROOT	32,362	7,283	8,531	7,961	8,108	25	111	11/29/2022	4,670.4		
Lower Missouri Basin											
ACKLEY	6,722	3,015	2,613	3,002	3,081	46	102	11/29/2022	4,301.5	2,080 AF active storage	
BAIR	7,300	3,260	2,372	1,387	1,505	21	46	12/1/2022	5,289.0		
DEADMAN'S BASIN	75,968	41,620	31,654	24,505	27,933	37	67	12/1/2022	3,894.2	24,183 AF active storage	
FRENCHMAN	2,777	1,485	1,404	2,062	1,366	49	92	11/29/2022	2,261.9		
MARTINSDALE	23,348	9,792	7,872	2,679	3,457	15	35	11/29/2022	4,747.2		
N.FK. SMITH RIVER	11,406	5,397	3,776	3,269	3,665	32	68	11/29/2022	5,458.7		
YELLOWWATER	3,842	1,724	1,503	577	586	15	34	11/29/2022	3,106.0		
Upper Missouri Basin											
MIDDLE CREEK	10,184	5,627	5,388	5,433	5,537	54	98	12/1/2022	6,697.5		
NILAN	10,992	5,591	4,112	2,490	1,902	17	34	12/8/2022	4,418.6	1,811.6 AF active storage	
RUBY RIVER	37,612	17,392	15,687	18,845	22,872	61	132	12/1/2022	5,376.2		
WILLOW CREEK	18,000	8,989	7,039	7,720	9,435	52	105	12/1/2022	4,723.4		
Yellowstone Basin											
COONEY	28,230	17,547	18,440	17,413	17,949	64	102	12/1/2022	4,237.6	17,859 AF active storage	
COTTONWOOD	1,900	829	187	182	177	9	21	12/6/2022	5,087.7		
TONGUE RIVER	79,071	44,428	41,406	42,713	44,611	56	100	12/1/2022	3,417.4		

* 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.