

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 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	Apr-22	Mar-23	Apr-23	Apr-23				Apr-23
		April							feet		
Clark Fork Basin											
E.F. ROCK CREEK	16,040	9,667	9,400	8,678	9,122	57	94	5/1/2023	6,035.7		
NEVADA CREEK	11,207	9,991	8,227	5,096	9,674	86	97	4/27/2023	4,611.7		
W.F. BITTERROOT	32,362	22,102	16,418	7,674	12,467	39	56	5/1/2023	4,684.6		
Lower Missouri Basin											
ACKLEY	6,722	3,437	2,599	3,081	3,287	49	96	4/28/2023	4,302.8	2,286 AF active storage	
BAIR	7,300	4,776	2,839	1,801	4,310	59	90	5/1/2023	5,311.8		
DEADMAN'S BASIN	75,968	55,777	41,960	42,614	54,371	72	97	5/1/2023	3,910.0	50,621 AF active storage	
FRENCHMAN	2,777	2,752	2,777	1,748	--	--	--	--	--	Not Reported	
MARTINSDALE	23,348	13,438	10,153	4,259	8,374	36	62	4/24/2023	4,759.6		
N.FK. SMITH RIVER	11,406	8,569	5,597	--	8,493	74	99	5/1/2023	5,478.5		
YELLOWWATER	3,842	2,011	1,503	1,015	1,101	29	55	4/26/2023	3,109.0		
Upper Missouri Basin											
MIDDLE CREEK	10,184	6,512	5,719	5,449	5,897	58	91	5/1/2023	6,699.9		
NILAN	10,992	7,877	5,260	--	4,823	44	61	4/28/2023	4,427.4	3,923.2 AF active storage	
RUBY RIVER	37,612	36,307	33,192	34,565	32,951	88	91	5/1/2023	5,388.1		
WILLOW CREEK	18,000	16,369	13,539	12,302	13,220	73	81	5/1/2023	4,730.0		
Yellowstone Basin											
COONEY	28,230	23,312	26,916	21,023	26,055	92	112	4/26/2023	4,248.5	25,965 AF active storage	
COTTONWOOD	1,900	1,604	560	--	2,024	107	126	5/2/2023	5,103.0		
TONGUE RIVER	79,071	55,974	55,689	51,717	64,226	81	115	5/1/2023	3,424.2		

* 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.