

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

March 31, 2024

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY	%AVERAGE	READING DATE	ELEVATION	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month						PRESENT
		Contents	1993- 2023	Mar-23	Feb-24						Mar-24
		March						feet			
Clark Fork Basin											
E.F. ROCK CREEK	16,040	9,479	8,678	9,209	9,710	61	102	4/1/2024	6,037.6		
NEVADA CREEK	11,207	8,267	5,096	5,449	7,040	63	85	4/1/2024	4,603.6		
W.F. BITTERROOT	32,362	10,903	7,674	9,264	12,694	39	116	3/29/2024	4,685.3		
Lower Missouri Basin											
ACKLEY	6,722	3,112	3,081	4,296	4,319	64	139	3/20/2024	4,307.8	3,318 AF active storage	
BAIR	7,300	3,999	1,801	4,313	5,066	69	127	4/1/2024	5,315.7		
DEADMAN'S BASIN	75,968	51,417	42,614	64,119	64,633	85	126	4/1/2024	3,915.3	60,883 AF active storage	
FRENCHMAN	2,777	2,370	1,748	623	--	--	--	--	--	Not reported	
MARTINSDALE	23,348	9,974	4,259	15,781	18,154	78	182	4/1/2024	4,773.6		
N.F.K. SMITH RIVER	11,406	6,982	--	8,493	9,648	85	138	4/1/2024	5,482.4		
YELLOWWATER	3,842	1,873	1,015	1,273	1,187	31	63	3/20/2024	3,109.5		
Upper Missouri Basin											
MIDDLE CREEK	10,184	5,931	5,449	5,510	5,811	57	98	4/1/2024	6,699.3		
NILAN	10,992	7,129	--	8,392	8,913	81	125	4/1/2024	4,438.3	8,013 AF active storage	
RUBY RIVER	37,612	31,744	34,565	32,479	32,444	86	102	4/1/2024	5,387.5		
WILLOW CREEK	18,000	15,332	12,302	10,809	12,187	68	79	4/1/2024	4,728.2		
Yellowstone Basin											
COONEY	28,230	21,307	21,023	24,624	25,752	91	121	4/1/2024	4,248.1	25,662 AF active storage	
COTTONWOOD	1,900	1,210	--	1,546	1,947	102	161	4/4/2024	5,102.7		
TONGUE RIVER	79,071	53,216	51,717	50,223	56,434	71	106	4/1/2024	3,421.6		

* 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.