

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 30, 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	Apr-23	Mar-24						Apr-24
		April						feet			
Clark Fork Basin											
E.F. ROCK CREEK	16,040	9,744	9,122	9,710	10,205	64	105	4/30/2024	6,039.1		
NEVADA CREEK	11,207	10,037	9,674	7,040	8,908	79	89	5/4/2024	4,609.4		
W.F. BITTERROOT	32,362	21,843	12,467	12,694	27,900	86	128	4/24/2024	4,718.1		
Lower Missouri Basin											
ACKLEY	6,722	3,432	3,287	4,319	4,690	70	137	5/6/2024	4,309.5	3,689 AF active storage	
BAIR	7,300	4,713	4,310	5,066	5,516	76	117	4/30/2024	5,317.9		
DEADMAN'S BASIN	75,968	55,319	54,371	64,633	71,297	94	129	4/30/2024	3,918.7	67,547 AF active storage	
FRENCHMAN	2,777	2,752	--	--	2,784	100	101	5/6/2024	2,264.6		
MARTINSDALE	23,348	13,389	8,374	18,154	23,555	101	176	4/30/2024	4,779.5		
N.FK. SMITH RIVER	11,406	8,646	8,493	9,648	11,396	100	132	5/2/2024	5,487.9		
YELLOWWATER	3,842	2,031	1,101	1,187	1,204	31	59	4/25/2024	3,109.6		
Upper Missouri Basin											
MIDDLE CREEK	10,184	6,492	5,897	5,811	6,895	68	106	4/30/2024	6,705.8		
NILAN	10,992	7,720	4,823	8,913	9,717	88	126	4/30/2024	4,440.1	8.817 AF active storage	
RUBY RIVER	37,612	36,198	32,951	32,444	37,515	100	104	4/30/2024	5,392.9		
WILLOW CREEK	18,000	16,224	13,220	12,187	14,176	79	87	4/30/2024	4,731.2		
Yellowstone Basin											
COONEY	28,230	23,403	26,055	25,752	27,381	97	117	4/30/2024	4,250.0	27,291 AF active storage	
COTTONWOOD	1,900	1,622	2,024	1,947	1,900	100	117	4/29/2024	5,102.5		
TONGUE RIVER	79,071	56,318	64,226	56,434	68,563	87	122	4/30/2024	3,425.4		

* 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.