

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

July 31, 2024

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	1993- 2023	Jul-23	Jun-24	Jul-24	Jul-24				Jul-24
		July							feet		
Clark Fork Basin											
E.F. ROCK CREEK	16,040	10,816	12,486	11,880	6,744	42	62	8/1/2024	6,027.6		
NEVADA CREEK	11,207	9,127	9,213	6,906	5,006	45	55	8/1/2024	4,596.3		
W.F. BITTERROOT	32,362	29,580	30,569	32,758	30,579	94	103	8/3/2024	4,722.6		
Lower Missouri Basin											
ACKLEY	6,722	4,511	5,428	6,535	5,631	84	125	7/24/2024	4,313.5	4,630 AF active storage	
BAIR	7,300	4,479	7,204	5,755	4,646	64	104	7/31/2024	5,313.6		
DEADMAN'S BASIN	75,968	48,285	75,350	73,000	60,212	79	125	7/31/2024	3,913.1	56,462 AF active storage	
FRENCHMAN	2,777	2,016	1,025	--	--	--	--	--	--	Not reported	
MARTINSDALE	23,348	14,284	22,384	21,426	17,459	75	122	7/31/2024	4,772.7		
N.FK. SMITH RIVER	11,406	8,450	10,743	10,836	8,954	79	106	7/23/2024	5,480.1		
YELLOWWATER	3,842	2,044	1,299	1,273	1,187	31	58	7/24/2024	3,109.5		
Upper Missouri Basin											
MIDDLE CREEK	10,184	8,692	9,467	10,212	9,230	91	106	7/31/2024	6,717.1		
NILAN	10,992	7,822	9,139	9,116	6,565	60	84	7/31/2024	4,432.8	5,665 AF active storage	
RUBY RIVER	37,612	27,140	32,732	36,627	28,565	76	105	7/31/2024	5,383.2		
WILLOW CREEK	18,000	13,440	12,761	13,220	9,950	55	74	7/31/2024	4,724.3		
Yellowstone Basin											
COONEY	28,230	24,046	27,540	28,186	26,511	94	110	7/31/2024	4,249.0	26,421 AF active storage	
COTTONWOOD	1,900	1,301	1,899	--	1,599	84	123	7/29/2024	5,101.1		
TONGUE RIVER	79,071	62,210	76,751	78,544	69,946	88	112	7/31/2024	3,425.8		

* 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.