

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## February 29, 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	Feb-23	Jan-24	Feb-24	Feb-24				Feb-24
		February							feet		
<b>Clark Fork Basin</b>											
E.F. ROCK CREEK	16,040	9,035	8,253	8,668	<b>9,209</b>	57	102	3/1/2024	6,036.0		
NEVADA CREEK	11,207	6,111	4,736	4,783	<b>5,449</b>	49	89	2/29/2024	4,598.0		
W.F. BITTERROOT	32,362	7,838	7,837	8,433	<b>9,264</b>	29	118	2/29/2024	4,674.6		
<b>Lower Missouri Basin</b>											
ACKLEY	6,722	2,954	3,083	4,273	<b>4,296</b>	64	145	2/23/2024	4,307.7	3,295 AF active storage	
BAIR	7,300	3,488	1,736	4,359	<b>4,313</b>	59	124	3/1/2024	5,311.8		
DEADMAN'S BASIN	75,968	47,831	38,047	63,990	<b>64,119</b>	84	134	3/1/2024	3,915.1	60,369 AF active storage	
FRENCHMAN	2,777	1,981	1,515	393	--	--	--	--	--	not reported	
MARTINSDALE	23,348	9,332	4,015	15,925	<b>15,781</b>	68	169	3/1/2024	4,770.7		
N.FK. SMITH RIVER	11,406	6,275	--	8,422	<b>8,493</b>	74	135	2/23/2024	5,478.5		
YELLOWWATER	3,842	1,895	758	1,239	<b>1,273</b>	33	67	2/21/2024	3,110.0		
<b>Upper Missouri Basin</b>											
MIDDLE CREEK	10,184	5,793	5,370	5,441	<b>5,510</b>	54	95	3/1/2024	6,697.3		
NILAN	10,992	6,316	3,777	7,816	<b>8,392</b>	76	133	3/1/2024	4,437.2	7,492 AF active storage	
RUBY RIVER	37,612	27,844	31,966	31,463	<b>32,479</b>	86	117	3/1/2024	5,387.6		
WILLOW CREEK	18,000	13,845	12,187	9,264	<b>10,809</b>	60	78	3/1/2024	4,725.8		
<b>Yellowstone Basin</b>											
COONEY	28,230	19,233	20,265	21,710	<b>24,624</b>	87	128	3/1/2024	4,246.8	24,534 AF active storage	
COTTONWOOD	1,900	823	221	1,175	<b>1,546</b>	81	188	3/6/2024	5,100.9		
TONGUE RIVER	79,071	47,864	49,233	47,869	<b>50,223</b>	64	105	3/1/2024	3,419.5		

\* Note: Water elevation is in the local project datum.

\* Note: Reservoir contents include dead storage at the following:

Ackley	1001 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)	
Cooney	90 AF	**	Tongue River	711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot	656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	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.