

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**July 31, 2021**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1990- 2020 for July	7/31/2020	6/30/2021	7/31/2021	7/31/2021	for July		
<b>Clark Fork Basin</b>									
E.F. ROCK CREEK	16,040	10,166	13,740	10,797	5,832	36	57	7/30/2021	elev. = 6,024.2 ft
NEVADA CREEK	11,207	9,039	11,017	10,402	7,948	71	88	7/29/2021	elev. = 4,606.48 ft
W.F. BITTERROOT	32,362	29,701	32,362	32,640	27,339	84	92	7/26/2021	elev. = 4,717.2 ft
<b>Lower Missouri Basin</b>									
ACKLEY	6,722	4,478	5,455	5,298	3,801	57	85	7/29/2021	elev. = 4,305.3 ft (2,800 AF)
BAIR	7,300	4,558	6,245	4,125	3,188	44	70	7/30/2021	elev. = 5,305.0 ft
DEADMAN'S BASIN	75,968	48,707	66,984	50,875	39,292	52	81	7/30/2021	elev. = 3,901.4 ft (35,542 AF)
FRENCHMAN	2,777	2,194	1,910	2,011	1,139	41	52	8/2/2021	elev. = 2,261.3 ft
MARTINSDALE	23,348	14,511	21,073	15,839	11,624	50	80	7/29/2021	elev. = 4764.97 ft
N.F.K. SMITH RIVER	11,406	8,408	11,396	9,092	6,157	54	73	7/29/2021	elev. = 5,469.83 ft
YELLOWWATER	3,842	1,971	3,561	2,166	1,911	50	97	7/30/2021	elev. = 3,112.5 ft
<b>Upper Missouri Basin</b>									
MIDDLE CREEK	10,184	8,680	9,410	10,051	7,843	77	90	7/30/2021	elev. = 6,710.8 ft
NILAN	10,992	8,026	8,043	8,078	6,558	60	82	7/30/2021	elev. = 4,432.8 ft (5,658 AF)
RUBY RIVER	37,612	26,966	31,727	27,995	18,021	48	67	7/30/2021	elev. = 5,369.0 ft
WILLOW CREEK	18,000	13,603	11,215	9,492	4,092	23	30	8/6/2021	elev. = 4,711.54 ft
<b>Yellowstone Basin</b>									
COONEY	28,230	23,651	24,921	26,348	21,061	75	89	7/30/2021	elev. = 4242.2 ft (20,971 AF)
COTTONWOOD	1,900	1,359	1,670	1,268	373	20	27	7/26/2021	elev. = 5,091.32 ft
TONGUE RIVER	79,071	61,160	62,863	78,692	65,129	82	106	7/30/2021	elev. = 3,424.4 ft

\* 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.