

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

July 31, 2022

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		
		1991- 2021 for July	7/31/2021	6/30/2022	7/31/2022	7/31/2022	for July		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	10,253	5,832	14,670	10,473	65	102	8/1/2022	elev. = 6,040.0 ft
NEVADA CREEK	11,207	8,940	7,948	10,128	9,122	81	102	8/3/2022	elev. = 4,610.07 ft
W.F. BITTERROOT	32,362	29,651	27,339	32,945	29,600	91	100	8/2/2022	elev. = 4,721.09 ft
Lower Missouri Basin									
ACKLEY	6,722	4,453	3,801	4,949	4,920	73	110	7/29/2022	elev. = 4,310.51 ft (3,919 AF)
BAIR	7,300	4,509	3,188	2,728	2,216	30	49	8/1/2022	elev. = 5,297.1 ft
DEADMAN'S BASIN	75,968	48,994	39,292	34,746	28,262	37	58	8/1/2022	elev. = 3,894.4 ft (24,512 AF)
FRENCHMAN	2,777	2,113	1,139	2,916	1,758	63	83	8/1/2022	elev. = 2,262.7 ft
MARTINSDALE	23,348	14,290	11,624	8,554	5,920	25	41	8/1/2022	elev. = 4,754.59 ft
N.F.K. SMITH RIVER	11,406	8,306	6,157	7,244	5,160	45	62	8/1/2022	elev. = 5,465.49 ft
YELLOWWATER	3,842	2,024	1,911	1,161	861	22	43	7/28/2022	elev. = 3,107.6 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	8,651	7,843	10,244	9,088	89	105	8/1/2022	elev. = 6,716.5 ft
NILAN	10,992	7,975	6,558	4,329	2,936	27	37	8/2/2022	elev. = 4,419.8 ft (2,036 AF)
RUBY RIVER	37,612	26,658	18,021	38,133	32,999	88	124	8/1/2022	elev. = 5,388.1 ft
WILLOW CREEK	18,000	13,376	4,092	14,415	12,302	68	92	8/1/2022	elev. = 4,728.4 ft
Yellowstone Basin									
COONEY	28,230	23,718	21,061	28,301	27,837	99	117	8/1/2022	elev. = 4,250.6 ft (27,747 AF)
COTTONWOOD	1,900	1,312	373	933	473	25	36	8/8/2022	elev. = 5,092.75 ft
TONGUE RIVER	79,071	61,341	65,129	80,594	66,796	84	109	8/1/2022	elev. = 3,424.9 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.