

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

August 31, 2022

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1991- 2021 for August	8/31/2021	7/31/2022	8/31/2022	8/31/2022	for August		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	6,204	4,668	10,473	4,646	29	75	9/1/2022	elev. = 6,019.4 ft
NEVADA CREEK	11,207	5,656	4,642	9,122	5,781	52	102	8/31/2022	elev. = 4,599.23 ft
W.F. BITTERROOT	32,362	16,565	14,253	29,600	17,065	53	103	8/28/2022	elev. = 4,696.64 ft
Lower Missouri Basin									
ACKLEY	6,722	3,485	2,952	4,920	3,149	47	90	9/2/2022	elev. = 4,301.93 ft (2,148 AF)
BAIR	7,300	3,327	2,129	2,216	1,298	18	39	9/1/2022	elev. = 5,286.0 ft
DEADMAN'S BASIN	75,968	40,790	33,972	28,262	22,174	29	54	9/1/2022	elev. = 3,890.1 ft (18,424 AF)
FRENCHMAN	2,777	1,802	1,556	1,758	1,347	49	75	8/30/2022	elev. = 2,261.85 ft
MARTINSDALE	23,348	10,780	9,175	5,920	4,791	21	44	8/31/2022	elev. = 4,751.53 ft
N.F.K. SMITH RIVER	11,406	5,710	3,837	5,160	2,995	26	52	8/30/2022	elev. = 5,454.89 ft
YELLOWWATER	3,842	1,920	1,719	861	672	17	35	9/1/2022	elev. = 3,106.5 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	6,620	7,031	9,088	6,802	67	103	9/1/2022	elev. = 6,705.3 ft
NILAN	10,992	6,343	5,566	2,936	2,766	25	44	9/1/2022	elev. = 4,418.92 ft (1,866 AF)
RUBY RIVER	37,612	15,962	11,805	32,999	20,815	55	130	9/1/2022	elev. = 5,373.3 ft
WILLOW CREEK	18,000	10,105	3,114	12,302	9,206	51	91	9/1/2022	elev. = 4,723.0 ft
Yellowstone Basin									
COONEY	28,230	18,189	16,257	27,837	21,169	75	116	9/1/2022	elev. = 4,242.3 ft (21,079 AF)
COTTONWOOD	1,900	744	113	473	121	6	16	9/6/2022	elev. = 5,086.07 ft
TONGUE RIVER	79,071	48,014	49,991	66,796	49,184	62	102	9/1/2022	elev. = 3,419.1 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.