

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

August 31, 2021

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY			% AVERAGE
		Contents	1990- 2020 for August	8/31/2020	7/31/2021	8/31/2021	8/31/2021			for August
Clark Fork Basin										
E.F. ROCK CREEK	16,040	6,048	8,110	5,832	4,668	29	77	8/31/2021	elev. = 6,019.5 ft	
NEVADA CREEK	11,207	5,818	6,101	7,948	4,642	41	80	8/30/2021	elev. = 4,594.86 ft	
W.F. BITTERROOT	32,362	16,641	19,615	27,339	14,253	44	86	8/27/2021	elev. = 4,689.44 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,503	4,014	3,801	2,952	44	84	9/1/2021	elev. = 4,300.75 ft (1,951 AF)	
BAIR	7,300	3,356	3,799	3,188	2,129	29	63	8/31/2021	elev. = 5,296.2 ft	
DEADMAN'S BASIN	75,968	40,520	54,691	39,292	33,972	45	84	8/31/2021	elev. = 3,898.2 ft (30,222 AF)	
FRENCHMAN	2,777	1,827	1,404	1,139	1,556	56	85	8/30/2021	elev. = 2,262.3 ft	
MARTINSDALE	23,348	10,819	15,839	11,624	9,175	39	85	8/31/2021	elev. = 4,761.0 ft	
N.F.K. SMITH RIVER	11,406	5,780	7,780	6,157	3,837	34	66	8/31/2021	elev. = 5,459.67 ft	
YELLOWWATER	3,842	1,868	3,333	1,911	1,719	45	92	9/1/2021	elev. = 3,111.75 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	6,605	6,788	7,843	7,031	69	106	8/24/2021	elev. = 6,706.57 ft	
NILAN	10,992	6,371	4,870	6,558	5,566	51	87	8/31/2021	elev. = 4,429.9 ft (4,666 AF)	
RUBY RIVER	37,612	16,149	18,664	18,021	11,805	31	73	8/31/2021	elev. = 5,357.3 ft	
WILLOW CREEK	18,000	10,272	7,762	4,092	3,114	17	30	8/30/2021	elev. = 4,708 ft	
Yellowstone Basin										
COONEY	28,230	18,175	18,865	21,061	16,257	58	89	8/31/2021	elev. = 4,234.9 ft (16,167 AF)	
COTTONWOOD	1,900	776	765	373	113	6	15	8/26/2021	elev. = 5,085.78 ft	
TONGUE RIVER	79,071	47,920	43,775	65,129	49,991	63	104	8/31/2021	elev. = 3,419.4 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.