

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

October 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 October	10/31/2020	9/30/2021	10/31/2021	10/31/2021			for October
Clark Fork Basin										
E.F. ROCK CREEK	16,040	6,103	7,114	5,439	6,123	38	100	11/1/2021	elev. = 6,025.3 ft	
NEVADA CREEK	11,207	4,358	4,320	3,091	3,332	30	76	11/1/2021	elev. = 4,588.92 ft	
W.F. BITTERROOT	32,362	6,895	8,222	6,381	7,566	23	110	11/1/2021	elev. = 4,668.3 ft	
Lower Missouri Basin										
ACKLEY	6,722	2,909	3,346	2,533	2,509	37	86	11/1/2021	elev. = 4,298.05 ft (1,508 AF)	
BAIR	7,300	3,135	3,733	2,174	2,281	31	73	11/1/2021	elev. = 5,297.7 ft	
DEADMAN'S BASIN	75,968	38,832	51,881	31,964	31,991	42	82	11/3/2021	elev. = 3,896.87 ft (28,241 AF)	
FRENCHMAN	2,777	1,750	1,347	1,454	1,404	51	80	10/28/2021	elev. = 2,262.0 ft	
MARTINSDALE	23,348	9,462	12,268	8,155	7,683	33	81	10/29/2021	elev. = 4,758.0 ft	
N.F.K. SMITH RIVER	11,406	5,116	6,383	3,287	3,520	31	69	10/29/2021	elev. = 5,457.95 ft	
YELLOWWATER	3,842	1,657	3,187	1,554	1,554	40	94	11/10/2021	elev. = 3,111.1 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,536	5,413	5,695	5,804	57	105	10/29/2021	elev. = 6,699.26 ft	
NILAN	10,992	5,204	900	4,000	3,904	36	75	11/1/2021	elev. = 4,424.1 ft (3,004 AF)	
RUBY RIVER	37,612	13,680	14,085	7,371	12,082	32	88	11/1/2021	elev. = 5,357.9 ft	
WILLOW CREEK	18,000	8,476	6,294	2,914	4,683	26	55	10/27/2021	elev. = 4,714.0 ft	
Yellowstone Basin										
COONEY	28,230	16,813	18,282	13,419	16,576	59	99	11/1/2021	elev. = 4,235.4 ft (16,486 AF)	
COTTONWOOD	1,900	810	849	87	123	6	15	10/31/2021	elev. = 5,086.11 ft	
TONGUE RIVER	79,071	44,284	37,984	39,910	39,981	51	90	11/1/20021	elev. = 3,415.5 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.