

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

November 30, 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 November	11/30/2020	10/31/2021	11/30/2021	11/30/2021			for November
Clark Fork Basin										
E.F. ROCK CREEK	16,040	6,894	7,939	6,123	6,739	42	98	11/30/2021	elev. = 6,027.6 ft	
NEVADA CREEK	11,207	4,883	5,856	3,332	3,982	36	82	11/30/2021	elev. = 4,592.03 ft	
W.F. BITTERROOT	32,362	7,078	7,701	7,566	8,531	26	121	11/30/2021	elev. = 4,672.3 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,030	3,276	2,509	2,613	39	86	12/1/2021	elev. = 4,298.68 ft (1,612 AF)	
BAIR	7,300	3,273	3,920	2,281	2,372	32	72	11/30/2021	elev. = 5,298.5 ft	
DEADMAN'S BASIN	75,968	41,457	57,492	31,991	31,654	42	76	11/29/2021	elev. = 3,896.65 ft (27,904 AF)	
FRENCHMAN	2,777	1,494	1,271	1,404	1,404	51	94	11/29/2021	elev. = 2,262.0 ft	
MARTINSDALE	23,348	9,793	13,193	7,683	7,872	34	80	12/1/2021	elev. = 4,758.62 ft	
N.F.K. SMITH RIVER	11,406	5,422	6,995	3,520	3,776	33	70	12/1/2021	elev. = 5,459.45 ft	
YELLOWWATER	3,842	1,672	2,969	1,554	1,503	39	90	11/30/2021	elev. = 3,110.9 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,635	5,360	5,804	5,388	53	96	12/1/2021	elev. = 6,696.5 ft	
NILAN	10,992	5,650	--	3,904	4,112	37	73	11/30/2021	elev. = 4,424.9 ft (3,212 AF)	
RUBY RIVER	37,612	17,302	17,756	12,082	15,687	42	91	11/30/2021	elev. = 5,365.0 ft	
WILLOW CREEK	18,000	9,078	7,114	4,683	7,039	39	78	11/30/2021	elev. = 4,719.1 ft	
Yellowstone Basin										
COONEY	28,230	17,515	17,844	16,576	18,440	65	105	11/30/2021	elev. = 4,238.3 ft (18,350 AF)	
COTTONWOOD	1,900	869	728	123	187	10	22	11/18/2021	elev. = 5,087.94 ft	
TONGUE RIVER	79,071	44,572	38,869	39,981	41,406	52	93	11/30/2021	elev. = 3,416.1 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.