

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 28, 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 February	2/29/2020	1/31/2021	2/28/2021	2/28/2021			for February
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,073	9,533	8,981	9,392	59	104	3/1/2021	elev.= 6,036.6 ft	
NEVADA CREEK	11,207	6,145	6,885	6,960	7,583	68	123	3/1/2021	elev.= 4,605.33 ft	
W.F. BITTERROOT	32,362	7,379	6,538	5,683	5,773	18	78	2/24/2021	elev.= 4,660.90 ft	
Lower Missouri Basin										
ACKLEY	6,722	1,701	4,296	3,346	3,251	48	191	3/1/2021	elev.= 4,302.55 ft (2,250 AF)	
BAIR	7,300	3,637	5,471	4,156	4,246	58	117	3/1/2021	elev.= 5,311.5 ft	
DEADMAN'S BASIN	75,968	47,510	66,093	64,460	64,588	85	136	3/1/2021	elev.= 3,915.3 ft (60,838 AF)	
FRENCHMAN	2,777	2,080	NR	2,717	1,657	60	80	2/26/2021	elev.= 2,262.5 ft	
MARTINSDALE	23,348	9,213	15,802	14,384	15,138	65	164	3/8/2021	elev.= 4,769.87 ft	
N.F.K. SMITH RIVER	11,406	6,096	8,261	7,780	7,935	70	130	3/5/2021	elev.= 5,476.55 ft	
YELLOWATER	3,842	1,701	2,976	2,878	2,917	76	171	2/27/2021	elev.= 3,115.92 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,840	5,383	5,456	5,370	53	92	3/1/2021	elev.= 6,696.4 ft	
NILAN	10,992	6,743	NR	--	2,248	20	33	3/3/2021	elev.= 4,415.85 ft (1,348 AF)	
RUBY RIVER	37,612	27,623	28,473	24,833	27,639	73	100	3/1/2021	elev.= 5,382.1 ft	
WILLOW CREEK	18,000	14,112	10,614	9,560	11,188	62	79	3/4/2021	elev.= 4,726.46 ft	
Yellowstone Basin										
GOONEY	28,230	19,148	18,850	18,362	19,296	68	101	3/1/2021	elev.= 4,239.6 ft (19,206 AF)	
COTTONWOOD	1,900	875	NR	765	1,202	63	137	3/5/2021	elev.= 5,099.04 ft	
TONGUE RIVER	79,071	48,035	48,749	40,928	44,015	56	92	3/1/2021	elev.= 3,417.1 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.