

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

March 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 March	3/31/2020	2/28/2021	3/31/2021	3/31/2021			for March
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,409	9,949	9,392	9,749	61	104	4/2/2021	elev.= 6,037.7 ft	
NEVADA CREEK	11,207	8,316	8,665	7,583	9,976	89	120	4/1/2021	elev.= 4612.56 ft	
W.F. BITTERROOT	32,362	10,449	6,808	5,773	7,323	23	70	3/31/2021	elev.= 4,667.2 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,116	4,364	3,251	3,429	51	110	3/31/2021	elev.= 4,303.5 ft (2,428 AF)	
BAIR	7,300	4,172	6,015	4,246	4,657	64	112	4/2/2021	elev.= 5,313.7 ft	
DEADMAN'S BASIN	75,968	51,256	66,055	64,588	64,401	85	126	4/2/2021	elev.= 3,915.2 ft (60,651 AF)	
FRENCHMAN	2,777	2,362	NR	1,657	2,657	96	112	3/31/2021	elev.= 2,264.4 ft	
MARTINSDALE	23,348	9,879	15,412	15,138	16,561	71	168	4/7/2021	elev.= 4,771.62 ft	
N.F.K. SMITH RIVER	11,406	6,806	8,541	7,935	9,025	79	133	4/5/2021	elev.= 5,480.37 ft	
YELLOWWATER	3,842	1,764	3,187	2,917	2,813	73	159	4/1/2021	elev.= 3,115.6 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,981	5,491	5,370	5,432	53	91	4/1/2021	elev.= 6,696.8 ft	
NILAN	10,992	7,472	7,697	2,248	2,618	24	35	3/31/2021	elev.= 4,418.1 ft (1,718 AF)	
RUBY RIVER	37,612	31,692	31,237	27,639	30,594	81	97	4/2/2021	elev.= 5,385.5 ft	
WILLOW CREEK	18,000	15,712	12,261	11,188	12,172	68	77	3/30/2021	elev.= 4,728.17 ft	
Yellowstone Basin										
COONEY	28,230	21,187	22,350	19,296	22,623	80	107	4/2/2021	elev.= 4,244.2 ft (22,533 AF)	
COTTONWOOD	1,900	1,231	1,583	1,202	1,674	88	136	4/1/2021	elev.= 5,101.49 ft	
TONGUE RIVER	79,071	53,374	57,620	44,015	53,283	67	100	4/2/2021	elev.= 3,420.6 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.