

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 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 April	4/30/2020	3/31/2021	4/30/2021	4/30/2021			for April
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,499	10,405	9,749	10,058	63	106	4/30/2021	elev.= 6,038.7 ft	
NEVADA CREEK	11,207	10,075	11,439	9,976	11,307	101	112	4/30/2021	elev.= 4,616.27 ft	
W.F. BITTERROOT	32,362	21,975	22,106	7,323	14,183	44	65	4/28/2021	elev.= 4,689.2 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,541	4,427	3,429	3,532	53	100	5/1/2021	elev.= 4,304 ft (2,531 AF)	
BAIR	7,300	4,853	6,444	4,657	4,969	68	102	4/30/2021	elev.= 5,315.3 ft	
DEADMAN'S BASIN	75,968	54,984	72,652	64,401	67,775	89	123	4/30/2021	elev.= 3,916.9 ft (64,025 AF)	
FRENCHMAN	2,777	2,735	--	2,657	2,916	105	107	4/30/2021	elev.= 2,264.8 ft	
MARTINSDALE	23,348	13,454	18,626	16,561	18,178	78	135	4/30/2021	elev.= 4,773.59 ft	
N.F.K. SMITH RIVER	11,406	8,508	10,180	9,025	9,801	86	115	4/30/2021	elev.= 5,482.91 ft	
YELLOWATER	3,842	2,001	3,317	2,813	2,748	72	137	5/6/2021	elev = 3,115.4 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	6,566	6,103	5,432	5,793	57	88	4/30/2021	elev.= 6,699.2 ft	
NILAN	10,992	8,119	9,130	2,618	2,988	27	37	4/27/2021	elev.= 4,420.09 ft (2,088 AF)	
RUBY RIVER	37,612	36,551	36,696	30,594	32,905	87	90	5/2/2021	elev.= 5,388.37 ft	
WILLOW CREEK	18,000	16,657	13,784	12,172	13,003	72	78	4/30/2021	elev.= 4,729.62 ft	
Yellowstone Basin										
GOONEY	28,230	22,819	27,557	22,623	26,620	94	117	4/30/2021	elev.= 4,249.2 ft (26,530 AF)	
COTTONWOOD	1,900	1,635	1,651	1,674	2,008	106	123	4/30/2021	elev.= 5,102.91 ft	
TONGUE RIVER	79,071	55,954	58,581	53,283	56,674	72	101	4/30/2021	elev.= 3,421.75 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.