

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

May 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 May	5/31/2020	4/30/2021	5/31/2021	5/31/2021			for May
Clark Fork Basin										
E.F. ROCK CREEK	16,040	11,440	13,853	10,058	11,170	70	98	6/1/2021	elev. = 6,042.1 ft	
NEVADA CREEK	11,207	10,901	11,399	11,307	11,462	102	105	5/31/2021	elev. = 4,616.69 ft	
W.F. BITTERROOT	32,362	33,116	34,028	14,183	33,070	102	100	5/27/2021	elev. = 4,726.52 ft	
Lower Missouri Basin										
ACKLEY	6,722	4,943	5,341	3,532	5,341	79	108	6/3/2021	elev. = 4,312.4 ft (4,340 AF)	
BAIR	7,300	5,546	7,302	4,969	5,286	72	95	6/1/2021	elev. = 5,316.8 ft	
DEADMAN'S BASIN	75,968	55,512	75,976	67,775	65,445	86	118	6/1/2021	elev. = 3,915.8 ft (61,695 AF)	
FRENCHMAN	2,777	2,774	2,777	2,916	2,777	100	100	5/28/2021	elev. = 2,264.6 ft	
MARTINSDALE	23,348	16,585	23,254	18,178	20,969	90	126	6/1/2021	elev. = 4,776.73 ft	
N.F.K. SMITH RIVER	11,406	10,313	11,558	9,801	11,558	101	112	6/1/2021	elev. = 5,488.39 ft	
YELLOWWATER	3,842	2,077	3,935	2,748	2,580	67	124	6/2/2021	elev. = 3,114.85 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	9,476	10,368	5,793	9,583	94	101	6/1/2021	elev. = 6,718.6 ft	
NILAN	10,992	9,085	9,854	2,988	4,149	38	46	5/27/2021	elev. = 4,425.02 ft (3,249 AF)	
RUBY RIVER	37,612	36,834	38,279	32,905	35,693	95	97	6/1/2021	elev. = 5,391.0 ft	
WILLOW CREEK	18,000	16,464	12,652	13,003	12,537	70	76	6/1/2021	elev. = 4,728.81 ft	
Yellowstone Basin										
COONEY	28,230	24,889	28,129	26,620	27,585	98	111	6/1/2021	elev. = 4,250.3 ft (27,495 AF)	
COTTONWOOD	1,900	1,689	2,008	2,008	2,055	108	122	5/25/2021	elev. = 5,103.08 ft	
TONGUE RIVER	79,071	74,434	80,743	56,674	78,056	99	105	6/1/2021	elev. = 3,428.1 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.