

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

May 31, 2020

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	1989- 2019 for May	5/31/2019	4/30/2020	5/31/2020	5/31/2020			for May
Clark Fork Basin										
E.F. ROCK CREEK	16,040	11,214	13,156	10,405	13,853	86	124	6/1/2020	elev. = 6,049.8 ft	
NEVADA CREEK	11,207	10,944	11,318	11,439	11,399	102	104	5/30/2020	elev. = 4,616.52 ft	
W.F. BITTERROOT	32,362	33,041	33,452	22,106	34,028	105	103	5/30/2020	elev. = 4,727.9 ft	
Lower Missouri Basin										
ACKLEY	6,722	4,972	6,296	4,427	5,341	79	107	5/28/2020	elev. = 4,312.4 ft (4,340 AF)	
BAIR	7,300	5,431	7,332	6,444	7,302	100	134	6/1/2020	elev. = 5,325.0 ft	
DEADMAN'S BASIN	75,968	54,170	76,406	72,652	75,976	100	140	6/1/2020	elev. = 3,921.0 ft (72,226 AF)	
FRENCHMAN	2,777	2,774	--	--	2,777	100	100	6/1/2020	elev. = 2,265.3 ft	
MARTINSDALE	23,348	16,315	23,622	18,626	23,254	100	143	5/28/2020	elev. = 4,779.15 ft	
N.FK. SMITH RIVER	11,406	10,199	11,541	10,180	11,558	101	113	5/28/2020	elev. = 5,488.39 ft	
YELLOWWATER	3,842	1,972	4,277	3,317	3,935	102	200	5/29/2020	elev. = 3,118.85 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	9,443	10,307	6,103	10,368	102	110	6/1/2020	elev. = 6,721.7 ft	
NILAN	10,992	9,079	11,144	9,130	9,854	90	109	5/27/2020	elev. = 4,440.33 ft (8,954 AF)	
RUBY RIVER	37,612	36,809	37,976	36,696	38,279	102	104	6/1/2020	elev. = 5,393.6 ft	
WILLOW CREEK	18,000	16,628	14,887	13,784	12,652	70	76	5/25/2020	elev. = 4,729.01 ft	
Yellowstone Basin										
COONEY	28,230	24,772	28,273	27,557	28,129	100	114	6/1/2020	elev. = 4,250.9 ft (28,039 AF)	
COTTONWOOD	1,900	1,673	1,947	1,651	2,008	106	120	6/4/2020	elev. = 5,102.91 ft	
TONGUE RIVER	79,071	74,119	82,802	58,581	80,743	102	109	6/1/2020	elev. = 3,428.8 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.