

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 30, 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 April	4/30/2019	3/31/2020	4/30/2020	4/30/2020			for April
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,310	9,513	9,949	10,405	65	112	5/1/2020	elev.= 6,039.8 ft	
NEVADA CREEK	11,207	10,101	11,336	8,665	11,439	102	113	4/29/2020	elev.= 4,616.63 ft	
W.F. BITTERROOT	32,362	21,971	28,519	6,808	22,106	68	101	4/29/2020	elev.= 4,707.5 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,510	5,198	4,364	4,427	66	126	5/1/2020	elev.= 4,308.3 ft (3,426 AF)	
BAIR	7,300	4,743	6,876	6,015	6,444	88	136	5/1/2020	elev.= 5,321.8 ft	
DEADMAN'S BASIN	75,968	53,484	71,853	66,055	72,652	96	136	5/1/2020	elev.= 3,919.4 ft (68,902 AF)	
FRENCHMAN	2,777	2,735	--	--	--	--	--	--	Not Reported	
MARTINSDALE	23,348	13,024	19,964	15,412	18,626	80	143	4/29/2020	elev.= 4,774.09 ft	
N.F.K. SMITH RIVER	11,406	8,363	11,558	8,541	10,180	89	122	4/30/2020	elev.= 5,484.15 ft	
YELLOWATER	3,842	1,944	3,835	3,187	3,317	86	171	5/1/2020	elev.= 3,117.15 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	6,583	6,459	5,491	6,103	60	93	5/1/2020	elev.= 6,701.2 ft	
NILAN	10,992	8,000	10,434	7,697	9,130	83	114	5/1/2020	elev.= 4,438.81 ft (8,230 AF)	
RUBY RIVER	37,612	36,545	37,894	31,237	36,696	98	100	5/1/2020	elev.= 5,392.1 ft	
WILLOW CREEK	18,000	16,784	13,145	12,261	13,784	77	82	4/27/2020	elev.= 4,730.71 ft	
Yellowstone Basin										
GOONEY	28,230	22,668	25,136	22,350	27,557	98	122	5/1/2020	elev.= 4,250.2 ft (27,467 AF)	
COTTONWOOD	1,900	1,635	1,958	1,583	1,651	87	101	4/17/2020	elev.= 5,101.37 ft	
TONGUE RIVER	79,071	55,823	73,373	57,620	58,581	74	105	5/1/2020	elev.= 3,422.3 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.