

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

March 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 March	3/31/2019	2/29/2020	3/31/2020	3/31/2020			for March
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,390	8,861	9,533	9,949	62	106	3/31/2020	elev.= 6,038.3 ft	
NEVADA CREEK	11,207	8,161	8,824	6,885	8,665	77	106	3/29/2020	elev.= 4,608.7 ft	
W.F. BITTERROOT	32,362	10,574	6,066	6,538	6,808	21	64	3/26/2020	elev.= 4,665.46 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,056	4,806	4,296	4,364	65	143	3/30/2020	elev.= 4,308.02 ft (3,363 AF)	
BAIR	7,300	4,017	5,707	5,471	6,015	82	150	3/31/2020	elev.= 5,320.0 ft	
DEADMAN'S BASIN	75,968	49,775	64,762	66,093	66,055	87	133	3/31/2020	elev.= 3,916.1 ft (62,305 AF)	
FRENCHMAN	2,777	2,362	3,916	NR	NR	--	--	--	Spilling	
MARTINSDALE	23,348	9,375	--	15,802	15,412	66	164	3/30/2020	elev.= 4,770.22 ft	
N.F.K. SMITH RIVER	11,406	6,615	--	8,261	8,541	75	129	3/30/2020	elev.= 5,478.69 ft	
YELLOWATER	3,842	1,702	--	2,976	3,187	83	187	3/31/2020	elev.= 3,116.75 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,999	5,431	5,383	5,491	54	92	3/31/2020	elev.= 6,697.2 ft	
NILAN	10,992	7,361	--	NR	7,697	70	105	3/26/2020	elev.= 4,435.6 ft (6,797 AF)	
RUBY RIVER	37,612	31,642	30,100	28,473	31,237	83	99	3/31/2020	elev.= 5,386.2 ft	
WILLOW CREEK	18,000	15,841	12,998	10,614	12,261	68	77	3/29/2020	elev.= 4,728.33 ft	
Yellowstone Basin										
GOONEY	28,230	21,151	25,637	18,850	22,350	79	106	3/31/2020	elev.= 4,243.9 ft (22,260 AF)	
COTTONWOOD	1,900	1,212	1,839	NR	1,583	83	131	3/26/2020	elev.= 5,101.04 ft *snow/ice heave -measurement may be inaccurate.	
TONGUE RIVER	79,071	53,161	69,652	48,749	57,620	73	108	3/31/2020	elev.= 3,422.0 ft	

NR - Not Reported

* 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.