

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

March 31, 2019

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	1988- 2018 for March	3/31/2018	2/28/2019	3/31/2019	2/28/2019			for March
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,410	9,149	8,268	8,861	55	94	4/2/2019	elev. = 6,034.9 ft	
NEVADA CREEK	11,207	7,962	8,577	7,668	8,824	79	111	3/31/2019	elev. = 4,609.18 ft	
W.F. BITTERROOT	32,362	10,735	10,369	--	6,066	19	57	3/29/2019	elev. = 4,662.2 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,021	2,880	--	4,806	71	159	3/30/2019	elev. = 4,310.0 ft (3,805 AF)	
BAIR	7,300	3,906	2,911	4,767	5,707	78	146	4/2/2019	elev. = 5,318.7 ft	
DEADMAN'S BASIN	75,968	49,118	66,003	66,455	64,762	85	132	4/2/2019	elev. = 3,915.4 ft (61,012 AF)	
FRENCHMAN	2,777	2,362	--	--	3,916	--	--	4/5/2019	elev. = 2,266.2 ft	
MARTINSDALE	23,348	9,190	16,192	--	--	--	--	--	Not Reported	
N.F.K. SMITH RIVER	11,406	6,504	4,750	--	--	--	--	--	Not Reported	
YELLOWWATER	3,842	1,655	2,976	--	--	--	--	--	Not Reported	
Upper Missouri Basin										
MIDDLE CREEK	10,184	6,021	5,527	5,382	5,431	53	90	4/2/2019	elev. = 6,696.8 ft	
NILAN	10,992	7,448	8,996	--	--	--	--	--	Not Reported	
RUBY RIVER	37,612	31,703	32,932	27,251	30,100	80	95	4/2/2019	elev. = 5,385.0 ft	
WILLOW CREEK	18,000	15,893	12,893	11,222	12,998	72	82	3/26/2019	elev. = 4,729.58 ft	
Yellowstone Basin										
COONEY	28,230	21,088	22,089	19,635	25,637	91	122	4/2/2019	elev. = 4,248.0 ft (25,547 AF)	
COTTONWOOD	1,900	1,175	2,040	--	1,839	97	157	4/1/2019	elev. = 5,102.24 ft	
TONGUE RIVER	79,071	52,293	62,447	51,753	69,652	88	133	4/2/2019	elev. = 3,425.7 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.