

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 30, 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 April	4/30/2018	3/31/2019	4/30/2019	4/30/2019			for April
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,203	9,800	8,861	9,513	59	103	5/3/2019	elev. = 6,037.0 ft	
NEVADA CREEK	11,207	9,884	11,857	8,824	11,336	101	115	5/2/2019	elev. = 4,616.35 ft	
W.F. BITTERROOT	32,362	21,613	18,828	6,066	28,519	88	132	4/30/2019	elev. = 4,719.16 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,466	3,325	4,806	5,198	77	150	5/1/2019	elev. = 4,311.76 ft (4,197 AF)	
BAIR	7,300	4,623	5,110	5,707	6,876	94	149	5/3/2019	elev. = 5,323.4 ft	
DEADMAN'S BASIN	75,968	52,697	70,218	64,762	71,853	95	136	5/3/2019	elev. = 3,919.0 ft (68,103 AF)	
FRENCHMAN	2,777	2,735	4,316	3,916	--	--	--	--	Not Reported	
MARTINSDALE	23,348	12,606	23,131	--	19,964	86	158	5/3/2019	elev. = 4,775.67 ft	
N.F.K. SMITH RIVER	11,406	8,153	9,923	--	11,558	101	142	5/3/2019	elev. = 5,488.4 ft	
YELLOWWATER	3,842	1,858	3,915	--	3,835	100	--	4/29/2019	elev. = 3,118.6 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	6,588	6,662	5,431	6,459	63	98	5/3/2019	elev. = 6,703.3 ft	
NILAN	10,992	7,979	10,980	--	10,434	95	131	4/23/2019	elev. = 4,441.5 ft (9,534 AF)	
RUBY RIVER	37,612	36,610	38,163	30,100	37,894	101	104	5/3/2019	elev. = 5,393.2 ft	
WILLOW CREEK	18,000	16,932	12,399	12,998	13,145	73	78	4/25/2019	elev. = 4,729.87 ft	
Yellowstone Basin										
COONEY	28,230	22,630	22,930	25,637	25,136	89	111	5/3/2019	elev. = 4,247.4 ft (25,046 AF)	
COTTONWOOD	1,900	1,617	2,134	1,839	1,958	103	121	5/2/2019	elev. = 5,102.71 ft	
TONGUE RIVER	79,071	54,899	62,200	69,652	73,373	93	134	5/3/2019	elev. = 3,426.8 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.