

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

August 31, 2019

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY	%AVERAGE		
		1988- 2018 for August	8/31/2018	7/31/2019	8/31/2019	8/31/2019	for August		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	5,741	4,978	11,948	7,295	45	213	8/30/2019	elev.= 6,029.6 ft
NEVADA CREEK	11,207	5,746	6,325	8,518	4,938	44	86	8/29/2019	elev.= 4,596.05 ft
W.F. BITTERROOT	32,362	16,345	19,931	32,301	17,065	53	104	8/27/2019	elev.= 4,696.64 ft
Lower Missouri Basin									
ACKLEY	6,722	3,424	4,873	5,707	4,826	72	141	8/31/2019	elev.= 4,310.00 ft (3,825 AF)
BAIR	7,300	3,264	5,657	7,168	5,826	80	178	8/30/2019	elev.= 5,319.2 ft
DEADMAN'S BASIN	75,968	37,329	63,750	74,308	63,732	84	171	8/30/2019	elev.= 3,914.9 ft (59,982 AF)
FRENCHMAN	2,777	1,873	NR	3,752	NR	--	--	--	Not Reported
MARTINSDALE	23,348	9,837	18,556	22,829	21,300	91	217	8/29/2019	elev.= 4,777.08 ft
N.FK. SMITH RIVER	11,406	5,293	9,294	11,396	9,025	79	171	8/29/2019	elev.= 5,480.37 ft
YELLOWATER	3,842	1,694	3,138	3,463	3,236	84	191	8/27/2019	elev.= 3,116.9 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	6,588	6,430	9,568	6,865	67	104	8/30/2019	elev.= 6705.7 ft
NILAN	10,992	6,269	9,535	10,571	8,428	77	134	9/4/2019	elev.= 4,437.27 ft (7,528 AF)
RUBY RIVER	37,612	15,590	16,591	33,142	20,685	55	133	8/30/2019	elev.= 5,373.1 ft
WILLOW CREEK	18,000	9,955	10,026	13,778	11,260	63	113	8/27/2019	elev.= 4,726.59 ft
Yellowstone Basin									
COONEY	28,230	17,913	21,903	26,026	21,827	77	122	8/30/2019	elev.= 4,243.2 ft (21,737 AF)
COTTONWOOD	1,900	748	1,240	2,001	1,297	68	174	8/29/2019	elev.= 5,099.56 ft
TONGUE RIVER	79,071	47,618	56,775	72,925	57,809	73	121	8/30/2019	elev.= 3,422.1 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.