

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

August 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 August	8/31/2019	7/31/2020	8/31/2020	8/31/2020			for August
Clark Fork Basin										
E.F. ROCK CREEK	16,040	5,974	7,295	13,740	8,110	51	136	8/31/2020	elev.= 6,032.4 ft	
NEVADA CREEK	11,207	5,904	4,938	11,017	6,101	54	103	9/2/2020	elev.= 4,600.37 ft	
W.F. BITTERROOT	32,362	16,542	17,065	32,362	19,615	61	119	8/26/2020	elev.= 4702.3 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,500	4,826	5,455	4,014	60	115	9/1/2020	elev.= 4,306.33 ft (3,013 AF)	
BAIR	7,300	3,347	5,826	6,245	3,799	52	114	8/31/2020	elev.= 5,308.9 ft	
DEADMAN'S BASIN	75,968	39,121	63,732	66,984	54,691	72	140	8/31/2020	elev.= 3,910.2 ft (50,941 AF)	
FRENCHMAN	2,777	1,873	NR	1,910	1,404	51	75	9/2/2020	elev.= 2,262.0 ft	
MARTINSDALE	23,348	10,535	21,300	21,073	15,839	68	150	8/27/2020	elev.= 4770.74 ft	
N.F.K. SMITH RIVER	11,406	5,576	9,025	11,396	7,780	68	140	8/26/2020	elev.= 5,476.0 ft	
YELLOWATER	3,842	1,809	3,236	3,561	3,333	87	184	8/31/2020	elev.= 3,117.2 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	6,598	6,865	9,410	6,788	67	103	9/3/2020	elev.= 6,705.2 ft	
NILAN	10,992	6,477	8,428	8,043	4,870	44	75	9/1/2020	elev.= 4,427.54 ft (3,970 AF)	
RUBY RIVER	37,612	15,760	20,685	31,727	18,664	50	118	8/31/2020	elev.= 5,370.1 ft	
WILLOW CREEK	18,000	10,242	11,260	11,215	7,762	43	76	9/1/2020	elev.= 4,720.47 ft	
Yellowstone Basin										
GOONEY	28,230	18,262	21,827	24,921	18,865	67	103	8/31/2020	elev.= 4,239.0 ft (18,775 AF)	
COTTONWOOD	1,900	776	1,297	1,670	765	40	99	9/2/2020	elev.= 5,095.91 ft	
TONGUE RIVER	79,071	48,127	57,809	62,863	43,775	55	91	8/31/2020	elev.= 3,417.0 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.