

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**July 31, 2020**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS					% CAPACITY	%AVERAGE	READING DATE	COMMENTS
		Full Pool	30 YR AVERAGE	Last Year	Last Month	PRESENT				
		Contents	1989- 2019 for July	7/31/2019	6/30/2020	7/31/2020				
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	9,761	11,948	16,324	<b>13,740</b>	86	141	7/31/2020	elev. = 6,049.5 ft	
NEVADA CREEK	11,207	8,968	8,518	11,159	<b>11,017</b>	98	123	7/29/2020	elev. = 4,615.48 ft	
W.F. BITTERROOT	32,362	29,612	32,301	33,264	<b>32,362</b>	100	109	7/30/2020	elev. = 4,725.25 ft	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	4,447	5,707	6,551	<b>5,455</b>	81	123	7/30/2020	elev. = 4,312.9 ft (4,454 AF)	
BAIR	7,300	4,475	7,168	7,198	<b>6,245</b>	86	140	7/31/2020	elev. = 5,321.0 ft	
DEADMAN'S BASIN	75,968	46,929	74,308	74,404	<b>66,984</b>	88	143	7/31/2020	elev. = 3,916.5 ft (63,234 AF)	
FRENCHMAN	2,777	2,220	3,752	2,777	<b>1,910</b>	69	86	8/3/2020	elev. = 2,263 ft	
MARTINSDALE	23,348	14,193	22,829	22,885	<b>21,073</b>	90	148	7/30/2020	elev. = 4,776.84 ft	
N.FK. SMITH RIVER	11,406	8,164	11,396	11,558	<b>11,396</b>	100	140	7/30/2020	elev. = 5,487.89 ft	
YELLOWWATER	3,842	1,860	3,463	3,814	<b>3,561</b>	93	191	8/4/2020	elev. = 3,117.90 ft	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	8,653	9,568	10,269	<b>9,410</b>	92	109	7/31/2020	elev. = 6,717.8 ft	
NILAN	10,992	8,028	10,571	9,790	<b>8,043</b>	73	100	8/3/2020	elev. = 4,436.41 ft (7,143 AF)	
RUBY RIVER	37,612	26,422	33,142	38,255	<b>31,727</b>	84	120	7/31/2020	elev. = 5,386.8 ft	
WILLOW CREEK	18,000	13,564	13,778	13,013	<b>11,215</b>	62	83	7/30/2020	elev. = 4,726.51 ft	
<b>Yellowstone Basin</b>										
COONEY	28,230	23,635	26,026	27,883	<b>24,921</b>	88	105	7/31/2020	elev. = 4,247.2 ft (24,831 AF)	
COTTONWOOD	1,900	1,342	2,001	1,974	<b>1,670</b>	88	124	7/29/2020	elev. = 5,101.46 ft	
TONGUE RIVER	79,071	61,075	72,925	77,850	<b>62,863</b>	80	103	7/31/2020	elev. = 3,423.7 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.