

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**September 30, 2021**

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1990- 2020 for September	9/30/2020	8/31/2021	9/30/2021	9/30/2021	for September		
<b>Clark Fork Basin</b>									
E.F. ROCK CREEK	16,040	5,759	6,201	4,668	<b>5,439</b>	34	94	9/30/2021	elev. = 6,022.7 ft
NEVADA CREEK	11,207	4,001	3,562	4,642	<b>3,091</b>	28	77	9/30/2021	elev. = 4,587.67 ft
W.F. BITTERROOT	32,362	7,495	7,296	14,253	<b>6,381</b>	20	85	9/28/2021	elev. = 4,663.6 ft
<b>Lower Missouri Basin</b>									
ACKLEY	6,722	3,154	3,346	2,952	<b>2,533</b>	38	80	10/6/2021	elev. = 4,298.2 ft (1,532 AF)
BAIR	7,300	3,012	3,774	2,129	<b>2,174</b>	30	72	9/30/2021	elev. = 5,296.7 ft
DEADMAN'S BASIN	75,968	37,764	48,854	33,972	<b>31,964</b>	42	85	9/30/2021	elev. = 3,896.9 ft (28,214 AF)
FRENCHMAN	2,777	1,752	1,910	1,556	<b>1,454</b>	52	83	9/30/2021	elev. = 2,262.1 ft
MARTINSDALE	23,348	9,584	12,476	9,175	<b>8,155</b>	35	85	9/30/2021	elev. = 4,759.19 ft
N.F.K. SMITH RIVER	11,406	4,898	6,305	3,837	<b>3,287</b>	29	67	9/30/2021	elev. = 5,456.69 ft
YELLOWWATER	3,842	1,775	3,171	1,719	<b>1,299</b>	34	73	10/7/2021	elev. = 3,110.1 ft
<b>Upper Missouri Basin</b>									
MIDDLE CREEK	10,184	5,643	5,500	7,031	<b>5,695</b>	56	101	9/30/2021	elev. = 6,698.5 ft
NILAN	10,992	5,474	1,502	5,566	<b>4,000</b>	36	73	9/30/2021	elev. = 4,424.5 ft (3,100 AF)
RUBY RIVER	37,612	10,250	10,493	11,805	<b>7,371</b>	20	72	9/30/2021	elev. = 5,346.4 ft
WILLOW CREEK	18,000	7,499	3,883	3,114	<b>2,914</b>	16	39	9/30/2021	elev. = 4,706.95 ft
<b>Yellowstone Basin</b>									
COONEY	28,230	15,559	18,137	16,257	<b>13,419</b>	48	86	9/30/2021	elev. = 4,230.1 ft (13,329 AF)
COTTONWOOD	1,900	747	739	113	<b>87</b>	5	12	10/2/2021	elev. = 5,084.9 ft
TONGUE RIVER	79,071	42,921	36,769	49,991	<b>39,910</b>	50	93	9/30/2021	elev. = 3,415.5 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.