

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**January 31, 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 January	1/31/2018	12/31/2018	1/31/2019	1/31/2019			for January
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	8,309	7,935	7,038	<b>7,675</b>	48	92	1/31/2019	elev.= 6,030.9 ft	
NEVADA CREEK	11,207	5,319	6,849	6,480	<b>7,056</b>	63	133	1/28/2019	elev.= 4,603.61 ft	
W.F. BITTERROOT	32,362	7,063	9,053	7,158	<b>6,269</b>	19	89	1/25/2019	elev.= 4,663.1 ft	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	2,888	--	4,331	--	--	--	--	Not Reported	
BAIR	7,300	3,251	2,626	4,775	<b>4,756</b>	65	146	1/31/2019	elev.= 5,314.2 ft	
DEADMAN'S BASIN	75,968	42,127	55,436	62,712	<b>65,703</b>	86	156	1/31/2019	elev.= 3,915.9 ft (61,953 AF)	
FRENCHMAN	2,777	2,000	--	--	--	--	--	--	Not Reported	
MARTINSDALE	23,348	8,384	--	16,922	<b>16,126</b>	69	192	1/16/2019	elev.= 4,771.09 ft	
N.F.K. SMITH RIVER	11,406	5,466	--	8,422	<b>7,717</b>	68	141	1/10/2019	elev.= 5,475.78 ft	
YELLOWWATER	3,842	1,496	--	2,835	--	--	--	--	Not Reported	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	5,795	5,472	5,368	<b>5,343</b>	52	92	1/31/2019	elev.= 6,696.2 ft	
NILAN	10,992	6,125	--	--	--	--	--	--	Not Reported	
RUBY RIVER	37,612	24,567	27,180	22,224	<b>24,844</b>	66	101	1/31/2019	elev.= 5,378.7 ft	
WILLOW CREEK	18,000	11,392	11,498	9,241	<b>10,384</b>	58	91	1/31/2019	elev.= 4,725.06 ft	
<b>Yellowstone Basin</b>										
COONEY	28,230	18,651	20,902	17,979	<b>18,755</b>	66	101	1/31/2019	elev.= 4,238.8 ft (18,665 AF)	
COTTONWOOD	1,900	793	807	--	--	--	--	--	Not Reported	
TONGUE RIVER	79,071	45,717	48,882	48,952	<b>50,569</b>	64	111	1/31/2019	elev.= 3,419.6 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.