

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**November 30, 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 November	11/30/2018	10/31/2019	11/30/2019	11/30/2019	for November		
<b>Clark Fork Basin</b>									
E.F. ROCK CREEK	16,040	6,811	6,271	6,989	<b>7,839</b>	49	115	12/2/2019	elev. = 6,031.4 ft
NEVADA CREEK	11,207	4,773	5,977	4,135	<b>5,201</b>	46	109	12/1/2019	elev. = 4,597.07 ft
W.F. BITTERROOT	32,362	6,978	8,108	8,677	<b>9,348</b>	29	134	11/26/2019	elev. = 4,674.88 ft
<b>Lower Missouri Basin</b>									
ACKLEY	6,722	2,971	4,331	4,296	<b>4,339</b>	65	146	11/26/2019	elev. = 4,307.90 ft (3,338 AF)
BAIR	7,300	3,089	5,034	4,720	<b>5,035</b>	69	163	12/2/2019	elev. = 5,315.6 ft
DEADMAN'S BASIN	75,968	38,365	60,440	67,085	<b>65,914</b>	87	172	12/2/2019	elev. = 3,916.0 ft (62,164 AF)
FRENCHMAN	2,777	1,522	--	2,663	NR	--	--	--	not reported
MARTINSDALE	23,348	9,095	16,922	NR	<b>16,959</b>	73	186	11/22/2019	elev. = 4,772.10 ft
N.F.K. SMITH RIVER	11,406	5,039	8,422	7,213	<b>7,652</b>	67	152	12/1/2019	elev. = 5,475.55 ft
YELLOWATER	3,842	1,616	2,956	3,106	NR	--	--	--	not reported
<b>Upper Missouri Basin</b>									
MIDDLE CREEK	10,184	5,655	5,450	5,358	<b>5,410</b>	53	96	12/2/2019	elev. = 6,696.7 ft
NILAN	10,992	5,645	8,694	5,314	<b>5,772</b>	53	102	11/19/2019	elev. = 4,430.54 ft (4,872 AF)
RUBY RIVER	37,612	16,814	19,258	16,885	<b>19,639</b>	52	117	12/2/2019	elev. = 5,371.5 ft
WILLOW CREEK	18,000	8,925	8,193	6,897	<b>9,186</b>	51	103	12/3/2019	elev. = 4,723.0 ft
<b>Yellowstone Basin</b>									
COONEY	28,230	17,531	18,239	17,509	<b>17,873</b>	63	102	12/2/2019	elev. = 4,237.5 ft (17,783 AF)
COTTONWOOD	1,900	845	1,370	NR	<b>1,353</b>	71	160	11/14/2019	elev. = 5,099.87 ft (mid-month measurement)
TONGUE RIVER	79,071	44,650	49,270	46,947	<b>48,793</b>	62	109	12/2/2019	elev. = 3,419.0 ft

NR - Not Reported

\* 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.