

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**August 31, 2017**

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	1986 - 2016 for August	8/31/2016	7/31/2017	8/31/2017	8/31/2017			for August
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	5,655	5,367	10,288	5,066	32	90	8/31/2017	elev.= 6,021.1 ft	
NEVADA CREEK	11,207	5,654	2,522	9,955	5,812	52	103	8/29/2017	elev.= 4,599.34 ft	
W.F. BITTERROOT	32,362	15,842	18,390	30,932	16,475	51	104	8/31/2017	elev.= 4,695.28 ft	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	3,385	3,561	4,470	3,063	46	90	8/31/2017	elev.= 4,301.41 ft (2,062 AF)	
BAIR	7,300	3,250	2,706	3,960	2,481	34	76	8/31/2017	elev.= 5,299.5 ft	
DEADMAN'S BASIN	75,968	35,902	35,978	56,895	45,871	60	128	8/31/2017	elev.= 3,905.3 ft (42,121 AF)	
FRENCHMAN	2,777	1,873	2,548	NR	1,328	48	71	8/24/2017	elev.= 2,261.80 ft	
MARTINSDALE	23,348	9,408	6,041	17,513	11,736	50	125	8/31/2017	elev.= 4,765.13 ft	
N.F.K. SMITH RIVER	11,406	5,173	5,511	7,455	4,983	44	96	8/31/2017	elev.= 5,464.72 ft	
YELLOWWATER	3,842	1,633	2,490	1,911	1,656	43	101	8/30/2017	elev.= 3,111.5 ft	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	6,002	6,445	8,043	6,465	63	108	8/31/2017	elev.= 6,703.4 ft	
NILAN	10,992	6,224	6,861	9,692	7,185	65	115	8/30/2017	elev.= 4,434.38 ft (6,285 AF)	
RUBY RIVER	37,612	15,464	12,881	24,055	13,145	35	85	8/31/2017	elev.= 5,360.2 ft	
WILLOW CREEK	18,000	9,830	9,378	13,411	10,036	56	102	8/30/2017	elev.= 4,724.45 ft	
<b>Yellowstone Basin</b>										
COONEY	28,230	17,783	16,493	26,896	21,595	76	121	8/31/2017	elev.= 4,242.9 ft (21,505 AF)	
COTTONWOOD	1,900	727	510	1,453	590	31	81	9/1/2017	elev.= 5094.11 ft	
TONGUE RIVER	79,071	46,657	44,734	67,237	54,795	69	117	8/31/2017	elev.= 3,421.1 ft	

NR - Measurements have not been 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 pre aerial survey.