

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**July 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	7/31/2016	6/30/2017	7/31/2017	7/31/2017			for July
		for July								
<b>Clark Fork Basin</b>										
E.F. ROCK CREEK	16,040	9,015	9,348	14,686	<b>10,288</b>	64	114	8/1/2017	elev.= 6,039.4 ft	
NEVADA CREEK	11,207	8,514	5,096	10,630	<b>9,955</b>	89	117	7/30/2017	elev.= 4,612.5 ft	
W.F. BITTERROOT	32,362	29,536	29,278	33,195	<b>30,932</b>	96	105	8/1/2017	elev.= 4,723.14 ft	
<b>Lower Missouri Basin</b>										
ACKLEY	6,722	4,360	4,449	6,535	<b>4,470</b>	66	103	8/2/2017	elev.= 4,308.49 ft (3,469 AF)	
BAIR	7,300	4,340	4,159	5,217	<b>3,960</b>	54	91	8/1/2017	elev.= 5,309.9 ft	
DEADMAN'S BASIN	75,968	42,134	46,710	72,100	<b>56,895</b>	75	135	8/1/2017	elev.= 3,911.3 ft (53,145 AF)	
FRENCHMAN	2,777	2,140	2,717	1,859	<b>NR</b>	---	---	---	---	
MARTINSDALE	23,348	12,928	10,033	23,131	<b>17,513</b>	75	135	8/1/2017	elev.= 4,772.78 ft	
N.FK. SMITH RIVER	11,406	7,608	7,193	10,265	<b>7,455</b>	65	98	8/1/2017	elev.= 5,474.84 ft	
YELLOWATER	3,842	1,690	2,716	2,391	<b>1,911</b>	50	113	7/31/2017	elev.= 3,112.5 ft	
<b>Upper Missouri Basin</b>										
MIDDLE CREEK	10,184	8,027	7,806	10,038	<b>8,043</b>	79	100	8/1/2017	elev.= 6,711.7 ft	
NILAN	10,992	7,670	7,187	10,308	<b>9,692</b>	88	126	7/26/2017	elev.= 4,440.00 ft (8,792 AF)	
RUBY RIVER	37,612	25,669	22,841	32,976	<b>24,055</b>	64	94	8/1/2017	elev.= 5,377.7 ft	
WILLOW CREEK	18,000	13,294	13,651	17,984	<b>13,411</b>	75	101	8/1/2017	elev.= 4,730.21 ft	
<b>Yellowstone Basin</b>										
COONEY	28,230	23,127	21,905	28,223	<b>26,896</b>	95	116	8/1/2017	elev.= 4,249.5 ft (26,806 AF)	
COTTONWOOD	1,900	1,260	945	1,853	<b>1,453</b>	76	115	7/26/2017	elev.= 5,100.38 ft	
TONGUE RIVER	79,071	59,427	56,364	76,170	<b>67,237</b>	85	113	8/1/2017	elev.= 3,425.0 ft	

NR - July measurements have not yet 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.