

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

## September 30, 2018

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1987 - 2017 for September	9/30/2017	8/31/2018	9/30/2018	9/30/2018	for September		
<b>Clark Fork Basin</b>									
E.F. ROCK CREEK	16,040	5,550	4,500	4,978	<b>4,252</b>	27	77	10/1/2018	elev.= 6,017.7 ft
NEVADA CREEK	11,207	3,952	3,284	6,325	<b>3,849</b>	34	97	9/28/2018	elev.= 4,591.42 ft
W.F. BITTERROOT	32,362	7,628	8,460	19,931	<b>4,200</b>	13	55	9/26/2018	elev.= 4,654.25 ft
<b>Lower Missouri Basin</b>									
ACKLEY	6,722	3,076	2,837	4,873	<b>4,040</b>	60	131	10/1/2018	elev.= 4,306.45 ft (3,038.5 AF)
BAIR	7,300	2,675	2,113	5,657	<b>5,590</b>	77	209	10/1/2018	elev.= 5,318.2 ft
DEADMAN'S BASIN	75,968	33,924	43,694	63,750	<b>62,816</b>	83	185	10/2/2018	elev.= 3,914.42 ft (59,066 AF)
FRENCHMAN	2,777	1,620	NR	NR	<b>2,777</b>	100	171	10/2/2018	elev = 2,264.6 ft (Estimated)
MARTINSDALE	23,348	8,279	10,536	18,556	<b>16,968</b>	73	205	10/2/2018	elev.= 4,772.11 ft
N.F.K. SMITH RIVER	11,406	4,362	4,272	9,294	<b>8,762</b>	77	201	10/2/2018	elev.= 5,479.47 ft
YELLOWATER	3,842	1,538	1,656	3,138	<b>3,041</b>	79	198	9/28/2018	elev.= 3,116.3 ft
<b>Upper Missouri Basin</b>									
MIDDLE CREEK	10,184	5,657	5,676	6,430	<b>5,535</b>	54	98	10/1/2018	elev.= 6,697.5 ft
NILAN	10,992	5,554	5,706	9,535	<b>8,590</b>	78	155	10/4/2018	elev.= 4,437.63 ft (7,690 AF)
RUBY RIVER	37,612	9,737	9,738	16,591	<b>10,648</b>	28	109	10/1/2018	elev.= 5,354.7 ft
WILLOW CREEK	18,000	7,378	8,272	10,026	<b>7,520</b>	42	102	10/1/2018	elev.= 4,720.05 ft
<b>Yellowstone Basin</b>									
COONEY	28,230	15,379	20,952	21,903	<b>17,806</b>	63	116	10/1/2018	elev.= 4,237.3 ft (17,716 AF)
COTTONWOOD	1,900	692	600	1,240	<b>1,207</b>	64	174	9/24/2018	elev.= 5,099.07 ft
TONGUE RIVER	79,071	42,596	50,205	56,775	<b>49,353</b>	62	116	10/1/2018	elev.= 3,419.2 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.