

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

October 31, 2017

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1986 - 2016 for October	10/31/2016	9/30/2017	10/31/2017	10/31/2017	for October		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	6,075	5,776	4,500	5,448	34	90	10/31/2017	elev.= 6,022.7 ft
NEVADA CREEK	11,207	4,182	2,330	3,284	4,066	36	97	10/27/2017	elev.= 4,592.4 ft
W.F. BITTERROOT	32,362	6,796	7,149	8,460	7,134	22	105	10/15/2017	elev.= 4,666.7 ft
Lower Missouri Basin									
ACKLEY	6,722	2,851	2,390	2,837	2,748	41	96	10/29/2017	elev.= 4,299.5 ft (1,747 AF)
BAIR	7,300	2,950	2,863	2,113	2,178	30	74	10/31/2017	elev.= 5,296.8 ft
DEADMAN'S BASIN	75,968	34,656	36,781	43,694	45,873	60	132	10/31/2017	elev.= 3,905.5 ft (42,123 AF)
FRENCHMAN	2,777	1,734	1,606	1,309	1,377	50	79	10/10/2017	elev.= 2,261.93 ft
MARTINSDALE	23,348	8,513	5,363	10,536	14,133	61	166	10/31/2017	elev.= 4,768.47 ft
N.F.K. SMITH RIVER	11,406	4,710	4,509	4,272	4,629	41	98	10/31/2017	elev.= 5,463.18 ft
YELLOWWATER	3,842	1,537	3,448	1,656	1,554	40	101	10/26/2017	elev.= 3,111.1 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	5,195	5,590	5,676	5,472	54	105	10/31/2017	elev.= 6,697.1 ft
NILAN	10,992	5,397	5,383	5,706	--	--	--	--	Not Reported in October
RUBY RIVER	37,612	12,762	13,272	9,738	14,890	40	117	10/31/2017	elev.= 5,363.5 ft
WILLOW CREEK	18,000	8,253	9,808	8,272	9,807	54	119	10/30/2017	elev.= 4,724.05 ft
Yellowstone Basin									
COONEY	28,230	16,691	18,198	20,952	20,908	74	125	10/31/2017	elev.= 4,241.9 ft (20,818 AF)
COTTONWOOD	1,900	787	560	600	603	32	77	10/16/2017	elev.= 5,094.25 ft
TONGUE RIVER	79,071	43,916	45,093	50,205	48,866	62	111	10/31/2017	elev.= 3,419.0 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 pre aerial survey.