

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

November 30, 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 November	11/30/2016	10/31/2017	11/30/2017	11/30/2017	for November		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	6,855	6,722	5,448	6,379	40	93	12/1/2017	elev.= 6,026.3 ft
NEVADA CREEK	11,207	4,551	2,846	4,066	5,496	49	121	11/30/2017	elev.= 4,598.18 ft
W.F. BITTERROOT	32,362	6,871	7,701	7,134	8,731	27	127	11/30/2017	elev.= 4,672.60 ft
Lower Missouri Basin									
ACKLEY	6,722	2,992	NA	2,778	2,778	41	93	10/29/2017	elev.= 4,299.68 ft (1,777 AF)
BAIR	7,300	3,120	3,062	2,178	2,365	32	76	12/1/2017	elev.= 5,298.4 ft
DEADMAN'S BASIN	75,968	37,368	40,291	45,873	48,488	64	130	12/1/2017	elev.= 3,906.8 ft (44,738 AF)
FRENCHMAN	2,777	1,553	--	1,377	--	--	--	--	Not Reported
MARTINSDALE	23,348	8,603	5,761	--	12,426	53	144	12/6/2017	elev.= 4,766.09 ft
N.F.K. SMITH RIVER	11,406	4,903	4,735	4,629	4,606	40	94	11/16/2017	elev.= 5,463.08 ft
YELLOWWATER	3,842	1,555	2,878	1,554	1,554	40	100	10/26/2017	elev.= 3,111.1 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	5,302	5,482	5,472	5,587	55	105	12/1/2017	elev.= 6,697.8 ft
NILAN	10,992	5,593	5,841	--	7,177	65	128	11/30/2017	elev.= 4,434.36 ft (6,277 AF)
RUBY RIVER	37,612	16,609	18,181	14,890	19,486	52	117	12/1/2017	elev.= 5,371.3 ft
WILLOW CREEK	18,000	8,806	10,133	9,807	10,868	60	123	11/29/2017	elev.= 4,725.90 ft
Yellowstone Basin									
COONEY	28,230	17,415	18,075	20,908	21,618	77	124	12/1/2017	elev.= 4,242.9 ft (21,528 AF)
COTTONWOOD	1,900	816	588	603	665	35	81	12/1/2017	elev.= 5,094.93 ft
TONGUE RIVER	79,071	44,121	49,100	48,866	49,020	62	111	12/1/2017	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.