

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 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 December	12/31/2016	11/30/2017	12/31/2017	12/31/2017	for December		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	7,769	7,599	6,379	7,251	45	93	1/2/2018	elev.= 6,029.4 ft
NEVADA CREEK	11,207	4,841	3,245	5,496	6,164	55	127	12/26/2017	elev.= 4,600.59 ft
W.F. BITTERROOT	32,362	6,784	6,700	8,731	9,053	28	133	12/28/2017	elev.= 4,673.8 ft
Lower Missouri Basin									
ACKLEY	6,722	2,954	3,553	2,778	--	--	--		Not Reported
BAIR	7,300	3,241	3,225	2,365	2,508	34	77	1/2/2018	elev.= 5,299.7 ft
DEADMAN'S BASIN	75,968	39,515	40,745	48,488	51,701	68	131	1/2/2018	elev.= 3,908.6 ft (47,951 AF)
FRENCHMAN	2,777	1,829	1,606	1,309	--	--	--		Not Reported
MARTINSDALE	23,348	8,557	5,665	12,426	--	--	--		Not Reported
N.F.K. SMITH RIVER	11,406	5,135	4,778	4,606	--	--	--		Not Reported
YELLOWWATER	3,842	1,475	2,878	1,554	--	--	--		Not Reported
Upper Missouri Basin									
MIDDLE CREEK	10,184	5,381	5,440	5,587	5,326	52	99	1/2/2018	elev.= 6,696.1 ft
NILAN	10,992	5,923	5,841	7,177	--	--	--		Not Reported
RUBY RIVER	37,612	20,299	22,283	19,486	23,515	63	116	1/2/2018	elev.= 5,377.0 ft
WILLOW CREEK	18,000	10,025	10,226	10,868	10,390	58	104	1/1/2018	elev.= 4725.09 ft
Yellowstone Basin									
COONEY	28,230	17,887	17,972	21,618	21,028	74	118	1/2/2018	elev.= 4,242.1 ft (20,938 AF)
COTTONWOOD	1,900	796	588	665	--	--	--		Not Reported
TONGUE RIVER	79,071	44,476	49,941	49,020	48,220	61	108	1/2/2018	elev.= 3,418.7 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 from 2008 forward.