

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

January 31, 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 January	1/31/2017	12/31/2017	1/31/2018	1/31/2018	for January		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	8,327	8,157	7,251	7,935	49	95	2/1/2018	elev.= 6,031.8 ft
NEVADA CREEK	11,207	5,157	3,619	6,164	6,849	61	133	1/29/2018	elev.= 4,602.93 ft
W.F. BITTERROOT	32,362	6,986	6,031	9,053	9,053	28	130	1/31/2018	elev.= 4,673.8 ft
Lower Missouri Basin									
ACKLEY	6,722	2,893	3,553	--	--	--	--	--	Not Reported
BAIR	7,300	3,378	3,410	2,508	2,626	36	78	2/1/2018	elev.= 5,300.8 ft
DEADMAN'S BASIN	75,968	42,094	45,916	51,701	55,436	73	132	2/1/2018	elev.= 3,910.6 ft (51,686 AF)
FRENCHMAN	2,777	2,000	1,606	--	--	--	--	--	Not Reported
MARTINSDALE	23,348	8,513	5,883	--	--	--	--	--	Not Reported
N.FK. SMITH RIVER	11,406	5,516	4,778	--	--	--	--	--	Not Reported
YELLOWATER	3,842	1,492	2,878	--	--	--	--	--	Not Reported
Upper Missouri Basin									
MIDDLE CREEK	10,184	5,809	5,286	5,326	5,472	54	94	2/1/2018	elev.= 6,697.1 ft
NILAN	10,992	6,105	5,841	--	--	--	--	--	Not Reported
RUBY RIVER	37,612	24,558	25,330	23,515	27,180	72	111	2/1/2018	elev.= 5,381.6 ft
WILLOW CREEK	18,000	11,575	10,226	10,390	11,498	64	99	1/28/2018	elev.= 4727.0 ft
Yellowstone Basin									
COONEY	28,230	18,466	18,820	21,028	20,902	74	113	2/1/2018	elev.= 4,241.9 ft (20,812 AF)
COTTONWOOD	1,900	792	588	--	807	42	102	1/31/2018	elev.= 5,096.3 ft
TONGUE RIVER	79,071	45,531	50,249	48,220	48,882	62	107	2/1/2018	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 from 2008 forward.