

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

March 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 March	3/31/2017	2/28/2018	3/31/2018	3/31/2018	for March		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	9,420	9,019	8,521	9,149	57	97	4/2/2018	elev.= 6,035.8 ft
NEVADA CREEK	11,207	7,879	9,781	7,971	8,577	77	109	3/31/2018	elev.= 4,608.43 ft
W.F. BITTERROOT	32,362	10,749	15,414	10,654	10,369	32	96	4/2/2018	elev.= 4,678.1 ft
Lower Missouri Basin									
ACKLEY	6,722	3,077	3,636	2,778	2,880	43	94	3/28/2018	elev.= 4,300.7 ft (1,879 AF)
BAIR	7,300	4,024	4,403	2,735	2,911	40	72	4/2/2018	elev.= 5,302.9 ft
DEADMAN'S BASIN	75,968	49,052	56,788	59,969	66,003	87	135	4/2/2018	elev.= 3,916 ft (62,253 AF)
FRENCHMAN	2,777	2,312	1,606	--	--	--	--	--	not measured
MARTINSDALE	23,348	9,081	10,921	--	16,192	69	178	3/29/2018	elev.= 4,771.17 ft
N.F.K. SMITH RIVER	11,406	6,623	6,431	--	4,750	42	72	3/29/2018	elev.= 5,463.71 ft
YELLOWWATER	3,842	1,598	3,089	1,554	2,976	77	186	3/27/2018	elev.= 3,116.1 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	6,041	5,723	5,517	5,527	54	91	4/2/2018	elev.= 6,697.4 ft
NILAN	10,992	7,467	5,841	--	8,996	82	120	3/23/2018	elev.= 4,438.52 ft (8,096 AF)
RUBY RIVER	37,612	31,803	34,175	29,982	32,932	88	104	4/2/2018	elev.= 5,388.1 ft
WILLOW CREEK	18,000	16,054	15,992	12,399	12,893	72	80	3/21/2018	elev.= 4,729.43 ft
Yellowstone Basin									
COONEY	28,230	21,088	23,990	20,600	22,089	78	105	4/2/2018	elev.= 4,243.5 ft (21,999 AF)
COTTONWOOD	1,900	1,121	1,349	1,175	2,040	107	182	3/29/2018	elev.= 5,103.2 ft
TONGUE RIVER	79,071	51,729	64,654	49,491	62,447	79	121	4/2/2018	elev.= 3,423.6 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.