

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 28, 2018

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY			%AVERAGE
		Contents	1987 - 2017 for February	2/28/2017	1/31/2018	2/28/2018	2/28/2018			for February
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,110	8,660	7,935	8,521	53	94	2/28/2018	elev.= 6,033.7 ft	
NEVADA CREEK	11,207	5,562	4,736	6,849	7,971	71	143	2/28/2018	elev.= 4,606.56 ft	
W.F. BITTERROOT	32,362	7,289	7,639	9,053	10,654	33	146	2/28/2018	elev.= 4679.0 ft	
Lower Missouri Basin										
ACKLEY	6,722	2,898	3,511	2,778	2,778	41	96	--	elev.= 4,299.68 ft; Storage and elevation values are estimated.	
BAIR	7,300	3,519	3,750	2,626	2,735	37	78	2/28/2018	elev.= 5,301.6 ft	
DEADMAN'S BASIN	75,968	45,013	49,842	55,436	59,969	79	133	2/28/2018	elev.= 3,913.0 ft (56,219 AF)	
FRENCHMAN	2,777	2,080	1,606	--	--	--	--	--	Not Reported	
MARTINSDALE	23,348	8,562	7,071	--	--	--	--	--	Not Reported	
N.F.K. SMITH RIVER	11,406	5,827	5,435	--	--	--	--	--	Not Reported	
YELLOWWATER	3,842	1,642	2,976	1,554	1,554	40	95	--	elev.= 3,111.1 ft; Storage and elevation values are estimated.	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,890	5,296	5,472	5,517	54	94	2/28/2018	elev.= 6,697.4 ft	
NILAN	10,992	6,926	5,841	8,564	--	--	--	--	Not Reported	
RUBY RIVER	37,612	27,569	28,747	27,180	29,982	80	109	2/28/2018	elev.= 5,384.8 ft	
WILLOW CREEK	18,000	14,387	13,810	11,498	12,399	69	86	3/1/2018	elev.= 4,728.57 ft	
Yellowstone Basin										
COONEY	28,230	19,106	22,430	20,902	20,600	73	108	2/28/2018	elev.= 4,241.5 ft (20,510 AF)	
COTTONWOOD	1,900	855	1,349	807	1,175	62	137	3/2/2018	elev.= 5,098.89 ft	
TONGUE RIVER	79,071	47,707	60,323	48,882	49,491	63	104	2/28/2018	elev.= 3,419.2 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.