

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

May 31, 2017

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	1986 - 2016 for May	5/31/2016	4/30/2017	5/31/2017	5/31/2017			for May
Clark Fork Basin										
E.F. ROCK CREEK	16,040	10,760	13,627	9,667	12,378	77	115	5/30/2017	elev.= 6045.65 ft	
NEVADA CREEK	11,207	10,591	9,965	11,325	11,392	102	108	5/30/2017	elev.= 4,616.50 ft	
W.F. BITTERROOT	32,362	32,632	32,362	23,637	33,799	104	104	5/31/2017	elev.= 4,727.57 ft	
Lower Missouri Basin										
ACKLEY	6,722	4,890	6,472	3,636	6,467	96	132	6/5/2017	elev.= 4,316.98 ft (5,466 AF)	
BAIR	7,300	5,223	6,519	4,819	5,648	77	108	5/31/2017	elev.= 5,318.4 ft	
DEADMAN'S BASIN	75,968	50,418	67,010	60,550	70,362	93	140	5/31/2017	elev.= 3,918.23 ft (66,612 AF)	
FRENCHMAN	2,777	2,696	2,777	2,850	2,916	105	108	5/12/2017	elev.= 2,264.77 ft	
MARTINSDALE	23,348	15,419	19,529	15,115	22,947	98	149	5/23/2017	elev.= 4,778.83 ft	
N.F.K. SMITH RIVER	11,406	9,936	11,418	7,149	10,265	90	103	5/31/2017	elev.= 5,484.43 ft	
YELLOWWATER	3,842	1,741	3,431	3,057	2,781	72	160	6/6/2017	elev.= 3,115.5 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	9,026	10,170	6,557	10,288	101	114	5/31/2017	elev.= 6,721.4 ft	
NILAN	10,992	8,882	7,848	10,374	11,057	101	124	5/30/2017	elev.= 4,442.61 ft (10,157 AF)	
RUBY RIVER	37,612	36,677	38,352	38,047	38,454	102	105	5/31/2017	elev.= 5,393.8 ft	
WILLOW CREEK	18,000	16,722	18,111	16,874	16,725	93	100	5/31/2017	elev.= 4,734.34 ft	
Yellowstone Basin										
COONEY	28,230	24,540	27,790	25,989	28,230	100	115	5/31/2017	elev.= 4,251.0 ft (28,140 AF)	
COTTONWOOD	1,900	1,625	1,980	1,974	1,981	104	122	5/30/2017	elev.= 5,102.80 ft	
TONGUE RIVER	79,071	72,655	80,727	67,220	81,188	103	112	5/31/2017	elev.= 3,429.0 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.