

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

May 31, 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 May	5/31/2017	4/30/2018	5/31/2018	5/31/2018			for May
Clark Fork Basin										
E.F. ROCK CREEK	16,040	10,813	12,378	9,800	16,145	101	149	6/1/2018	elev.= 6,055.8 ft	
NEVADA CREEK	11,207	10,556	11,392	11,857	11,518	103	109	5/31/2018	elev.= 4,616.84 ft	
W.F. BITTERROOT	32,362	32,683	33,799	18,828	34,097	105	104	5/28/2018	elev.= 4,728 ft	
Lower Missouri Basin										
ACKLEY	6,722	4,946	6,467	3,325	5,973	89	121	5/30/2018	elev.= 4,315 ft (4,972 AF)	
BAIR	7,300	5,224	5,648	5,110	7,304	100	140	6/1/2018	elev.= 5,325 ft	
DEADMAN'S BASIN	75,968	52,161	70,362	70,218	75,940	100	146	6/1/2018	elev.= 3,921.0 ft (72,190 AF)	
FRENCHMAN	2,777	2,718	2,916	4,316	4,279	154	157	5/15/2018	elev.= 2,265.39 ft	
MARTINSDALE	23,348	15,467	22,947	23,131	23,131	99	150	5/31/2018	elev.= 4,779.02 ft	
N.F.K. SMITH RIVER	11,406	9,968	10,265	9,923	11,812	104	119	5/31/2018	elev.= 5,489.16 ft	
YELLOWWATER	3,842	1,779	2,781	3,915	3,915	102	220	5/30/2018	elev.= 3,118.8 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	9,373	10,288	6,662	10,339	102	110	6/1/2018	elev.= 6,721.6 ft	
NILAN	10,992	8,917	11,057	10,980	11,545	105	129	5/30/2018	elev.= 4,443.43 ft (10,645 AF)	
RUBY RIVER	37,612	36,580	38,454	38,163	38,463	102	105	6/1/2018	elev.= 5,393.8 ft	
WILLOW CREEK	18,000	16,690	16,725	12,399	15,466	86	93	6/1/2018	elev.= 4,732.82 ft	
Yellowstone Basin										
COONEY	28,230	24,641	28,230	22,930	28,292	100	115	6/1/2018	elev.= 4,251.1 ft (28,202 AF)	
COTTONWOOD	1,900	1,645	1,981	2,134	1,910	101	116	6/1/2018	elev.= 5,102.52 ft	
TONGUE RIVER	79,071	73,129	81,188	62,200	83,260	105	114	6/1/2018	elev.= 3,429.5 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.