

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

July 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 July	7/31/2017	6/30/2018	7/31/2018	7/31/2018	for July		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	9,056	10,288	15,828	11,802	74	130	7/31/2018	elev.= 6,044.0 ft
NEVADA CREEK	11,207	8,504	9,955	11,273	10,770	96	127	7/30/2018	elev.= 4614.8 ft
W.F. BITTERROOT	32,362	29,582	30,932	33,334	30,785	95	104	7/30/2018	elev.= 4,722.89 ft
Lower Missouri Basin									
ACKLEY	6,722	4,363	4,470	6,625	6,023	90	138	7/31/2018	elev.= 4,315.2 ft (5,022 AF)
BAIR	7,300	4,235	3,960	7,280	6,897	94	163	7/31/2018	elev.= 5,323.5 ft
DEADMAN'S BASIN	75,968	43,724	56,895	75,968	72,902	96	167	7/31/2018	elev.= 3,919.5 ft (69,152 AF)
FRENCHMAN	2,777	2,140	NR	3,741	1,404	51	66	7/19/2018	elev.= 2,262.0 ft
MARTINSDALE	23,348	12,943	17,513	23,584	22,177	95	171	7/31/2018	elev.= 4,778.01 ft
N.F.K. SMITH RIVER	11,406	7,590	7,455	11,685	10,618	93	140	7/31/2018	elev.= 5,485.54 ft
YELLOWWATER	3,842	1,699	1,911	3,915	3,366	88	198	7/30/2018	elev.= 3,117.3 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	8,597	8,043	10,259	9,131	90	106	7/31/2018	elev.= 6,716.7 ft
NILAN	10,992	7,742	9,692	11,688	10,711	97	138	7/30/2018	elev.= 4,442.04 ft (9,811 AF)
RUBY RIVER	37,612	25,541	24,055	38,164	30,209	80	118	7/31/2018	elev.= 5,385.1 ft
WILLOW CREEK	18,000	13,389	13,411	16,884	12,824	71	96	7/27/2018	elev.= 4,729.31 ft
Yellowstone Basin									
COONEY	28,230	23,275	26,896	28,181	27,287	97	117	7/31/2018	elev.= 4,249.9 ft (27,197 AF)
COTTONWOOD	1,900	1,271	1,453	1,910	1,886	99	148	7/30/2018	elev.= 5,102.42 ft
TONGUE RIVER	79,071	59,861	67,237	79,677	71,084	90	119	7/31/2018	elev.= 3,426.1 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.