

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

July 31, 2019

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1988- 2018	7/31/2018	6/30/2019	7/31/2019	7/31/2019	for July		
	Contents								
		for July							
Clark Fork Basin									
E.F. ROCK CREEK	16,040	9,396	11,802	14,990	11,948	74	272	8/1/2019	elev.= 6,044.4 ft
NEVADA CREEK	11,207	8,734	10,770	9,298	8,518	76	98	7/31/2019	elev.= 4,608.25 ft
W.F. BITTERROOT	32,362	29,943	30,785	32,709	32,301	100	108	7/22/2019	elev.= 4,725.3 ft
Lower Missouri Basin									
ACKLEY	6,722	4,386	6,023	6,567	5,707	85	130	8/1/2019	elev.= 4,313.93 ft (4,706 AF)
BAIR	7,300	4,385	6,897	7,290	7,168	98	163	8/1/2019	elev.= 5,324.5 ft
DEADMAN'S BASIN	75,968	44,848	72,902	75,364	74,308	98	166	8/1/2019	elev.= 3,920.2 ft (70,558 AF)
FRENCHMAN	2,777	2,066	1,404	--	3,752	135	182	7/15/2019	elev.= 2,264.6 ft
MARTINSDALE	23,348	13,468	22,177	23,254	22,829	98	170	7/31/2019	elev.= 4,778.7 ft
N.F.K. SMITH RIVER	11,406	7,809	10,618	11,528	11,396	100	146	7/31/2019	elev.= 5,487.9 ft
YELLOWWATER	3,842	1,799	3,366	3,794	3,463	90	193	7/29/2019	elev.= 3,117.6 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	8,618	9,131	10,280	9,568	94	111	8/1/2019	elev.= 6,718.5 ft
NILAN	10,992	7,775	10,711	10,571	10,571	96	136	7/31/2019	elev.= 4,441.77 ft (9,671 AF)
RUBY RIVER	37,612	25,883	30,209	37,217	33,142	88	128	8/1/2019	elev.= 5,388.3 ft
WILLOW CREEK	18,000	13,357	12,824	14,101	13,778	77	103	7/31/2019	elev.= 4,730.69 ft
Yellowstone Basin									
COONEY	28,230	23,372	27,287	28,044	26,026	92	111	8/1/2019	elev.= 4,248.5 ft (25,936 AF)
COTTONWOOD	1,900	1,306	1,886	1,945	2,001	105	153	8/1/2019	elev.= 5,102.88 ft
TONGUE RIVER	79,071	60,452	71,084	81,028	72,925	92	121	8/1/2019	elev.= 3,426.7 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.