

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

July 31, 2020

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY	%AVERAGE		
		1989- 2019 for July	7/31/2019	6/30/2020	7/31/2020	7/31/2020	for July		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	9,761	11,948	16,324	13,740	86	141	7/31/2020	elev.= 6,049.5 ft
NEVADA CREEK	11,207	8,968	8,518	11,159	11,017	98	123	7/29/2020	elev.= 4,615.48 ft
W.F. BITTERROOT	32,362	29,612	32,301	33,264	32,362	100	109	7/30/2020	elev.= 4,725.25 ft
Lower Missouri Basin									
ACKLEY	6,722	4,447	5,707	6,551	5,455	81	123	7/30/2020	elev.= 4,312.9 ft (4,454 AF)
BAIR	7,300	4,475	7,168	7,198	6,245	86	140	7/31/2020	elev.= 5,321.0 ft
DEADMAN'S BASIN	75,968	46,929	74,308	74,404	66,984	88	143	7/31/2020	elev.= 3,916.5 ft (63,234 AF)
FRENCHMAN	2,777	2,220	3,752	2,777	1,910	69	86	8/3/2020	elev.= 2,263 ft
MARTINSDALE	23,348	14,193	22,829	22,885	21,073	90	148	7/30/2020	elev.= 4,776.84 ft
N.F.K. SMITH RIVER	11,406	8,164	11,396	11,558	11,396	100	140	7/30/2020	elev.= 5,487.89 ft
YELLOWATER	3,842	1,860	3,463	3,814	3,561	93	191	8/4/2020	elev.= 3,117.90 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	8,653	9,568	10,269	9,410	92	109	7/31/2020	elev.= 6,717.8 ft
NILAN	10,992	8,028	10,571	9,790	8,043	73	100	8/3/2020	elev.= 4,436.41 ft (7,143 AF)
RUBY RIVER	37,612	26,422	33,142	38,255	31,727	84	120	7/31/2020	elev.= 5,386.8 ft
WILLOW CREEK	18,000	13,564	13,778	13,013	11,215	62	83	7/30/2020	elev.= 4,726.51 ft
Yellowstone Basin									
GOONEY	28,230	23,635	26,026	27,883	24,921	88	105	7/31/2020	elev.= 4,247.2 ft (24,831 AF)
COTTONWOOD	1,900	1,342	2,001	1,974	1,670	88	124	7/29/2020	elev.= 5,101.46 ft
TONGUE RIVER	79,071	61,075	72,925	77,850	62,863	80	103	7/31/2020	elev.= 3,423.7 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.