

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

June 30, 2021

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	1990- 2020 for June	6/30/2020	5/31/2021	6/30/2021	6/30/2021			for June
Clark Fork Basin										
E.F. ROCK CREEK	16,040	13,174	16,324	11,170	10,797	67	82	6/30/2021	elev.= 6,041.0 ft	
NEVADA CREEK	11,207	10,108	11,159	11,462	10,402	93	103	6/29/2021	elev.= 4,613.77 ft	
W.F. BITTERROOT	32,362	32,366	33,264	33,070	32,640	101	101	6/30/2021	elev.= 4,725.87 ft	
Lower Missouri Basin										
ACKLEY	6,722	5,527	6,551	5,341	5,298	79	96	6/30/2021	elev.= 4,314.82 ft (4,297.0 AF)	
BAIR	7,300	5,370	7,198	5,286	4,125	57	77	6/30/2021	elev.= 5,310.8 ft	
DEADMAN'S BASIN	75,968	57,144	74,404	65,445	50,875	67	89	6/30/2021	elev.= 3,908.1 ft (47,125 AF)	
FRENCHMAN	2,777	2,540	2,777	2,777	2,011	72	79	6/28/2021	elev.= 2,263.2 ft	
MARTINSDALE	23,348	17,384	22,885	20,969	15,839	68	91	6/30/2021	elev.= 4,770.74 ft	
N.F.K. SMITH RIVER	11,406	10,045	11,558	11,558	9,092	80	91	6/30/2021	elev.= 5,480.59 ft	
YELLOWATER	3,842	2,119	3,814	2,580	2,166	56	102	6/29/2021	elev = 3,113.5 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	10,060	10,269	9,583	10,051	99	100	6/30/2021	elev.= 6,720.5 ft	
NILAN	10,992	9,415	9,790	4,149	8,078	73	86	6/30/2021	elev.= 4,436.5 ft (7,178 AF)	
RUBY RIVER	37,612	35,123	38,255	35,693	27,995	74	80	6/30/2021	elev.= 5,382.5 ft	
WILLOW CREEK	18,000	16,309	13,013	12,537	9,492	53	58	6/30/2021	elev.= 4,723.5 ft	
Yellowstone Basin										
GOONEY	28,230	25,585	27,883	27,585	26,348	93	103	6/30/2021	elev.= 4,248.8 ft (26,258 AF)	
COTTONWOOD	1,900	1,685	1,974	2,055	1,268	67	75	6/30/2021	elev.= 5,099.4 ft	
TONGUE RIVER	79,071	73,990	77,850	78,056	78,692	100	106	6/30/2021	elev.= 3,428.3ft	

* 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.