

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

June 30, 2020

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	1989- 2019 for June	6/30/2019	5/31/2020	6/30/2020	6/30/2020			for June
Clark Fork Basin										
E.F. ROCK CREEK	16,040	12,837	14,990	13,853	16,324	102	127	6/30/2020	elev. = 6,056.3 ft	
NEVADA CREEK	11,207	10,076	9,298	11,399	11,159	100	111	6/29/2020	elev. = 4615.87 ft	
W.F. BITTERROOT	32,362	32,314	32,709	34,028	33,264	103	103	7/1/2020	elev. = 4,726.8 ft	
Lower Missouri Basin										
ACKLEY	6,722	5,515	6,567	5,341	6,551	97	119	6/30/2020	elev. = 4,317.55 ft (5,550 AF)	
BAIR	7,300	5,272	7,290	7,302	7,198	99	137	6/30/2020	elev. = 5,324.7 ft	
DEADMAN'S BASIN	75,968	55,719	75,364	75,976	74,404	98	134	6/30/2020	elev. = 3,920.2 ft (70,654 AF)	
FRENCHMAN	2,777	2,518	--	2,777	2,777	100	110	7/1/2020	elev. = 2,265.17 ft	
MARTINSDALE	23,348	17,132	23,254	23,254	22,885	98	134	7/1/2020	elev. = 4,778.76 ft	
N.FK. SMITH RIVER	11,406	9,886	11,528	11,558	11,558	101	117	6/30/2020	elev. = 5,488.39 ft	
YELLOWWATER	3,842	2,010	3,794	3,935	3,814	99	190	6/29/2020	elev. = 3,118.55 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	10,053	10,280	10,368	10,269	101	102	6/30/2020	elev. = 6,721.3 ft	
NILAN	10,992	9,401	10,571	9,854	9,790	89	104	6/30/2020	elev. = 4,440.23 ft (8,890 AF)	
RUBY RIVER	37,612	34,773	37,217	38,279	38,255	102	110	6/30/2020	elev. = 5,393.6 ft	
WILLOW CREEK	18,000	16,413	14,101	12,652	13,013	72	79	6/29/2020	elev. = 4,729.65 ft	
Yellowstone Basin										
COONEY	28,230	25,469	28,044	28,129	27,883	99	109	6/30/2020	elev. = 4,250.6 ft (27,793 AF)	
COTTONWOOD	1,900	1,668	1,945	2,008	1,974	104	118	7/6/2020	elev. = 5,102.78 ft	
TONGUE RIVER	79,071	73,797	81,028	80,743	77,850	98	105	6/30/2020	elev. = 3,428.1 ft	

* Note: Reservoir contents include dead storage at the following:

Ackley	1001 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	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.