

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 29, 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 February	2/28/2019	1/31/2020	2/29/2020	2/29/2020			for February
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,055	8,268	9,035	9,533	59	105	3/1/2020	elev. = 6,037.0 ft	
NEVADA CREEK	11,207	5,961	7,668	6,366	6,885	61	115	2/28/2020	elev. = 4,603.05 ft	
W.F. BITTERROOT	32,362	7,409	--	8,270	6,538	20	88	2/27/2020	elev. = 4,664.26 ft	
Lower Missouri Basin										
ACKLEY	6,722	2,893	--	4,296	4,296	64	149	2/28/2020	elev. = 4,307.69 ft (3,295 AF)	
BAIR	7,300	3,481	4,767	5,372	5,471	75	157	3/5/2020	elev. = 5,317.66 ft	
DEADMAN'S BASIN	75,968	45,882	66,455	66,045	66,093	87	144	3/1/2020	elev. = 3,916.1 ft (62,343 AF)	
FRENCHMAN	2,777	2,080	--	NR	NR	--	--	--	Not reported	
MARTINSDALE	23,348	8,635	--	16,635	15,802	68	183	3/5/2020	elev. = 4,770.7 ft	
N.F.K. SMITH RIVER	11,406	5,864	--	8,051	8,261	72	141	2/29/2020	elev. = 5,477.7 ft	
YELLOWWATER	3,842	1,637	--	2,976	2,976	77	182	3/2/2020	elev. = 3,116.1 ft (estimated)	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,857	5,382	5,419	5,383	53	92	3/1/2020	elev. = 6,696.5 ft	
NILAN	10,992	6,743	--	7,722	NR	--	--	--	Not reported	
RUBY RIVER	37,612	27,520	27,251	25,421	28,473	76	103	3/1/2020	elev. = 5,383.1 ft	
WILLOW CREEK	18,000	14,136	11,222	10,018	10,614	59	75	3/4/2020	elev. = 4,725.46 ft	
Yellowstone Basin										
COONEY	28,230	19,183	19,635	18,113	18,850	67	98	3/1/2020	elev. = 4,238.9 ft (18,760 AF)	
COTTONWOOD	1,900	875	--	1,020	NR	--	--	--	Not reported	
TONGUE RIVER	79,071	47,999	51,753	47,489	48,749	62	102	3/1/2020	elev. = 3,418.9 ft	

NR - Not Reported

* 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.