

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

January 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 January	1/31/2019	12/31/2019	1/31/2020	1/31/2020	for January		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	8,281	7,675	8,475	9,035	56	109	1/31/2020	elev. = 6,035.4 ft
NEVADA CREEK	11,207	5,529	7,056	5,865	6,366	57	115	1/28/2020	elev. = 4,601.29 ft
W.F. BITTERROOT	32,362	7,034	6,269	8,907	8,270	26	118	1/29/2020	elev. = 4,670.9 ft
Lower Missouri Basin									
ACKLEY	6,722	2,888	--	4,296	4,296	64	149	1/30/2020	elev. = 4,307.69 ft (3,295 AF)
BAIR	7,300	3,346	4,756	5,214	5,372	74	161	1/31/2020	elev. = 5,317.2 ft
DEADMAN'S BASIN	75,968	43,028	65,703	65,952	66,045	87	153	1/31/2020	elev. = 3,916.1 ft (62,295 AF)
FRENCHMAN	2,777	2,000	--	NR	NR	--	--	--	Not reported
MARTINSDALE	23,348	8,845	16,126	NR	16,635	71	188	1/31/2020	elev. = 4,771.71 ft
N.F.K. SMITH RIVER	11,406	5,657	7,717	7,876	8,051	71	142	1/29/2020	elev. = 5,476.96 ft
YELLOWWATER	3,842	1,496	--	2,943	2,976	77	199	1/30/2020	elev. = 3,116.10 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	5,778	5,343	5,444	5,419	53	94	1/31/2020	elev. = 6,696.7 ft
NILAN	10,992	6,125	--	NR	7,722	70	126	1/30/2020	elev. = 4,435.66 ft (6,822 AF)
RUBY RIVER	37,612	24,607	24,844	22,545	25,421	68	103	1/31/2020	elev. = 5,379.5 ft
WILLOW CREEK	18,000	11,352	10,384	9,660	10,018	56	88	1/25/2020	elev. = 4,724.42 ft
Yellowstone Basin									
COONEY	28,230	18,605	18,755	18,146	18,113	64	97	1/31/2020	elev. = 4,237.8 ft (18,023 AF)
COTTONWOOD	1,900	793	--	1,081	1,020	54	129	2/4/2020	elev. = 5,098.0 ft - estimated; drifted snow at measurement point.
TONGUE RIVER	79,071	45,973	50,569	47,986	47,489	60	103	1/31/2020	elev. = 3,418.5 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.