

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

November 30, 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 November	11/30/2019	10/31/2020	11/30/2020	11/30/2020	for November		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	6,852	7,839	7,114	7,939	49	116	12/3/2020	elev. = 6,031.8 ft
NEVADA CREEK	11,207	4,915	5,201	4,320	5,856	52	119	11/30/2020	elev. = 4,599.5 ft
W.F. BITTERROOT	32,362	7,057	9,348	8,222	7,701	24	109	11/30/2020	elev. = 4,670.72 ft
Lower Missouri Basin									
ACKLEY	6,722	3,021	4,339	3,346	3,276	49	108	11/25/2020	elev. = ft (2,275 AF)
BAIR	7,300	3,241	5,035	3,733	3,920	54	121	11/30/2020	elev. = 5,309.6 ft
DEADMAN'S BASIN	75,968	40,258	65,914	51,881	57,492	76	143	11/30/2020	elev. = 3,911.7 ft (53,742 AF)
FRENCHMAN	2,777	1,522	NR	1,347	1,271	46	84	12/1/2020	elev. = 2,261.65 ft
MARTINSDALE	23,348	9,672	16,959	12,268	13,193	57	136	12/10/2020	elev. = 4,767.16 ft; Martinsdale October data has been updated.
N.F.K. SMITH RIVER	11,406	5,258	7,652	6,383	6,995	61	133	12/4/2020	elev. = 5,473.07 ft
YELLOWWATER	3,842	1,616	NR	3,187	2,969	77	184	12/3/2020	elev. = 3,116.08 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	5,646	5,410	5,413	5,360	53	95	12/3/2020	elev. = 6,696.3 ft
NILAN	10,992	5,650	5,772	900	--	--	--	--	Reservoir is empty except for dead storage.
RUBY RIVER	37,612	17,081	19,639	14,085	17,756	47	104	11/30/2020	elev. = 5,368.5 ft
WILLOW CREEK	18,000	9,172	9,186	6,294	7,114	40	78	11/19/2020	elev. = 4,719.25 ft
Yellowstone Basin									
COONEY	28,230	17,581	17,873	18,282	17,844	63	101	11/30/2020	elev. = 4,237.4 ft (17,754 AF)
COTTONWOOD	1,900	879	1,353	849	728	38	83	12/7/2020	elev. = 5,095.55 ft
TONGUE RIVER	79,071	44,857	48,793	37,984	38,869	49	87	12/3/2020	elev. = 3,415.0 ft

*Note:

* 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.