

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

October 31, 2019

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		
		1988- 2018 for October	10/31/2018	9/30/2019	10/31/2019	10/31/2019	for October		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	6,012	5,383	5,836	6,989	44	116	10/31/2019	elev. = 6,028.5 ft
NEVADA CREEK	11,207	4,325	5,025	3,183	4,135	37	96	10/31/2019	elev. = 4,592.71 ft
W.F. BITTERROOT	32,362	6,787	8,170	7,266	8,677	27	128	10/28/2019	elev. = 4,672.4 ft
Lower Missouri Basin									
ACKLEY	6,722	2,833	4,296	4,461	4,296	64	152	11/5/2019	elev. = 4,307.69 ft (3,295 AF)
BAIR	7,300	2,960	5,829	4,719	4,720	65	159	10/31/2019	elev. = 5,314.0 ft
DEADMAN'S BASIN	75,968	35,767	60,876	57,504	67,085	88	188	10/31/2019	elev. = 3,916.6 ft (63,335 AF)
FRENCHMAN	2,777	1,698	NR	NR	2,663	96	157	10/24/2019	elev. = 2,264.41 ft
MARTINSDALE	23,348	8,896	16,668	18,925	NR	--	--	--	Not reported
N.F.K. SMITH RIVER	11,406	4,755	8,020	7,408	7,213	63	152	11/6/2019	elev. = 5,473.91 ft
YELLOWWATER	3,842	1,538	NR	3,447	3,106	81	202	11/4/2019	elev. = 3,116.5 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	5,548	5,508	5,519	5,358	53	97	10/31/2019	elev. = 6,696.3 ft
NILAN	10,992	5,372	8,492	6,987	5,314	48	99	11/7/2019	elev. = 4,429.04 ft (4,414 AF)
RUBY RIVER	37,612	13,033	16,168	13,271	16,885	45	130	10/31/2019	elev. = 5,367.0 ft
WILLOW CREEK	18,000	8,430	7,739	7,807	6,897	38	82	11/7/2019	elev. = 4,718.32 ft
Yellowstone Basin									
COONEY	28,230	16,828	17,966	19,592	17,509	62	104	10/31/2019	elev. = 4,236.9 ft (17,419 AF)
COTTONWOOD	1,900	808	1,357	1,120	NR	--	--	--	Not reported
TONGUE RIVER	79,071	44,475	49,595	48,476	46,947	59	106	10/31/2019	elev. = 3,418.3 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.