

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 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 December	12/31/2018	11/30/2019	12/31/2019	12/31/2019	for December		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	7,715	7,038	7,839	8,475	53	110	12/31/2019	elev. = 6,033.6 ft
NEVADA CREEK	11,207	5,124	6,480	5,201	5,865	52	114	12/31/2019	elev. = 4,599.53 ft
W.F. BITTERROOT	32,362	6,875	7,158	9,348	8,907	28	130	12/27/2019	elev. = 4,673.25 ft
Lower Missouri Basin									
ACKLEY	6,722	3,006	4,331	4,339	4,296	64	143	1/6/2020	elev. = 4,307.69 ft (3,295 AF)
BAIR	7,300	3,206	4,775	5,035	5,214	71	163	12/31/2019	elev. = 5,316.5 ft
DEADMAN'S BASIN	75,968	40,449	62,712	65,914	65,952	87	163	12/31/2019	elev. = 3,916.0 ft (62,202 AF)
FRENCHMAN	2,777	1,829	--	NR	NR	--	--	--	not reported
MARTINSDALE	23,348	8,921	16,922	16,959	NR	--	--	--	not reported
N.F.K. SMITH RIVER	11,406	5,293	8,422	7,652	7,876	69	149	12/30/2019	elev. = 5,476.34 ft
YELLOWWATER	3,842	1,537	2,835	NR	2,943	77	191	12/25/2019	elev. = 3,116.0 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	5,776	5,368	5,410	5,444	53	94	12/31/2019	elev. = 6,696.9 ft
NILAN	10,992	5,668	--	5,772	NR	--	--	--	not reported
RUBY RIVER	37,612	20,428	22,224	19,639	22,545	60	110	12/31/2019	elev. = 5,375.7 ft
WILLOW CREEK	18,000	9,912	9,241	9,186	9,660	54	97	12/27/2019	elev. = 4,723.79 ft
Yellowstone Basin									
COONEY	28,230	18,021	17,979	17,873	18,146	64	101	12/31/2019	elev. = 4,237.9 ft (18,056 AF)
COTTONWOOD	1,900	796	--	1,353	1,081	57	136	1/7/2020	elev. = 5,098.35 ft
TONGUE RIVER	79,071	44,909	48,952	48,793	47,986	61	107	12/31/2019	elev. = 3,418.6 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.