

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 28, 2022

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	1991- 2021 for February	2/28/2021	1/31/2022	2/28/2022	2/28/2022			for February
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,084	9,392	7,985	8,448	53	93	2/28/2022	elev.= 6,033.5 ft	
NEVADA CREEK	11,207	6,164	7,583	5,076	5,253	47	85	3/1/2022	elev.= 4,597.27 ft	
W.F. BITTERROOT	32,362	7,031	5,773	9,581	9,613	30	137	2/24/2022	elev.= 4,675.8 ft	
Lower Missouri Basin										
ACKLEY	6,722	2,963	3,251	2,639	2,583	38	87	3/4/2022	elev.= 4,298.5 ft (1,582 AF)	
BAIR	7,300	3,634	4,246	2,547	2,599	36	72	2/28/2022	elev.= 5,300.5 ft	
DEADMAN'S BASIN	75,968	48,541	64,588	34,057	38,111	50	79	2/28/2022	elev.= 3,900.74 ft (34,361 AF)	
FRENCHMAN	2,777	2,033	1,657	1,758	NR	--	--	--	Not Reported	
MARTINSDALE	23,348	9,369	15,138	8,928	9,027	39	96	3/1/2022	elev.= 4,760.76 ft	
N.F.K. SMITH RIVER	11,406	6,244	7,935	4,215	4,702	41	75	3/1/2022	elev.= 5,463.5 ft	
YELLOWATER	3,842	1,831	2,917	--	1,528	40	83	3/1/2022	elev.= 3,111.0 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,824	5,370	5,342	5,336	52	92	2/25/2022	elev.= 6,696.2 ft	
NILAN	10,992	6,564	2,248	4,640	4,863	44	74	2/28/2022	elev.= 4,427.5 ft (3,963 AF)	
RUBY RIVER	37,612	27,705	27,639	22,683	25,627	68	92	2/28/2022	elev.= 5,379.7 ft	
WILLOW CREEK	18,000	14,041	11,188	10,121	11,211	62	80	2/28/2022	elev.= 4,726.5 ft	
Yellowstone Basin										
GOONEY	28,230	19,083	19,296	20,429	21,309	75	112	2/28/2022	elev.= 4,242.5 ft (21,219 AF)	
COTTONWOOD	1,900	894	1,202	194	215	11	24	3/1/2022	elev.= 5,088.56 ft	
TONGUE RIVER	79,071	47,852	44,015	44,411	46,760	59	98	2/28/2022	elev.= 3,418.2 ft	

* 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.