

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

January 31, 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 January	1/31/2021	12/31/2021	1/31/2022	1/31/2022			for January
Clark Fork Basin										
E.F. ROCK CREEK	16,040	8,339	8,981	7,406	7,985	50	96	1/31/2022	elev.= 6,031.9 ft	
NEVADA CREEK	11,207	5,736	6,960	4,595	5,076	45	88	1/31/2022	elev.= 4,596.58 ft	
W.F. BITTERROOT	32,362	7,031	5,683	9,272	9,581	30	136	1/26/2022	elev.= 4,675.7 ft	
Lower Missouri Basin										
ACKLEY	6,722	2,965	3,346	2,613	2,639	39	89	2/1/2022	elev.= 4,298.84 ft (1,638 AF)	
BAIR	7,300	3,517	4,156	2,453	2,547	35	72	1/31/2022	elev.= 5,300 ft	
DEADMAN'S BASIN	75,968	45,862	64,460	--	34,057	45	74	1/28/2022	elev.= 3,898.27 ft (30,307 AF)	
FRENCHMAN	2,777	2,080	2,717	1,404	--	--	--	--	Not Reported	
MARTINSDALE	23,348	9,568	14,384	--	8,928	38	93	1/28/2022	elev.= 4,760.6 ft	
N.F.K. SMITH RIVER	11,406	6,054	7,780	--	--	--	--	--	Not Reported	
YELLOWWATER	3,842	1,687	2,878	1,503	--	--	--	--	Not Reported	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,753	5,456	--	5,342	52	93	1/28/2022	elev.= 6,696.21 ft	
NILAN	10,992	6,306	--	4,401	4,640	42	74	1/31/2022	elev.= 4,426.7 ft (3,740 AF)	
RUBY RIVER	37,612	24,855	24,833	19,294	22,683	60	91	1/31/2022	elev.= 5,375.9 ft	
WILLOW CREEK	18,000	11,405	9,560	8,703	10,121	56	89	1/31/2022	elev.= 4,724.6 ft	
Yellowstone Basin										
COONEY	28,230	18,478	18,362	19,537	20,429	72	111	1/31/2022	elev.= 4,241.3 ft (20,339 AF)	
COTTONWOOD	1,900	805	765	--	194	10	24	2/1/2022	elev.= 5,088.11 ft	
TONGUE RIVER	79,071	45,805	40,928	42,494	44,411	56	97	1/31/2022	elev.= 3,417.3 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.