

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

September 2022

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	ELEVATION	COMMENTS
		30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY	%AVERAGE			
		September						feet		
Clark Fork Basin										
E.F. ROCK CREEK	16,040	5,746	5,439	4,646	5,297	33	92	9/30/2022	6,022.10	
NEVADA CREEK	11,207	3,869	3,091	5,781	2,923	26	76	9/30/2022	4,586.77	
W.F. BITTERROOT	32,362	7,492	6,381	17,065	8,479	26	113	10/6/2022	4,671.67	
Lower Missouri Basin										
ACKLEY	6,722	3,132	2,533	3,149	2,679	40	86	9/26/2022	4,299.08	1,678 AF active storage
BAIR	7,300	2,993	2,174	1,298	1,184	16	40	9/30/2022	5,284.20	
DEADMAN'S BASIN	75,968	38,063	31,964	22,174	21,148	28	56	9/30/2022	3,889.30	17,398 AF active storage
FRENCHMAN	2,777	1,727	1,454	1,347	873	31	51	9/30/2022	2,260.60	
MARTINSDALE	23,348	9,567	8,155	4,791	1,947	8	20	9/28/2022	4,740.58	
N.FK. SMITH RIVER	11,406	4,872	3,287	2,995	2,635	23	54	9/28/2022	5,453.15	
YELLOWWATER	3,842	1,822	1,554	672	586	15	32	9/27/2022	3,106.00	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,644	5,695	6,802	5,866	58	104	9/30/2022	6,699.70	
NILAN	10,992	5,424	4,000	2,766	2,524	23	47	9/29/2022	4,417.55	1,624 AF active storage
RUBY RIVER	37,612	10,260	7,371	20,815	13,912	37	136	9/30/2022	5,361.60	
WILLOW CREEK	18,000	7,386	2,914	9,206	6,487	36	88	9/30/2022	4,718.00	
Yellowstone Basin										
COONEY	28,230	15,520	13,419	21,169	17,810	63	115	9/30/2022	4,237.40	17,720 AF active storage
COTTONWOOD	1,900	712	87	121	140	7	20	10/6/2022	5,086.65	
TONGUE RIVER	79,071	42,784	39,910	49,184	40,367	51	94	9/30/2022	3,415.70	

* 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.