

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

July 31, 2023

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	ELEVATION	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY				% AVERAGE
		Contents	1992- 2022	Jul-22	Jun-23	Jul-22	Jul-22				Jul-22
		July						feet			
Clark Fork Basin											
E.F. ROCK CREEK	16,040	10,419	10,473	15,841	12,486	78	120	7/25/2023	6,046.0		
NEVADA CREEK	11,207	8,893	9,122	10,720	9,213	82	104	8/1/2023	4,610.3		
W.F. BITTERROOT	32,362	29,587	29,600	32,850	30,569	94	103	7/26/2023	4,722.5		
Lower Missouri Basin											
ACKLEY	6,722	4,445	4,920	6,342	5,428	81	122	8/9/2023	4,312.8	4,427 AF active storage	
BAIR	7,300	4,404	2,216	7,286	7,204	99	164	7/31/2023	5,324.7		
DEADMAN'S BASIN	75,968	47,803	28,262	75,583	75,350	99	158	7/24/2023	3,920.7	71,600 AF active storage	
FRENCHMAN	2,777	2,087	1,758	--	1,025	37	49	7/23/2023	2,261.0		
MARTINSDALE	23,348	13,872	5,920	23,098	22,384	96	161	7/31/2023	4,778.2		
N.FK. SMITH RIVER	11,406	8,200	5,160	11,542	10,743	94	131	7/31/2023	5,485.9		
YELLOWWATER	3,842	2,017	861	1,350	1,299	34	64	7/24/2023	3,110.1		
Upper Missouri Basin											
MIDDLE CREEK	10,184	8,666	9,088	10,243	9,467	93	109	7/31/2023	6,718.1		
NILAN	10,992	7,777	2,936	10,923	9,139	83	118	8/4/2023	4,438.8	8,239 AF active storage	
RUBY RIVER	37,612	26,947	32,999	37,925	32,732	87	121	7/31/2023	5,387.9		
WILLOW CREEK	18,000	13,394	12,302	14,893	12,761	71	95	7/31/2023	4,729.2		
Yellowstone Basin											
COONEY	28,230	23,941	27,837	28,496	27,540	98	115	7/31/2023	4,250.2	27,450 AF active storage	
COTTONWOOD	1,900	1,274	473	1,962	1,899	100	149	7/31/2023	5,102.5		
TONGUE RIVER	79,071	61,578	66,796	81,773	76,751	97	125	7/31/2023	3,427.8		

* Note: Water elevation is in the local project datum.

* Note: Reservoir contents include dead storage at the following:

Ackley	1001 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	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.