

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

September 30, 2021

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	1990- 2020 for September	9/30/2020	8/31/2021	9/30/2021	9/30/2021			for September
Clark Fork Basin										
E.F. ROCK CREEK	16,040	5,759	6,201	4,668	5,439	34	94	9/30/2021	elev.= 6,022.7 ft	
NEVADA CREEK	11,207	4,001	3,562	4,642	3,091	28	77	9/30/2021	elev.= 4,587.67 ft	
W.F. BITTERROOT	32,362	7,495	7,296	14,253	6,381	20	85	9/28/2021	elev.= 4,663.6 ft	
Lower Missouri Basin										
ACKLEY	6,722	3,154	3,346	2,952	2,533	38	80	10/6/2021	elev.= 4,298.2 ft (1,532 AF)	
BAIR	7,300	3,012	3,774	2,129	2,174	30	72	9/30/2021	elev.= 5,296.7 ft	
DEADMAN'S BASIN	75,968	37,764	48,854	33,972	31,964	42	85	9/30/2021	elev.= 3,896.9 ft (28,214 AF)	
FRENCHMAN	2,777	1,752	1,910	1,556	1,454	52	83	9/30/2021	elev.= 2,262.1 ft	
MARTINSDALE	23,348	9,584	12,476	9,175	8,155	35	85	9/30/2021	elev.= 4,759.19 ft	
N.F.K. SMITH RIVER	11,406	4,898	6,305	3,837	3,287	29	67	9/30/2021	elev.= 5,456.69 ft	
YELLOWATER	3,842	1,775	3,171	1,719	1,554	40	88	10/7/2021	elev.= 3,111.1 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,643	5,500	7,031	5,695	56	101	9/30/2021	elev.= 6,698.5 ft	
NILAN	10,992	5,474	1,502	5,566	4,000	36	73	9/30/2021	elev.= 4,424.5 ft (3,100 AF)	
RUBY RIVER	37,612	10,250	10,493	11,805	7,371	20	72	9/30/2021	elev.= 5,346.4 ft	
WILLOW CREEK	18,000	7,499	3,883	3,114	2,914	16	39	9/30/2021	elev.= 4,706.95 ft	
Yellowstone Basin										
GOONEY	28,230	15,559	18,137	16,257	13,419	48	86	9/30/2021	elev.= 4,230.1 ft (13,329 AF)	
COTTONWOOD	1,900	747	739	113	87	5	12	10/2/2021	elev.= 5,084.9 ft	
TONGUE RIVER	79,071	42,921	36,769	49,991	39,910	50	93	9/30/2021	elev.= 3,415.5 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.