

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 30, 2022

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		Contents	1991- 2021 for April	4/30/2021 3/31/2022	4/30/2022	4/30/2022	for April		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	9,677	10,058	8,954	9,400	59	97	4/29/2022	elev. = 6,036.6 ft
NEVADA CREEK	11,207	10,029	11,307	7,231	8,227	73	82	4/28/2022	elev. = 4,607.35 ft
W.F. BITTERROOT	32,362	7,031	14,183	15,100	16,418	51	234	4/27/2022	elev. = 4,695.15 ft
Lower Missouri Basin									
ACKLEY	6,722	3,466	3,532	2,692	2,599	39	75	4/26/2022	elev. = 4,298.6 ft (1,598 AF)
BAIR	7,300	4,816	4,969	2,744	2,839	39	59	4/29/2022	elev. = 5,302.4 ft
DEADMAN'S BASIN	75,968	55,928	67,775	41,374	41,960	55	75	4/29/2022	elev. = 3,903.1 ft (38,210 AF)
FRENCHMAN	2,777	2,750	2,916	2,777	2,777	100	101	4/26/2022	elev. = 2,265.39 ft
MARTINSDALE	23,348	13,414	18,178	9,730	10,153	43	76	4/29/2022	elev. = 4,762.6 ft
N.F.K. SMITH RIVER	11,406	8,611	9,801	5,100	5,597	49	65	4/30/2022	elev. = 5,467.39 ft
YELLOWWATER	3,842	2,031	2,748	1,554	1,503	39	74	4/27/2022	elev. = 3,110.9 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	6,539	5,793	5,502	5,719	56	87	4/18/2022	elev. = 6,698.7 ft; Note: Mid-month measurement.
NILAN	10,992	7,953	2,988	5,098	5,260	48	66	4/29/2022	elev. = 4,428.9 ft (4,360 AF)
RUBY RIVER	37,612	36,345	32,905	29,529	33,192	88	91	4/29/2022	elev. = 5,388.4 ft
WILLOW CREEK	18,000	16,504	13,003	12,531	13,539	75	82	4/29/2022	elev. = 4,730.4 ft
Yellowstone Basin									
COONEY	28,230	22,982	26,620	24,066	26,916	95	117	4/29/2022	elev. = 4,249.5 ft (26,826 AF)
COTTONWOOD	1,900	1,653	2,008	373	560	29	34	5/3/2022	elev. = 5,093.78 ft
TONGUE RIVER	79,071	55,987	56,674	51,327	55,689	70	99	4/29/2022	elev. = 3,421.4 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.