

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 | 30 YR AVERAGE | 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 | |
| YELLOWATER | 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 | | | | | | | | | | |
| GOONEY | 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.