

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU
February 28, 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 | Feb-22 | Jan-22 | Feb-23 | Feb-23 | | | | Feb-23 |
| | | February | | | | | | | feet | | |
| Clark Fork Basin | | | | | | | | | | | |
| E.F. ROCK CREEK | 16,040 | 9,062 | 8,448 | 7,856 | 8,253 | 51 | 91 | 2/28/2023 | 6,032.8 | | |
| NEVADA CREEK | 11,207 | 6,120 | 5,253 | 4,736 | 4,736 | 42 | 77 | 2/28/2023 | 4,595.24 | | |
| W.F. BITTERROOT | 32,362 | 7,612 | 9,613 | 8,189 | 7,837 | 24 | 103 | 3/1/2023 | 4,669.3 | | |
| Lower Missouri Basin | | | | | | | | | | | |
| ACKLEY | 6,722 | 2,949 | 2,583 | 3,083 | 3,083 | 46 | 105 | 2/27/2023 | 4,301.5 | 2,082 AF active storage | |
| BAIR | 7,300 | 3,616 | 2,599 | 1,670 | 1,736 | 24 | 48 | 2/28/2023 | 5,291.9 | | |
| DEADMAN'S BASIN | 75,968 | 48,630 | 38,111 | 35,058 | 38,047 | 50 | 78 | 2/28/2023 | 3,900.7 | 34,297 AF active storage | |
| FRENCHMAN | 2,777 | 2,033 | NR | 1,531 | 1,515 | 55 | 75 | 3/2/2023 | 2,262.2 | | |
| MARTINSDALE | 23,348 | 9,431 | 9,027 | 3,630 | 4,015 | 17 | 43 | 2/27/2023 | 4,749.2 | | |
| N.FK. SMITH RIVER | 11,406 | 6,219 | 4,702 | -- | -- | -- | -- | -- | -- | not reported | |
| YELLOWWATER | 3,842 | 1,889 | 1,528 | 672 | 758 | 20 | 40 | 3/2/2023 | 3,107.0 | | |
| Upper Missouri Basin | | | | | | | | | | | |
| MIDDLE CREEK | 10,184 | 5,808 | 5,336 | 5,440 | 5,370 | 53 | 92 | 2/28/2023 | 6,696.4 | | |
| NILAN | 10,992 | 6,498 | 4,863 | 3,472 | 3,777 | 34 | 58 | 3/2/2023 | 4,423.6 | 2,877.4 AF active storage | |
| RUBY RIVER | 37,612 | 27,716 | 25,627 | 29,546 | 31,966 | 85 | 115 | 2/28/2023 | 5,387.0 | | |
| WILLOW CREEK | 18,000 | 13,972 | 11,211 | 11,613 | 12,187 | 68 | 87 | 2/28/2023 | 4,728.2 | | |
| Yellowstone Basin | | | | | | | | | | | |
| COONEY | 28,230 | 19,157 | 21,309 | 19,698 | 20,265 | 72 | 106 | 2/28/2023 | 4,241.0 | 20,175 AF active storage | |
| COTTONWOOD | 1,900 | 856 | 215 | -- | 221 | 12 | 26 | 2/27/2023 | 5,088.7 | | |
| TONGUE RIVER | 79,071 | 47,804 | 46,760 | 47,890 | 49,233 | 62 | 103 | 2/28/2023 | 3,419.1 | | |

* 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.