

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 28, 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 February | 2/28/2021 | 1/31/2022 | 2/28/2022 | 2/28/2022 | | | for February |
| Clark Fork Basin | | | | | | | | | | |
| E.F. ROCK CREEK | 16,040 | 9,084 | 9,392 | 7,985 | 8,448 | 53 | 93 | 2/28/2022 | elev. = 6,033.5 ft | |
| NEVADA CREEK | 11,207 | 6,164 | 7,583 | 5,076 | 5,253 | 47 | 85 | 3/1/2022 | elev. = 4,597.27 ft | |
| W.F. BITTERROOT | 32,362 | 7,031 | 5,773 | 9,581 | 9,613 | 30 | 137 | 2/24/2022 | elev. = 4,675.8 ft | |
| Lower Missouri Basin | | | | | | | | | | |
| ACKLEY | 6,722 | 2,963 | 3,251 | 2,639 | 2,583 | 38 | 87 | 3/4/2022 | elev. = 4,298.5 ft (1,582 AF) | |
| BAIR | 7,300 | 3,634 | 4,246 | 2,547 | 2,599 | 36 | 72 | 2/28/2022 | elev. = 5,300.5 ft | |
| DEADMAN'S BASIN | 75,968 | 48,541 | 64,588 | 34,057 | 38,111 | 50 | 79 | 2/28/2022 | elev. = 3,900.74 ft (34,361 AF) | |
| FRENCHMAN | 2,777 | 2,033 | 1,657 | 1,758 | NR | -- | -- | -- | Not Reported | |
| MARTINSDALE | 23,348 | 9,369 | 15,138 | 8,928 | 9,027 | 39 | 96 | 3/1/2022 | elev. = 4,760.76 ft | |
| N.F.K. SMITH RIVER | 11,406 | 6,244 | 7,935 | 4,215 | 4,702 | 41 | 75 | 3/1/2022 | elev. = 5,463.5 ft | |
| YELLOWWATER | 3,842 | 1,831 | 2,917 | -- | 1,375 | 36 | 75 | 3/1/2022 | elev. = 3,110.4 ft | |
| Upper Missouri Basin | | | | | | | | | | |
| MIDDLE CREEK | 10,184 | 5,824 | 5,370 | 5,342 | 5,336 | 52 | 92 | 2/25/2022 | elev. = 6,696.2 ft | |
| NILAN | 10,992 | 6,564 | 2,248 | 4,640 | 4,863 | 44 | 74 | 2/28/2022 | elev. = 4,427.5 ft (3,963 AF) | |
| RUBY RIVER | 37,612 | 27,705 | 27,639 | 22,683 | 25,627 | 68 | 92 | 2/28/2022 | elev. = 5,379.7 ft | |
| WILLOW CREEK | 18,000 | 14,041 | 11,188 | 10,121 | 11,211 | 62 | 80 | 2/28/2022 | elev. = 4,726.5 ft | |
| Yellowstone Basin | | | | | | | | | | |
| COONEY | 28,230 | 19,083 | 19,296 | 20,429 | 21,309 | 75 | 112 | 2/28/2022 | elev. = 4,242.5 ft (21,219 AF) | |
| COTTONWOOD | 1,900 | 894 | 1,202 | 194 | 215 | 11 | 24 | 3/1/2022 | elev. = 5,088.56 ft | |
| TONGUE RIVER | 79,071 | 47,852 | 44,015 | 44,411 | 46,760 | 59 | 98 | 2/28/2022 | elev. = 3,418.2 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.