

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

September 30, 2024

All Contents in Acre-Feet

| RESERVOIR | TOTAL CAPACITY (includes dead storage)* | CONTENTS | | | | | | READING DATE | ELEVATION | COMMENTS |
|-----------------------------|--|---------------|-----------|------------|---------------|------------|-----------|-----------------|-----------|--------------------------|
| | | 30 YR AVERAGE | Last Year | Last Month | PRESENT | % CAPACITY | % AVERAGE | | | |
| | Full Pool | 1993- 2023 | Sep-23 | Aug-24 | Sep-24 | Sep-24 | Sep-24 | | feet | |
| | Contents | September | | | | | | | | |
| Clark Fork Basin | | | | | | | | | | |
| E.F. ROCK CREEK | 16,040 | 5,721 | 5,531 | 5,828 | 6,634 | 41 | 116 | 9/30/2024 | 6,027.2 | |
| NEVADA CREEK | 11,207 | 3,969 | 3,292 | 1,905 | 1,786 | 16 | 45 | 9/30/2024 | 4,579.9 | |
| W.F. BITTERROOT | 32,362 | 7,703 | 6,660 | 23,684 | 9,226 | 29 | 120 | 9/22/2024 | 4,674.4 | |
| Lower Missouri Basin | | | | | | | | | | |
| ACKLEY | 6,722 | 3,176 | 4,440 | 3,826 | 3,165 | 47 | 100 | 9/30/2024 | 4,302.0 | 2,164 AF active storage |
| BAIR | 7,300 | 2,985 | 5,360 | 2,560 | 2,154 | 30 | 72 | 9/30/2024 | 5,296.5 | |
| DEADMAN'S BASIN | 75,968 | 37,742 | 62,781 | 49,066 | 46,902 | 62 | 124 | 9/30/2024 | 3,905.9 | 43,152 AF active storage |
| FRENCHMAN | 2,777 | 1,605 | 873 | 1,063 | -- | -- | -- | -- | -- | not reported |
| MARTINSDALE | 23,348 | 9,751 | 17,456 | 15,954 | 11,894 | 51 | 122 | 9/24/2024 | 4,765.4 | |
| N.FK. SMITH RIVER | 11,406 | 5,047 | 7,455 | 5,785 | 4,509 | 40 | 89 | 9/24/2024 | 5,462.7 | |
| YELLOWWATER | 3,842 | 1,842 | 1,101 | 1,118 | 1,187 | 31 | 64 | 9/26/2024 | 3,109.5 | |
| Upper Missouri Basin | | | | | | | | | | |
| MIDDLE CREEK | 10,184 | 5,650 | 5,599 | 7,029 | 5,631 | 55 | 100 | 9/30/2024 | 6,698.1 | |
| NILAN | 10,992 | 5,322 | 6,940 | 5,227 | 4,519 | 41 | 85 | 9/30/2024 | 4,426.3 | 3,619 AF active storage |
| RUBY RIVER | 37,612 | 10,936 | 17,783 | 18,037 | 12,694 | 34 | 116 | 9/30/2024 | 5,359.2 | |
| WILLOW CREEK | 18,000 | 7,491 | 10,178 | 7,605 | 5,784 | 32 | 77 | 9/30/2024 | 4,716.6 | |
| Yellowstone Basin | | | | | | | | | | |
| COONEY | 28,230 | 15,846 | 20,546 | 21,616 | 18,631 | 66 | 118 | 9/30/2024 | 4,238.6 | 18,541 AF active storage |
| COTTONWOOD | 1,900 | 734 | 1,751 | 1,059 | 1,061 | 56 | 144 | 10/7/2024 | 5,098.2 | |
| TONGUE RIVER | 79,071 | 43,431 | 60,743 | 54,004 | 44,851 | 57 | 103 | 9/30/2024 | 3,417.4 | |

* Note: Water elevation is in the local project datum.

* 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.