

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

June 30, 2019

All Contents in Acre-Feet

| RESERVOIR | TOTAL CAPACITY (includes dead storage)* | CONTENTS | | | | | | READING DATE | COMMENTS |
|-----------------------------|--|------------------------|-----------|------------|---------------|------------|-----------|-----------------|-------------------------------|
| | | Full Pool | Last Year | Last Month | PRESENT | % CAPACITY | % AVERAGE | | |
| | | 1988- 2018 for June | 6/30/2018 | 5/31/2019 | 6/30/2019 | 6/30/2019 | for June | | |
| Clark Fork Basin | | | | | | | | | |
| E.F. ROCK CREEK | 16,040 | 12,566 | 15,828 | 13,156 | 14,990 | 93 | 119 | 7/1/2019 | elev.= 6,052.8 ft |
| NEVADA CREEK | 11,207 | 9,859 | 11,273 | 11,318 | 9,298 | 83 | 94 | 6/30/2019 | elev.= 4,610.59 ft |
| W.F. BITTERROOT | 32,362 | 32,281 | 33,334 | 33,452 | 32,709 | 101 | 101 | 6/24/2019 | elev.= 4,726.00 ft |
| Lower Missouri Basin | | | | | | | | | |
| ACKLEY | 6,722 | 5,478 | 6,625 | 6,296 | 6,567 | 98 | 120 | 6/30/2019 | elev.= 4,317.38 ft (5,566 AF) |
| BAIR | 7,300 | 5,205 | 7,280 | 7,332 | 7,290 | 100 | 140 | 7/1/2019 | elev.= 5,325.0 ft |
| DEADMAN'S BASIN | 75,968 | 53,926 | 75,968 | 76,406 | 75,364 | 99 | 140 | 7/1/2019 | elev.= 3,920.7 ft (71,614 AF) |
| FRENCHMAN | 2,777 | 2,518 | 3,741 | -- | -- | -- | -- | -- | Not Reported |
| MARTINSDALE | 23,348 | 16,449 | 23,584 | 23,622 | 23,254 | 100 | 141 | 7/2/2019 | elev.= 4,779.15 ft |
| N.F.K. SMITH RIVER | 11,406 | 9,546 | 11,685 | 11,541 | 11,528 | 101 | 121 | 7/2/2019 | elev.= 5,488.30 ft |
| YELLOWWATER | 3,842 | 1,939 | 3,915 | 4,277 | 3,794 | 99 | 196 | 6/23/2019 | elev.= 3,118.5 ft |
| Upper Missouri Basin | | | | | | | | | |
| MIDDLE CREEK | 10,184 | 10,044 | 10,259 | 10,307 | 10,280 | 101 | 102 | 7/1/2019 | elev.= 6,721.4 ft |
| NILAN | 10,992 | 9,212 | 11,688 | 11,144 | 10,571 | 96 | 115 | 7/2/2019 | elev.= 4,441.77 ft (9,671 AF) |
| RUBY RIVER | 37,612 | 34,558 | 38,164 | 37,976 | 37,217 | 99 | 108 | 7/1/2019 | elev.= 5,392.6 ft |
| WILLOW CREEK | 18,000 | 16,336 | 16,884 | 14,887 | 14,101 | 78 | 86 | 6/25/2019 | elev.= 4,731.11 ft |
| Yellowstone Basin | | | | | | | | | |
| COONEY | 28,230 | 25,341 | 28,181 | 28,273 | 28,044 | 99 | 111 | 7/1/2019 | elev.= 4,250.8 ft (27,954 AF) |
| COTTONWOOD | 1,900 | 1,652 | 1,910 | 1,947 | 1,945 | 102 | 118 | 7/5/2019 | elev.= 5102.66 ft |
| TONGUE RIVER | 79,071 | 73,416 | 79,677 | 82,802 | 81,028 | 102 | 110 | 7/1/2019 | elev.= 3,428.9 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.