

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

July 31, 2016

All Contents in Acre-Feet

| RESERVOIR | TOTAL CAPACITY (includes dead storage)* | CONTENTS | | | | | % CAPACITY 7/31/2016 | %AVERAGE for July | READING DATE | COMMENTS |
|-----------------------------|--|-------------------------|-----------|------------|---------------|-----------|-------------------------|----------------------|---------------------------|----------|
| | | AVERAGE | Last Year | Last Month | PRESENT | | | | | |
| | | 1960 - 2014 for July | 7/31/2015 | 6/30/2016 | 7/31/2016 | 7/31/2016 | | | | |
| Clark Fork Basin | | | | | | | | | | |
| E.F. ROCK CREEK | 16,040 | 9,858 | 7,556 | 13,924 | 9,348 | 58 | 95 | 8/5/2016 | elev.=6036.4 | |
| NEVADA CREEK | 11,207 | 8,914 | 5,386 | 6,750 | 5,096 | 45 | 57 | 8/5/2016 | elev.=4596.66 | |
| W.F. BITTERROOT | 32,362 | 20,494 | 27,997 | 32,758 | 29,278 | 90 | 143 | 8/1/2016 | elev. = 4720.3 | |
| Lower Missouri Basin | | | | | | | | | | |
| ACKLEY | 6,722 | 4,425 | 5,943 | 6,342 | 4,449 | 66 | 101 | 8/2/2016 | elev. =4308.4 | |
| BAIR | 7,300 | 5215 | 6,198 | 5,098 | 4,159 | 57 | 80 | 7/28/2016 | elev.=5311 | |
| DEADMAN'S BASIN | 75,968 | 45,019 | 62,430 | 65,790 | 46,710 | 61 | 104 | 7/28/2016 | elev.=3905.79 (42,960 AF) | |
| FRENCHMAN | 2,777 | 2,007 | 2,163 | 2,717 | 2,717 | 98 | 135 | 7/23/2016 | elev. =2264.52 | |
| MARTINSDALE | 23,348 | 14,316 | 18,655 | 15,413 | 10,033 | 43 | 70 | 7/28/2016 | elev.=4762.39 | |
| N.FK. SMITH RIVER | 11,406 | 8,010 | 9,036 | 8,604 | 7,193 | 63 | 90 | 7/28/2016 | elev.=5473.91 | |
| YELLOWWATER | 3,842 | 1,571 | 3,398 | 2,280 | 2,716 | 71 | 173 | 8/1/2016 | elev.=3115.3 | |
| Upper Missouri Basin | | | | | | | | | | |
| MIDDLE CREEK | 10,184 | 8,664 | 8,489 | 9,908 | 7,806 | 77 | 90 | 8/5/2016 | elev.=6710.6 | |
| NILAN | 10,992 | 7,496 | 8,492 | 9,575 | 7,187 | 65 | 96 | 7/25/2016 | elev.=4436.5 | |
| RUBY RIVER | 37,612 | 27,990 | 22,852 | 33,066 | 22,841 | 61 | 82 | 8/5/2016 | elev. = 5376.1 | |
| WILLOW CREEK | 18,000 | 13,461 | 14,232 | 17,131 | 13,651 | 76 | 101 | 7/25/2016 | elev. =4730.55 | |
| Yellowstone Basin | | | | | | | | | | |
| COONEY | 28,230 | 22,660 | 27,878 | 27,002 | 21,905 | 78 | 97 | 7/26/2016 | elev.=4243.28 (21,815 AF) | |
| COTTONWOOD | 1,900 | 1,481 | 1,443 | 1,722 | 945 | 50 | 64 | 7/27/2016 | elev. =5097.4 | |
| TONGUE RIVER | 79,071 | 40,516 | 71,437 | 75,403 | 56,364 | 71 | 139 | 8/5/2016 | elev. =3124.6 | |

* Note: Reservoir contents include dead storage at the following:

| | | | | |
|-----------|---------|----|--|--|
| Ackley | 1001 AF | ** | ** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table) | |
| Cooney | 90 AF | ** | Tongue River | 711 AF (O&M storage table includes dead storage) |
| Deadman's | 3750 AF | ** | W. F. Bitterroot | 656 AF (O&M storage table includes dead storage) |
| Nilan | 900 AF | ** | 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 pre aerial survey