

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

November 30, 2016

All Contents in Acre-Feet

| RESERVOIR | TOTAL CAPACITY (includes dead storage)* | CONTENTS | | | | | % CAPACITY 11/30/2016 | %AVERAGE for November | READING DATE | COMMENTS |
|-----------------------------|--|-----------------------------|------------|------------|---------------|------------|--------------------------|--------------------------|-----------------------------|----------|
| | | AVERAGE | Last Year | Last Month | PRESENT | | | | | |
| | | 1960 - 2014 for November | 11/30/2015 | 10/31/2016 | 11/30/2016 | 11/30/2016 | | | | |
| Clark Fork Basin | | | | | | | | | | |
| E.F. ROCK CREEK | 16,040 | 7,200 | 6,216 | 5,776 | 6,722 | 42 | 93 | 11/30/2016 | elev.= 6,027.5 | |
| NEVADA CREEK | 11,207 | 4,440 | 2,566 | 2,330 | 2,846 | 25 | 64 | 11/25/2016 | elev.= 4,586.36 | |
| W.F. BITTERROOT | 32,362 | 10,850 | 6,769 | 7,149 | 7,701 | 24 | 71 | 11/30/2016 | elev. = 4,668.81 | |
| Lower Missouri Basin | | | | | | | | | | |
| ACKLEY | 6,722 | 3,356 | 2,757 | 2,390 | NA | NA | NA | | Not Reported | |
| BAIR | 7,300 | 3,254 | 4,792 | 2,863 | 3,062 | 42 | 94 | 11/29/2016 | elev.= 4754.16 | |
| DEADMAN'S BASIN | 75,968 | 37,116 | 47,782 | 36,781 | 40,291 | 53 | 109 | 11/28/2016 | elev.= 3902.06 (36,541AF) | |
| FRENCHMAN | 2,777 | 2,168 | 2,476 | 1,606 | NA | NA | NA | | Not Reported | |
| MARTINSDALE | 23,348 | 9,040 | 13,939 | 5,363 | 5,761 | 25 | 64 | 11/29/2016 | elev. = 4,754.16 | |
| N.FK. SMITH RIVER | 11,406 | 5,459 | 5,812 | 4,509 | 4,735 | 42 | 87 | 11/29/2016 | elev.= 5,463.64 | |
| YELLOWWATER | 3,842 | 1,406 | 3,072 | 3,448 | 2,878 | 75 | 205 | 11/29/2016 | elev.= 3,115.8 | |
| Upper Missouri Basin | | | | | | | | | | |
| MIDDLE CREEK | 10,184 | 4,195 | 5,443 | 5,590 | 5,482 | 54 | 131 | 11/30/2016 | elev.= 6,697.1 | |
| NILAN | 10,992 | 5,642 | 4,612 | 5,383 | 5,841 | 53 | 104 | 12/4/2016 | elev.= 4,430.76 (4,941 AF) | |
| RUBY RIVER | 37,612 | 16,577 | 16,838 | 13,272 | 18,181 | 48 | 110 | 11/30/2016 | elev. = 5,369.2 | |
| WILLOW CREEK | 18,000 | 8,084 | 9,500 | 9,808 | 10,133 | 56 | 125 | 11/15/2016 | elev. = 4,724.5 | |
| Yellowstone Basin | | | | | | | | | | |
| COONEY | 28,230 | 10,113 | 22,984 | 18,198 | 18,075 | 64 | 179 | 11/30/2016 | elev.= 4,237.8 (17,985 AF) | |
| COTTONWOOD | 1,900 | 803 | 1,179 | 560 | 588 | 31 | 73 | 12/7/2016 | elev. = 5,094.09 | |
| TONGUE RIVER | 79,071 | 30,466 | 50,025 | 45,093 | 49,100 | 62 | 161 | 11/30/2016 | elev. = 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 pre aerial survey