



**US Army Corps  
of Engineers®**

Northwestern Division, Omaha District  
**Mainstem and Tributary Reservoir Bulletin**

Project Data Date/Time: 05-07-2019 00:00

Last Updated Date/Time: 05-07-2019 10:35



| Project                                 | Project Information |        |                         |            | Current Data                                  |                        |                                   |              |               | Occupied Storage |            |        |
|---|---------------------|--------|-------------------------|------------|---|------------------------|-----------------------------------|--------------|---------------|------------------|------------|--------|
|   | Elevations (ft)     |        | Cumulative Stor (ac-ft) |            | Elev (ft)                                     | Daily Elev Change (ft) | Storage (ac-ft)                   | Inflow (cfs) | Release (cfs) | MP (%)           | FC (ac-ft) | FC (%) |
|   | MP                  | FC     | MP                      | FC         |   |                        |                                   |              |               |                  |            |        |
| <b>Missouri River Mainstem Projects</b> |                     |        |                         |            |   |                        |                                   |              |               |                  |            |        |
| Fort Peck Dam                           | 2234.0              | 2250.0 | 14,788,340              | 18,462,840 | 2241.19                                       | 0.08                   | 16,367,000                        | 18,000       | 8,100         | 100.0            | 1,578,660  | 43.0   |
| Garrison Dam                            | 1837.5              | 1854.0 | 17,744,640              | 23,451,300 | 1846.48                                       | -0.06                  | 20,729,000                        | 22,000       | 21,000        | 100.0            | 2,984,360  | 52.3   |
| Oahe Dam                                | 1607.5              | 1620.0 | 18,667,635              | 22,982,900 | 1615.70                                       | -0.18                  | 21,430,000                        | 21,000       | 39,900        | 100.0            | 2,762,365  | 64.0   |
| Big Bend Dam                            | 1420.0              | 1423.0 | 1,631,474               | 1,810,414  | 1420.82                                       | -0.14                  | 1,679,000                         | 36,000       | 40,500        | 100.0            | 47,526     | 26.6   |
| Fort Randall Dam                        | 1350.0              | 1375.0 | 3,000,732               | 5,293,473  | 1362.57                                       | -0.18                  | 4,081,000                         | 43,000       | 50,200        | 100.0            | 1,080,268  | 47.1   |
| Gavins Point Dam                        | 1204.5              | 1210.0 | 295,406                 | 428,033    | 1206.01                                       | -0.11                  | 328,000                           | 54,000       | 55,000        | 100.0            | 32,594     | 24.6   |
| System Totals                           | --                  | --     | 56,128,227              | 72,428,960 | --  | --                     | 64,614,000                        | --           | --            | 100.0            | 8,485,773  | 52.1   |
| <b>USBR Section 7 Projects</b>          |                     |        |                         |            |   |                        |                                   |              |               |                  |            |        |
| Tiber Dam                               | 2993.0              | 3012.5 | 925,648                 | 1,328,723  | 2987.38                                       | 0.08                   | 828,657                           | 1,230        | 509           | 89.5             | 0          | 0.0    |
| Clark Canyon Dam                        | 5546.1              | 5560.4 | 174,367                 | 253,443    | 5546.17                                       | -0.10                  | 174,728                           | 336          | 595           | 100.0            | 361        | 0.5    |
| Canyon Ferry Dam                        | 3797.0              | 3800.0 | 1,891,888               | 1,992,977  | 3783.72                                       | -0.11                  | 1,467,878                         | 7,971        | 10,099        | 77.6             | 0          | 0.0    |
| Boysen Dam                              | 4725.0              | 4732.2 | 741,594                 | 892,226    | 4715.50                                       | -0.05                  | 573,432                           | 1,282        | 1,520         | 77.3             | 0          | 0.0    |
| Buffalo Bill Dam*                       | 5393.5              | --     | 646,565                 | --         | 5356.92                                       | -0.40                  | 380,058                           | 1,139        | 2,422         | 58.8             | --         | --     |
| Yellowtail Dam                          | 3640.0              | 3657.0 | 1,020,573               | 1,278,896  | 3612.85                                       | -0.13                  | 781,014                           | 3,274        | 3,679         | 76.5             | 0          | 0.0    |
| Jamestown Dam                           | 1431.0              | 1454.0 | 30,488                  | 220,990    | 1437.37                                       | -0.14                  | 52,180                            | 53           | 590           | 100.0            | 21,692     | 11.4   |
| Heart Butte Dam                         | 2064.5              | 2094.5 | 67,142                  | 214,169    | 2063.98                                       | -0.03                  | 65,438                            | 49           | 98            | 97.5             | 0          | 0.0    |
| Keyhole Dam                             | 4099.3              | 4111.5 | 188,671                 | 329,134    | 4097.96                                       | -0.01                  | 176,361                           | 49           | 96            | 93.5             | 0          | 0.0    |
| Pactola Dam                             | 4580.2              | 4621.5 | 55,975                  | 99,038     | 4579.81                                       | 0.05                   | 55,640                            | 184          | 166           | 99.4             | 0          | 0.0    |
| Shadehill Dam                           | 2272.0              | 2302.0 | 120,172                 | 350,176    | 2272.71                                       | -0.00                  | 123,776                           | 239          | 265           | 100.0            | 3,604      | 1.6    |
| Glendo Dam                              | 4635.0              | 4653.0 | 492,022                 | 763,039    | 4633.40                                       | 0.16                   | 473,158                           | M            | M             | 96.2             | 0          | 0.0    |
| <b>Corps Tributary Projects</b>         |                     |        |                         |            |   |                        |                                   |              |               |                  |            |        |
| Bowman-Haley Dam                        | 2754.8              | 2777.0 | 17,469                  | 89,207     | 2753.16                                       | -0.07                  | 14,786                            | 5            | 59            | 84.6             | 0          | 0.0    |
| Pipestem Dam                            | 1442.5              | 1496.3 | 8,354                   | 143,394    | 1469.60                                       | 0.04                   | 52,790                            | 54           | 0             | 100.0            | 44,436     | 32.9   |
| Chatfield Dam                           | 5432.0              | 5500.0 | 27,076                  | 233,061    | 5431.49                                       | -0.03                  | 26,372                            | 55           | 79            | 97.4             | 0          | 0.0    |
| Cherry Creek Dam                        | 5550.0              | 5598.0 | 12,558                  | 91,852     | 5549.76                                       | -0.00                  | 12,357                            | 18           | 19            | 98.4             | 0          | 0.0    |
| Bear Creek Dam                          | 5558.0              | 5635.5 | 1,824                   | 30,338     | 5558.48                                       | 0.01                   | 1,876                             | 28           | 27            | 100.0            | 52         | 0.2    |
| Papillion Creek Dam 11                  | 1121.0              | 1142.0 | 3,015                   | 16,588     | POOL IS DRAWN DOWN FOR LAKE REHABILITATION    |                        |                                   |              |               |                  |            |        |
| Papillion Creek Dam 16                  | 1104.0              | 1121.0 | 1,141                   | 4,673      | 1104.34                                       | 0.02                   | 1,184                             | 5            | 3             | 100.0            | 43         | 1.2    |
| Papillion Creek Dam 18                  | 1110.0              | 1128.2 | 2,781                   | 10,257     | 1110.38                                       | 0.04                   | 2,878                             | 11           | 5             | 100.0            | 97         | 1.3    |
| Papillion Creek Dam 20                  | 1095.8              | 1113.1 | 2,309                   | 8,512      | 1096.06                                       | 0.04                   | 2,364                             | 5            | 0             | 100.0            | 55         | 0.9    |
| Cottonwood Springs Dam & Res            | 3875.0              | 3936.0 | 662                     | 8,414      | 3861.14                                       | -0.08                  | 233                               | -1           | 0             | 35.2             | 0          | 0.0    |
| Cold Brook Dam                          | 3585.0              | 3651.4 | 520                     | 7,231      | 3585.51                                       | 0.01                   | 539                               | 3            | 3             | 100.0            | 19         | 0.3    |
| Lake Audubon at Garrison Dam            | 1847.0              | --     | 336,869                 | --         | 1845.86                                       | 0.29                   | INFLOW AND OUTFLOW NOT CALCULATED |              |               |                  |            |        |
| Lake Pocasse at Oahe Dam                | 1617.0              | --     | 10,999                  | --         | POOL ELEVATION READ MONTHLY BY PROJECT OFFICE |                        |                                   |              |               |                  |            |        |
| Salt Creek Dam 2                        | 1335.0              | 1350.0 | 1,100                   | 4,957      | 1335.26                                       | 0.10                   | 1,144                             | 10           | 2             | 100.0            | 44         | 1.1    |
| Salt Creek Dam 4                        | 1307.4              | 1322.5 | 2,532                   | 9,666      | 1307.74                                       | 0.29                   | 2,638                             | 45           | 0             | 100.0            | 106        | 1.5    |
| Salt Creek Dam 8                        | 1287.8              | 1302.0 | 1,780                   | 8,375      | 1288.52                                       | 0.45                   | 1,980                             | 71           | 5             | 100.0            | 200        | 3.0    |
| Salt Creek Dam 9                        | 1271.1              | 1285.0 | 1,451                   | 5,864      | 1271.57                                       | 0.49                   | 1,544                             | 50           | 2             | 100.0            | 93         | 2.1    |
| Salt Creek Dam 10                       | 1244.9              | 1262.0 | 1,629                   | 7,468      | 1246.12                                       | 0.48                   | 1,897                             | 66           | 13            | 100.0            | 268        | 4.6    |
| Salt Creek Dam 12                       | 1232.9              | 1252.0 | 1,808                   | 9,415      | POOL IS DRAWN DOWN FOR LAKE REHABILITATION    |                        |                                   |              |               |                  |            |        |
| Salt Creek Dam 13                       | 1341.0              | 1355.0 | 2,161                   | 7,189      | 1340.75                                       | 0.08                   | 2,103                             | 9            | 0             | 97.3             | 0          | 0.0    |
| Salt Creek Dam 14                       | 1244.3              | 1263.5 | 7,500                   | 27,597     | 1244.78                                       | 0.09                   | 7,852                             | 42           | 8             | 100.0            | 352        | 1.8    |
| Salt Creek Dam 17                       | 1242.4              | 1266.0 | 808                     | 6,628      | 1243.88                                       | 0.49                   | 1,000                             | 56           | 23            | 100.0            | 192        | 3.3    |
| Salt Creek Dam 18                       | 1284.0              | 1311.0 | 25,088                  | 96,759     | 1285.02                                       | 0.23                   | 27,008                            | 287          | 68            | 100.0            | 1,920      | 2.7    |

MP = Multipurpose      FC = Flood Control      -- = N/A Data      M = Missing Data      \*Buffalo Bill is not a Section 7 Project

All Corps and USBR tributary project elevations are reported in NGVD29 except for Cherry Creek and Pipestem Dams, which are in local project datums.