



US Army Corps  
of Engineers  
Northwestern Division

# U.S. Army Corps of Engineers

## Missouri River Basin

### Monthly River Bulletin

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| STATION  | Miles above Missouri R Mouth (1960) | Elev Datum (ft msl) | Flood Stage (feet) | Gage Reading (feet) | Monthly Change (feet) | Estimated Discharge In/Out (cfs) | Actual Stor/Gen (KAF / Mwh) | 24-Hr Precip (in) | Air Temp (deg F) |    |
|--|-------------------------------------|---------------------|--------------------|---------------------|-----------------------|----------------------------------|-----------------------------|-------------------|------------------|----|
|  |                                     |                     |                    |                     |                       |                                  |                             |                   | Hi               | Lo |
| <b>Missouri River Mainstem Projects as of Midnight</b> |                                     |                     |                    |                     |                       |                                  |                             |                   |                  |    |
| Fort Peck  | 1771.6                              |                     |                    | 2240.5              | -1.3                  |                                  |                             |                   |                  |    |
| Garrison   | 1389.9                              |                     |                    | 1842.5              | -1.9                  |                                  |                             |                   |                  |    |
| Oahe   | 1072.3                              |                     |                    | 1611.8              | -3.2                  |                                  |                             |                   |                  |    |
| Big Bend   | 987.4                               |                     |                    | 1420.4              | -0.4                  |                                  |                             |                   |                  |    |
| Fort Randall   | 880.0                               |                     |                    | 1350.5              | -2.8                  |                                  |                             |                   |                  |    |
| Gavins Point   | 811.1                               |                     |                    | 1207.9              | 0.6                   |                                  |                             |                   |                  |    |
| System Storage   |                                     |                     |                    |                     |                       |                                  | KAF                         |                   |                  |    |
| Storage Change   |                                     |                     |                    |                     |                       |                                  | KAF                         |                   |                  |    |
| Daily Generation                                       |                                     |                     |                    |                     |                       |                                  | Mwh                         |                   |                  |    |
| <b>Selected Tributary Reservoirs as of Midnight</b>    |                                     |                     |                    |                     |                       |                                  |                             |                   |                  |    |
| Clark Canyon   | 2483.9                              |                     |                    | 5538.6              | -0.2                  | 328<br>186                       | 137                         | 0.00              |                  |    |
| Canyon Ferry   | 2252.8                              |                     |                    | 3789.3              | -0.6                  | 4,371<br>3,889                   | 1,643                       |                   |                  |    |
| Tiber  | 80.4                                |                     |                    | 2988.3              | -1.3                  | 278<br>610                       | 844                         | M                 |                  |    |
| Fresno   | 437.3                               |                     |                    | 2562.5              | 4.4                   | 29<br>42                         | 44                          |                   |                  |    |
| Boysen   | 0.0                                 |                     |                    | 4719.6              | -1.1                  | 1,187<br>1,010                   | 641                         | 0.00              |                  |    |
| Buffalo Bill   | 0.0                                 |                     |                    | 5369.4              | -7.4                  | 573<br>600                       | 464                         |                   |                  |    |
| Yellowtail   | 0.0                                 |                     |                    | 3634.7              | 0.2                   | 2,850<br>2,850                   | 958                         | M                 |                  |    |
| Heart Butte  | 0.0                                 |                     |                    | 2061.9              | 0.3                   | 0<br>0                           | 59                          | 0.00              |                  |    |
| Bowman-Haley   | 0.0                                 |                     |                    | 2751.0              | -0.1                  | M<br>M                           | 12                          |                   |                  |    |
| Shadehill  | 0.0                                 |                     |                    | 2270.0              | 0.0                   | -7<br>17                         | 110                         | 0.00              |                  |    |
| Keyhole  | 0.0                                 |                     |                    | 4095.8              | -0.1                  | 0<br>0                           | 158                         | 0.00              |                  |    |
| Pactola  | 0.0                                 |                     |                    | 4576.6              | -0.9                  | 51<br>63                         | 53                          | 0.00              |                  |    |
| Jamestown  | 0.0                                 |                     |                    | 1430.1              | -0.8                  | 111<br>13                        | 28                          |                   |                  |    |
| Pipestem   | 0.0                                 |                     |                    | 1442.8              | 0.1                   | M<br>M                           | 9                           |                   |                  |    |
| <b>Selected River Gaging Stations as of 6:00 A.M.</b>  |                                     |                     |                    |                     |                       |                                  |                             |                   |                  |    |
| <b>Yellowstone River</b>                               |                                     |                     |                    |                     |                       |                                  |                             |                   |                  |    |
| Corwin Springs, MT                                     | 2113.0                              | 5079.1              | 11                 | 1.6                 | -0.4                  | 1,280                            |                             |                   |                  |    |
| Livingston, MT   | 2063.0                              | 4542.5              | 9.5                | 1.4                 | -0.2                  | 1,799                            | M                           | M                 | M                |    |
| Billings, MT   | 1928.0                              | 3081.4              | 13.5               | 3.4                 | 0.3                   | 4,356                            | M                           | M                 | M                |    |
| Miles City, MT   | 1763.0                              | 2330.2              | 13                 | 3.9                 | 0.2                   | 8,449                            | M                           | M                 | M                |    |
| Sidney, MT   | 1612.0                              | 1881.3              | 19                 | 5.1                 | 0.5                   | 8,451                            |                             |                   |                  |    |
| <b>Missouri River</b>                                  |                                     |                     |                    |                     |                       |                                  |                             |                   |                  |    |
| Fort Benton, MT  | 2073.0                              | 2614.1              | 13                 |                     |                       |                                  |                             |                   |                  |    |
| Virgelle, MT   | 2033.0                              | 2507.5              | 17                 | 3.6                 | -0.2                  | 6,348                            |                             |                   |                  |    |
| Robinson Bridge, MT                                    | 1922.0                              | 2240.0              | 25                 | 14.6                | -0.2                  | 6,473                            |                             |                   |                  |    |
| Wolf Point, MT   | 1701.0                              | 1958.6              | 23                 | 13.1                | -0.8                  | 12,150                           | M                           | M                 | M                |    |
| Culbertson, MT   | 1621.0                              | 1883.4              | 19                 | 5.2                 | -1.8                  | 11,947                           |                             |                   |                  |    |
| Washburn, ND   | 1355.0                              | 1640.0              | 22                 | 11.6                | -0.9                  | M                                | M                           | M                 | M                |    |
| Bismarck, ND   | 1315.0                              | 1618.3              | 14.5               | 7.8                 | -1.1                  | 30,404                           | M                           | M                 | M                |    |
| <b>Platte River</b>                                    |                                     |                     |                    |                     |                       |                                  |                             |                   |                  |    |
| North Bend, NE   | 73.0                                | 1262.3              | 8                  | 4.5                 | 0.3                   | 6,611                            |                             |                   |                  |    |
| Louisville, NE   | 17.0                                | 1007.1              | 9                  | 4.0                 | 0.3                   | 6,672                            |                             |                   |                  |    |
| <b>Kansas River</b>                                    |                                     |                     |                    |                     |                       |                                  |                             |                   |                  |    |
| Wamego, KS   | 127.0                               | 950.8               | 19                 | 5.9                 | -4.4                  | 4,591                            |                             |                   |                  |    |
| Lecompton, KS  | 65.0                                | 821.8               | 17                 | 4.4                 | -3.7                  | 5,311                            |                             |                   |                  |    |
| Desoto, KS   | 30.0                                | 753.8               | 26                 | 7.3                 | -3.0                  | 5,966                            |                             |                   |                  |    |
| <b>Missouri River</b>                                  |                                     |                     |                    |                     |                       |                                  |                             |                   |                  |    |
| Yankton, SD  | 806.0                               | 1139.7              | 20                 | 15.8                | 0.0                   | 58,940                           |                             |                   |                  |    |
| Ponca, NE  | 751.0                               | 1080.0              | 24                 | 16.8                | 0.5                   |                                  |                             |                   |                  |    |
| Sioux City, IA   | 732.0                               | 1057.0              | 30                 | 22.1                | 2.0                   | 71,212                           | M                           | M                 | M                |    |
| Decatur, NE  | 691.0                               | 1010.0              | 35                 | 29.5                | 1.2                   | 76,593                           |                             |                   |                  |    |
| Blair, NE  | 648.0                               | 977.3               | 26.5               | 23.7                | 1.9                   |                                  |                             |                   |                  |    |
| Omaha, NE  | 616.0                               | 948.2               | 29                 | 25.0                | 2.0                   | 88,060                           | M                           | M                 | M                |    |
| Nebraska City, NE                                      | 563.0                               | 905.4               | 18                 | 19.5                | 2.8                   | 93,868                           |                             |                   |                  |    |
| Brownville, NE   | 535.0                               | 860.0               | 33                 | 36.7                | 3.8                   |                                  |                             |                   |                  |    |
| Rulo, NE   | 498.0                               | 837.2               | 17                 | 19.6                | 3.6                   | 105,133                          |                             |                   |                  |    |
| St. Joseph, MO   | 448.0                               | 788.2               | 17                 | 18.5                | 3.6                   | 109,845                          | M                           | M                 | M                |    |
| Kansas City, MO  | 366.0                               | 706.4               | 32                 | 21.1                | 2.2                   | 121,661                          | M                           | M                 | M                |    |
| Waverly, MO  | 293.0                               | 646.0               | 20M                |                     | -18.4                 | 126,639                          |                             |                   |                  |    |
| Glasgow, MO  | 226.0                               | 586.1               | 25                 | 22.0                | 3.0                   |                                  |                             |                   |                  |    |
| Boonville, MO  | 197.0                               | 565.4               | 21                 | 18.3                | 3.3                   | 137,906                          |                             |                   |                  |    |
| Jefferson City, MO                                     | 144.0                               | 520.1               | 23                 | 17.6                | 3.4                   |                                  |                             |                   |                  |    |
| Hermann, MO  | 98.0                                | 481.6               | 21                 | 18.2                | 4.5                   | 170,282                          |                             |                   |                  |    |
| St. Charles, MO  | 28.0                                | 413.7               | 25                 | 22.3                | 5.3                   |                                  | M                           | M                 | M                |    |
| <b>Mississippi River</b>                               |                                     |                     |                    |                     |                       |                                  |                             |                   |                  |    |
| St. Louis, MO  | 1144.0                              | 379.9               | 30                 | 30.9                | 8.0                   | 535,072                          | M                           | M                 | M                |    |