



US Army Corps  
of Engineers  
Northwestern Division

# U.S. Army Corps of Engineers

## Missouri River Basin

### Yearly River Bulletin

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| STATION   | Miles above Missouri R Mouth (1960) | Elev Datum (ft msl) | Flood Stage (feet) | Gage Reading (feet) | Yearly 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                              |                     |                    | 2240.2              | 4.2                  |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Garrison  | 1389.9                              |                     |                    | 1846.0              | 3.9                  |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Oahe  | 1072.3                              |                     |                    | 1610.2              | -2.1                 |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Big Bend  | 987.4                               |                     |                    | 1420.5              | -0.3                 |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Fort Randall  | 880.0                               |                     |                    | 1354.7              | -1.5                 |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Gavins Point  | 811.1                               |                     |                    | 1206.2              | -0.2                 |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="text-align: center;">M</td> <td style="text-align: center;">System Storage</td> <td style="text-align: center;">KAF</td> </tr> <tr> <td></td> <td style="text-align: center;">Storage Change</td> <td style="text-align: center;">KAF</td> </tr> <tr> <td></td> <td style="text-align: center;">Daily Generation</td> <td style="text-align: center;">Mwh</td> </tr> </table> |                                     |                     |                    |                     |                      |                                  |                             |                   |                  |    | M | System Storage | KAF |  | Storage Change | KAF |  | Daily Generation | Mwh |
| M   | System Storage                      | KAF                 |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
|   | Storage Change                      | KAF                 |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
|   | Daily Generation                    | Mwh                 |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| <b>Selected Tributary Reservoirs as of Midnight</b>   |                                     |                     |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Clark Canyon  | 2483.9                              |                     |                    |                     | M                    | -5530.6                          | MM                          |                   | M                |    |   |                |     |  |                |     |  |                  |     |
| Canyon Ferry  | 2252.8                              |                     |                    |                     | M                    | -3796.9                          | MM                          |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Tiber   | 80.4                                |                     |                    |                     | M                    | -2987.5                          | MM                          |                   | M                |    |   |                |     |  |                |     |  |                  |     |
| Fresno  | 437.3                               |                     |                    |                     | M                    | -2573.9                          | MM                          |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Boysen  | 0.0                                 |                     |                    |                     | M                    | -4724.5                          | MM                          |                   | M                |    |   |                |     |  |                |     |  |                  |     |
| Buffalo Bill  | 0.0                                 |                     |                    |                     | M                    | -5390.8                          | MM                          |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Yellowtail  | 0.0                                 |                     |                    |                     | M                    | -3633.8                          | MM                          |                   | M                |    |   |                |     |  |                |     |  |                  |     |
| Heart Butte   | 0.0                                 |                     |                    |                     | M                    | -2063.3                          | MM                          |                   | M                |    |   |                |     |  |                |     |  |                  |     |
| Bowman-Haley  | 0.0                                 |                     |                    | 2751.6              |                      | 0.3                              | M                           | 13                |                  |    |   |                |     |  |                |     |  |                  |     |
| Shadehill   | 0.0                                 |                     |                    |                     | M                    | -2265.4                          | MM                          |                   | M                |    |   |                |     |  |                |     |  |                  |     |
| Keyhole   | 0.0                                 |                     |                    |                     | M                    | -4096.4                          | MM                          |                   | M                |    |   |                |     |  |                |     |  |                  |     |
| Pactola   | 0.0                                 |                     |                    |                     | M                    | -4578.9                          | MM                          |                   | M                |    |   |                |     |  |                |     |  |                  |     |
| Jamestown   | 0.0                                 |                     |                    |                     | M                    | -1431.0                          | MM                          |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Pipestem  | 0.0                                 |                     |                    | 1462.8              |                      | 15.8                             | M                           | 38                |                  |    |   |                |     |  |                |     |  |                  |     |
| <b>Selected River Gaging Stations as of 6:00 A.M.</b>   |                                     |                     |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| <b>Yellowstone River</b>  |                                     |                     |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Corwin Springs, MT  | 2113.0                              | 5079.1              | 11                 | 6.6                 | 2.6                  | 12,260                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Livingston, MT  | 2063.0                              | 4542.5              | 9.5                | 7.0                 | 2.5                  | 10,884                           |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| Billings, MT  | 1928.0                              | 3081.4              | 13.5               | 8.0                 | 3.1                  | 23,192                           |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| Miles City, MT  | 1763.0                              | 2330.2              | 13                 | 8.7                 | 3.9                  | 34,609                           |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| Sidney, MT  | 1612.0                              | 1881.3              | 19                 | 11.5                | 5.3                  | 38,098                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| <b>Missouri River</b>   |                                     |                     |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Fort Benton, MT   | 2073.0                              | 2614.1              | 13                 |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Virgelle, MT  | 2033.0                              | 2507.5              | 17                 | 5.3                 | 2.0                  | 11,882                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Robinson Bridge, MT   | 1922.0                              | 2240.0              | 25                 | 16.9                | 2.8                  | 12,213                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Wolf Point, MT  | 1701.0                              | 1958.6              | 23                 | 12.2                | -0.1                 | 10,021                           |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| Culbertson, MT  | 1621.0                              | 1883.4              | 19                 | 4.0                 | -0.8                 | 9,323                            |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Washburn, ND  | 1355.0                              | 1640.0              | 22                 | 12.5                | 2.3                  | M                                |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| Bismarck, ND  | 1315.0                              | 1618.3              | 14.5               | 8.8                 | 3.3                  | 35,707                           |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| <b>Platte River</b>   |                                     |                     |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| North Bend, NE  | 73.0                                | 1262.3              | 8                  | 2.8                 | -1.3                 | 1,290                            |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Louisville, NE  | 17.0                                | 1007.1              | 9                  | 3.4                 | -1.1                 | 5,927                            |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| <b>Kansas River</b>   |                                     |                     |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Wamego, KS  | 127.0                               | 950.8               | 19                 | 6.2                 | 1.5                  | 5,480                            |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Lecompton, KS   | 65.0                                | 821.8               | 17                 | 4.8                 | 1.3                  | 6,430                            |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Desoto, KS  | 30.0                                | 753.8               | 26                 | 7.6                 | 0.9                  | 7,060                            |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| <b>Missouri River</b>   |                                     |                     |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Yankton, SD   | 806.0                               | 1139.7              | 20                 | 12.6                | 1.2                  | 34,260                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Ponca, NE   | 751.0                               | 1080.0              | 24                 | 12.6                | 1.4                  |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Sioux City, IA  | 732.0                               | 1057.0              | 30                 | 14.8                | 1.9                  | 37,520                           |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| Decatur, NE   | 691.0                               | 1010.0              | 35                 | 23.2                | 1.4                  | 38,420                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Blair, NE   | 648.0                               | 977.3               | 26.5               | 17.8                | 1.5                  |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Omaha, NE   | 616.0                               | 948.2               | 29                 | 17.8                | 0.5                  | 41,684                           |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| Nebraska City, NE   | 563.0                               | 905.4               | 18                 | 12.2                | -0.9                 | 50,168                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Brownville, NE  | 535.0                               | 860.0               | 33                 | 28.3                | -0.9                 |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Rulo, NE  | 498.0                               | 837.2               | 17                 | 11.7                | -1.0                 | 52,964                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| St. Joseph, MO  | 448.0                               | 788.2               | 17                 | 10.9                | -1.5                 | 56,852                           |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| Kansas City, MO   | 366.0                               | 706.4               | 32                 | 13.8                | -0.9                 | 64,593                           |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| Waverly, MO   | 293.0                               | 646.0               | 20                 | 14.8                | -0.4                 | 68,217                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Glasgow, MO   | 226.0                               | 586.1               | 25                 | 15.5                | -0.7                 |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Boonville, MO   | 197.0                               | 565.4               | 21                 | 11.6                | -0.8                 | 73,354                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Jefferson City, MO  | 144.0                               | 520.1               | 23                 | 11.0                | -1.1                 |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| Hermann, MO   | 98.0                                | 481.6               | 21                 | 11.4                | -0.7                 | 89,312                           |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| St. Charles, MO   | 28.0                                | 413.7               | 25                 | 16.2                | -0.1                 |                                  |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |
| <b>Mississippi River</b>  |                                     |                     |                    |                     |                      |                                  |                             |                   |                  |    |   |                |     |  |                |     |  |                  |     |
| St. Louis, MO   | 1144.0                              | 379.9               | 30                 | 17.2                | -0.6                 | 273,128                          |                             | M                 | M                | M  |   |                |     |  |                |     |  |                  |     |