

Missouri River below Gavins Point Dam Forecast

** All flows in 1000 cfs **

as of: 6/17/2018

| date | <u>GAPT</u> | <u>AKIA</u> | <u>SUX</u> | <u>DENE</u> | <u>TUIA</u> | <u>OMA</u> | <u>GRNE</u> | <u>WTNE</u> | <u>LUNE</u> | <u>NCNE</u> | |
|------|-------------|-------------|------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|----------|
| 6/14 | 44.0 | 2.8 | 50.0 | 50.4 | 3.1 | 56.9 | 0.9 | 3.2 | 10.4 | 65.5 | |
| 6/15 | 44.0 | 2.8 | 49.6 | 50.2 | 3.0 | 55.8 | 0.6 | 3.0 | 9.1 | 63.2 | |
| 6/16 | 44.0 | 3.6 | 49.9 | 50.1 | 3.2 | 55.5 | 0.6 | 2.8 | 8.0 | 62.3 | |
| 6/17 | 44.0 | 4.5 | 51.4 | 51.0 | 5.8 | 56.0 | 0.5 | 2.7 | 7.1 | 61.8 | Observed |
| 6/18 | 44.0 | 4.3 | 52.0 | 52.5 | 6.2 | 59.6 | 0.4 | 2.5 | 8.0 | 64.0 | Forecast |
| 6/19 | 44.0 | 3.7 | 51.9 | 53.4 | 5.7 | 60.9 | 0.4 | 2.4 | 7.5 | 65.8 | |
| 6/20 | 44.0 | 3.5 | 51.1 | 53.6 | 5.2 | 60.9 | 0.4 | 2.3 | 7.1 | 65.8 | |
| 6/21 | 44.0 | 3.3 | 50.6 | 52.6 | 4.7 | 59.6 | 0.4 | 2.3 | 6.8 | 64.7 | |
| 6/22 | 44.0 | 3.1 | 50.3 | 51.8 | 4.5 | 58.3 | 0.3 | 2.3 | 6.5 | 63.1 | |
| 6/23 | 44.0 | 3.0 | 50.0 | 51.2 | 4.3 | 57.4 | 0.3 | 2.2 | 6.4 | 62.0 | |
| 6/24 | 44.0 | 2.9 | 49.8 | 50.8 | 4.0 | 56.6 | 0.3 | 2.2 | 6.2 | 61.1 | |
| 6/25 | 44.0 | 2.9 | 49.6 | 50.6 | 3.8 | 56.1 | 0.3 | 2.2 | 6.1 | 60.4 | |
| 6/26 | 44.0 | 2.8 | 49.5 | 50.4 | 3.6 | 55.6 | 0.3 | 2.2 | 6.0 | 59.9 | |
| 6/27 | 44.0 | 2.7 | 49.4 | 50.2 | 3.5 | 55.3 | 0.3 | 2.1 | 5.9 | 59.5 | |
| 6/28 | 44.0 | 2.7 | 49.3 | 50.1 | 3.4 | 55.0 | 0.3 | 2.1 | 5.8 | 59.1 | |
| 6/29 | 44.0 | 2.6 | 49.2 | 50.0 | 3.3 | 54.8 | 0.2 | 2.1 | 5.7 | 58.9 | |
| 6/30 | 44.0 | 2.5 | 49.1 | 49.8 | 3.2 | 54.5 | 0.2 | 2.1 | 5.6 | 58.6 | |
| 7/1 | 44.0 | 2.5 | 49.0 | 49.7 | 3.1 | 54.3 | 0.2 | 2.1 | 5.5 | 58.3 | |

| date | <u>HAIA</u> | <u>RUNE</u> | <u>STJ</u> | <u>SSMO</u> | <u>MKC</u> | <u>WVMO</u> | <u>SMNM</u> | <u>BNMO</u> | <u>BAGL</u> | <u>HEMO</u> | |
|------|-------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|----------|
| 6/14 | 4.0 | 74.0 | 81.1 | 0.5 | 89.4 | 86.4 | 3.1 | 79.0 | 2.5 | 79.2 | |
| 6/15 | 3.1 | 69.7 | 75.1 | 1.4 | 82.2 | 90.8 | 3.7 | 90.0 | 2.8 | 81.6 | |
| 6/16 | 2.6 | 66.8 | 71.4 | 0.9 | 76.5 | 84.1 | 2.4 | 94.8 | 2.5 | 88.7 | |
| 6/17 | 2.3 | 65.2 | 69.6 | 0.6 | 73.2 | 78.6 | 1.5 | 87.2 | 1.3 | 95.0 | Observed |
| 6/18 | 2.2 | 65.7 | 68.3 | 0.4 | 71.3 | 76.1 | 1.2 | 82.4 | 12.0 | 89.0 | Forecast |
| 6/19 | 2.1 | 68.6 | 70.3 | 0.4 | 71.7 | 74.8 | 1.1 | 79.7 | 3.0 | 84.4 | |
| 6/20 | 2.0 | 69.2 | 71.8 | 0.4 | 73.9 | 76.2 | 1.0 | 79.0 | 0.9 | 87.1 | |
| 6/21 | 2.0 | 68.5 | 71.5 | 0.3 | 74.3 | 77.7 | 0.9 | 80.6 | 0.9 | 83.8 | |
| 6/22 | 1.9 | 66.9 | 70.1 | 0.3 | 73.4 | 77.6 | 0.9 | 81.3 | 0.9 | 82.5 | |
| 6/23 | 1.9 | 65.3 | 68.4 | 0.3 | 71.7 | 76.3 | 0.9 | 80.6 | 0.9 | 82.2 | |
| 6/24 | 1.8 | 64.2 | 67.0 | 0.3 | 70.0 | 74.5 | 0.9 | 78.9 | 0.9 | 81.3 | |
| 6/25 | 1.8 | 63.4 | 65.9 | 0.3 | 68.7 | 72.9 | 0.8 | 77.1 | 0.9 | 79.8 | |
| 6/26 | 1.8 | 62.7 | 65.0 | 0.3 | 67.6 | 71.7 | 0.7 | 75.5 | 0.9 | 78.1 | |
| 6/27 | 1.7 | 62.1 | 64.3 | 0.3 | 66.7 | 70.6 | 0.7 | 74.1 | 0.9 | 76.6 | |
| 6/28 | 1.7 | 61.7 | 63.8 | 0.3 | 66.0 | 69.7 | 0.6 | 73.0 | 0.9 | 75.3 | |
| 6/29 | 1.7 | 61.3 | 63.3 | 0.3 | 65.4 | 69.0 | 0.6 | 72.1 | 0.9 | 74.2 | |
| 6/30 | 1.6 | 60.9 | 62.8 | 0.3 | 64.9 | 68.4 | 0.6 | 71.3 | 0.9 | 73.3 | |
| 7/1 | 1.6 | 60.6 | 62.4 | 0.3 | 64.5 | 67.9 | 0.6 | 70.7 | 0.9 | 72.6 | |

| Date | Results of Release for Date | | | | Service Level Exceeded | | | | Flood Targets: | | |
|------|-----------------------------|------|------|------|------------------------|------|------|------|------------------------|------|-------|
| | SUX | OMA | NCNE | MKC | SUX | OMA | NCNE | MKC | Full Service | | |
| 6/17 | 51.9 | 60.9 | 64.7 | 71.7 | 5.9 | 14.9 | 12.7 | 15.7 | OMA | NCNE | MKC |
| 6/18 | 51.1 | 59.6 | 63.1 | 70.0 | 5.1 | 13.6 | 11.1 | 14.0 | 56.0 | 62.0 | 86.0 |
| 6/19 | 50.6 | 58.3 | 62.0 | 68.7 | 4.6 | 12.3 | 10.0 | 12.7 | Minimum Service | | |
| 6/20 | 50.3 | 57.4 | 61.1 | 67.6 | 4.3 | 11.4 | 9.1 | 11.6 | OMA | NCNE | MKC |
| 6/21 | 50.0 | 56.6 | 60.4 | 66.7 | 4.0 | 10.6 | 8.4 | 10.7 | 61.0 | 72.0 | 116.0 |
| 6/22 | 49.8 | 56.1 | 59.9 | 66.0 | 3.8 | 10.1 | 7.9 | 10.0 | Current Service Level: | | |
| 6/23 | 49.6 | 55.6 | 59.5 | 65.4 | 3.6 | 9.6 | 7.5 | 9.4 | 50.0 | kcfs | |
| 6/24 | 49.5 | 55.3 | 59.1 | 64.9 | 3.5 | 9.3 | 7.1 | 8.9 | | | |
| 6/25 | 49.4 | 55.0 | 58.9 | 64.5 | 3.4 | 9.0 | 6.9 | 8.5 | | | |

This forecast is prepared by the Corps of Engineers Missouri River Basin Water Management Division for regulation of reservoir releases and is for internal use and not for general distribution.

The National Weather Service prepares and distributes river stage forecasts for the general public.

Missouri River below Gavins Point Dam Stage Forecast

** All stages in feet **

as of: 6/17/2018

| date | <u>SUX</u> | <u>DENE</u> | <u>OMA</u> | <u>NCNE</u> | <u>RUNE</u> | <u>STJ</u> | <u>MKC</u> | <u>WVMO</u> | <u>BNMO</u> | <u>HEMO</u> | |
|------|------------|-------------|------------|-------------|-------------|------------|------------|-------------|-------------|-------------|----------|
| 6/14 | 17.5 | 25.7 | 20.9 | 15.2 | 15.0 | 14.6 | 17.4 | 16.2 | 11.6 | 9.4 | |
| 6/15 | 17.5 | 25.7 | 20.6 | 14.8 | 14.4 | 13.7 | 16.4 | 16.7 | 12.9 | 9.7 | |
| 6/16 | 17.5 | 25.6 | 20.6 | 14.7 | 13.9 | 13.2 | 15.6 | 16.0 | 13.4 | 10.6 | |
| 6/17 | 17.8 | 25.8 | 20.7 | 14.6 | 13.6 | 12.9 | 15.1 | 15.4 | 12.6 | 11.4 | Observed |
| 6/18 | 18.0 | 26.1 | 21.4 | 15.0 | 13.7 | 12.7 | 14.8 | 15.1 | 12.0 | 10.7 | Forecast |
| 6/19 | 17.9 | 26.3 | 21.7 | 15.2 | 14.2 | 13.0 | 14.9 | 14.9 | 11.7 | 10.1 | |
| 6/20 | 17.8 | 26.3 | 21.6 | 15.3 | 14.3 | 13.2 | 15.2 | 15.1 | 11.6 | 10.4 | |
| 6/21 | 17.7 | 26.2 | 21.4 | 15.1 | 14.2 | 13.2 | 15.3 | 15.3 | 11.8 | 10.0 | |
| 6/22 | 17.6 | 26.0 | 21.2 | 14.8 | 13.9 | 13.0 | 15.1 | 15.2 | 11.9 | 9.9 | |
| 6/23 | 17.5 | 25.9 | 21.0 | 14.6 | 13.6 | 12.7 | 14.9 | 15.1 | 11.8 | 9.8 | |
| 6/24 | 17.5 | 25.8 | 20.8 | 14.5 | 13.5 | 12.5 | 14.6 | 14.9 | 11.6 | 9.7 | |
| 6/25 | 17.5 | 25.7 | 20.7 | 14.4 | 13.3 | 12.3 | 14.4 | 14.7 | 11.4 | 9.5 | |
| 6/26 | 17.4 | 25.7 | 20.6 | 14.3 | 13.2 | 12.2 | 14.3 | 14.5 | 11.2 | 9.3 | |
| 6/27 | 17.4 | 25.7 | 20.5 | 14.2 | 13.1 | 12.1 | 14.1 | 14.4 | 11.0 | 9.1 | |
| 6/28 | 17.4 | 25.6 | 20.4 | 14.1 | 13.0 | 12.0 | 14.0 | 14.3 | 10.9 | 8.9 | |
| 6/29 | 17.4 | 25.6 | 20.4 | 14.1 | 12.9 | 11.9 | 13.9 | 14.2 | 10.8 | 8.8 | |
| 6/30 | 17.4 | 25.6 | 20.3 | 14.1 | 12.9 | 11.8 | 13.8 | 14.1 | 10.6 | 8.6 | |
| 7/1 | 17.3 | 25.6 | 20.3 | 14.0 | 12.8 | 11.7 | 13.8 | 14.1 | 10.6 | 8.5 | |

| | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|
| Flood stages at the above stations are shown below | | | | | | | | | |
| 30.0 | 35.0 | 29.0 | 18.0 | 17.0 | 17.0 | 32.0 | 20.0 | 21.0 | 21.0 |