

Bridgeton Sanitary Landfill
Hourly Average Meteorological Data

| Date and Hour | Avg. Temp. (Degrees F) | Avg. Wind From (Directional Degrees) | Avg. Wind From (Cardinal Direction) | Avg. Wind Speed (Miles per Hour) | Avg. Relative Humidity (Percent) |
|----------------|---------------------------|-----------------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|
| 6/4/2015 12:00 | 69.07 | 148.00 | S | 2.41 | 86.26 |
| 6/4/2015 13:00 | 71.41 | 187.00 | S | 3.05 | 85.97 |
| 6/4/2015 14:00 | 71.89 | 229.00 | SW | 5.81 | 86.76 |
| 6/4/2015 15:00 | 73.88 | 243.00 | WSW | 3.81 | 80.18 |
| 6/4/2015 16:00 | 76.27 | 238.00 | WSW | 4.57 | 72.11 |
| 6/4/2015 17:00 | 77.78 | 185.00 | S | 3.26 | 68.08 |
| 6/4/2015 18:00 | 78.88 | 138.00 | SE | 1.63 | 65.50 |
| 6/4/2015 19:00 | 76.15 | 217.00 | SW | 4.74 | 71.89 |
| 6/4/2015 20:00 | 73.68 | 214.00 | SW | 2.85 | 79.47 |
| 6/4/2015 21:00 | 72.86 | 162.00 | S | 1.24 | 81.78 |
| 6/4/2015 22:00 | 72.07 | 140.00 | SE | 1.21 | 83.68 |
| 6/4/2015 23:00 | 70.35 | 131.00 | SE | 1.18 | 87.62 |
| 6/5/2015 0:00 | 69.25 | 119.00 | ESE | 1.40 | 89.24 |
| 6/5/2015 1:00 | 69.22 | 129.00 | SE | 1.13 | 89.23 |
| 6/5/2015 2:00 | 70.03 | 161.00 | S | 1.90 | 86.30 |
| 6/5/2015 3:00 | 70.84 | 176.00 | S | 2.40 | 84.00 |
| 6/5/2015 4:00 | 71.34 | 160.00 | S | 2.53 | 83.44 |
| 6/5/2015 5:00 | 70.20 | 165.00 | S | 3.78 | 87.90 |
| 6/5/2015 6:00 | 66.82 | 170.00 | S | 3.48 | 94.86 |
| 6/5/2015 7:00 | 67.81 | 209.00 | SSW | 4.81 | 94.98 |
| 6/5/2015 8:00 | 70.61 | 259.00 | W | 4.63 | 85.78 |
| 6/5/2015 9:00 | 73.74 | 272.00 | W | 4.78 | 74.47 |
| 6/5/2015 10:00 | 77.29 | 249.00 | WSW | 5.05 | 67.63 |
| 6/5/2015 11:00 | 79.58 | 275.00 | W | 5.79 | 59.29 |
| 6/5/2015 12:00 | 81.08 | 309.00 | NW | 5.49 | 55.18 |
| 6/5/2015 13:00 | 82.63 | 312.00 | NW | 6.03 | 52.15 |
| 6/5/2015 14:00 | 83.15 | 324.00 | NW | 5.72 | 51.27 |
| 6/5/2015 15:00 | 84.58 | 285.00 | WNW | 4.65 | 48.94 |
| 6/5/2015 16:00 | 84.97 | 306.00 | NW | 6.00 | 49.73 |
| 6/5/2015 17:00 | 84.44 | 291.00 | WNW | 5.28 | 50.82 |
| 6/5/2015 18:00 | 84.69 | 288.00 | WNW | 23.01 | 52.97 |
| 6/5/2015 19:00 | 82.62 | 218.00 | SW | 3.76 | 57.82 |
| 6/5/2015 20:00 | 79.97 | 140.00 | SE | 2.94 | 66.26 |
| 6/5/2015 21:00 | 77.32 | 114.00 | ESE | 1.34 | 73.63 |
| 6/5/2015 22:00 | 75.29 | 58.00 | ENE | 2.31 | 78.18 |
| 6/5/2015 23:00 | 74.89 | 59.00 | ENE | 3.36 | 77.46 |
| 6/6/2015 0:00 | 74.06 | 47.00 | NE | 4.37 | 71.67 |
| 6/6/2015 1:00 | 70.97 | 55.00 | NE | 6.30 | 68.68 |
| 6/6/2015 2:00 | 67.64 | 46.00 | NE | 5.51 | 70.37 |
| 6/6/2015 3:00 | 65.73 | 48.00 | NE | 4.66 | 73.67 |
| 6/6/2015 4:00 | 64.00 | 54.00 | NE | 4.11 | 75.79 |
| 6/6/2015 5:00 | 62.78 | 49.00 | NE | 2.96 | 78.49 |
| 6/6/2015 6:00 | 63.23 | 48.00 | NE | 4.37 | 76.62 |
| 6/6/2015 7:00 | 65.19 | 52.00 | NE | 5.63 | 71.50 |
| 6/6/2015 8:00 | 68.57 | 106.00 | ESE | 3.63 | 65.18 |

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|----------------|---------------------------|-----------------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|
| 6/6/2015 9:00 | 72.99 | 152.00 | S | 2.89 | 58.13 |
| 6/6/2015 10:00 | 72.99 | 190.00 | S | 5.02 | 61.10 |
| 6/6/2015 11:00 | 75.25 | 262.00 | W | 4.89 | 59.27 |
| 6/6/2015 12:00 | 77.92 | 243.00 | WSW | 5.06 | 55.74 |
| 6/6/2015 13:00 | 79.87 | 160.00 | S | 5.60 | 52.70 |
| 6/6/2015 14:00 | 82.04 | 164.00 | S | 5.99 | 49.56 |
| 6/6/2015 15:00 | 84.20 | 153.00 | S | 5.46 | 46.60 |
| 6/6/2015 16:00 | 86.52 | 152.00 | S | 3.82 | 44.58 |
| 6/6/2015 17:00 | 88.32 | 104.00 | ESE | 3.13 | 41.97 |
| 6/6/2015 18:00 | 85.32 | 60.00 | ENE | 2.50 | 47.22 |
| 6/6/2015 19:00 | 83.37 | 54.00 | NE | 1.95 | 53.07 |
| 6/6/2015 20:00 | 80.24 | 72.00 | ENE | 1.41 | 60.73 |
| 6/6/2015 21:00 | 77.84 | 88.00 | E | 0.91 | 65.71 |
| 6/6/2015 22:00 | 77.29 | 125.00 | SE | 1.09 | 66.11 |
| 6/6/2015 23:00 | 76.41 | 103.00 | ESE | 0.92 | 68.89 |
| 6/7/2015 0:00 | 74.99 | 87.00 | E | 0.88 | 72.68 |
| 6/7/2015 1:00 | 74.06 | 126.00 | SE | 0.95 | 75.10 |
| 6/7/2015 2:00 | 74.89 | 174.00 | S | 2.53 | 72.95 |
| 6/7/2015 3:00 | 74.22 | 189.00 | S | 2.51 | 75.85 |
| 6/7/2015 4:00 | 73.37 | 180.00 | S | 3.59 | 78.61 |
| 6/7/2015 5:00 | 73.14 | 181.00 | S | 4.36 | 79.15 |
| 6/7/2015 6:00 | 73.80 | 184.00 | S | 6.25 | 78.39 |
| 6/7/2015 7:00 | 76.84 | 191.00 | SSW | 6.04 | 73.18 |
| 6/7/2015 8:00 | 80.12 | 203.00 | SSW | 7.82 | 68.15 |
| 6/7/2015 9:00 | 82.26 | 209.00 | SSW | 8.08 | 64.31 |
| 6/7/2015 10:00 | 85.07 | 207.00 | SSW | 8.52 | 61.03 |
| 6/7/2015 11:00 | 86.97 | 219.00 | SW | 9.44 | 56.85 |
| 6/7/2015 12:00 | 88.59 | 205.00 | SSW | 8.25 | 54.16 |
| 6/7/2015 13:00 | 90.41 | 214.00 | SW | 9.44 | 49.67 |
| 6/7/2015 14:00 | 91.55 | 220.00 | SW | 10.37 | 47.03 |
| 6/7/2015 15:00 | 92.09 | 224.00 | SW | 12.26 | 43.84 |
| 6/7/2015 16:00 | 92.25 | 214.00 | SW | 12.35 | 43.57 |
| 6/7/2015 17:00 | 91.65 | 212.00 | SSW | 12.82 | 44.76 |
| 6/7/2015 18:00 | 90.46 | 214.00 | SW | 11.48 | 46.79 |
| 6/7/2015 19:00 | 88.24 | 205.00 | SSW | 9.25 | 51.68 |
| 6/7/2015 20:00 | 86.67 | 207.00 | SSW | 7.02 | 55.58 |
| 6/7/2015 21:00 | 85.38 | 197.00 | SSW | 4.89 | 58.38 |
| 6/7/2015 22:00 | 84.22 | 206.00 | SSW | 5.86 | 59.59 |
| 6/7/2015 23:00 | 82.00 | 168.00 | S | 6.99 | 63.54 |
| 6/8/2015 0:00 | 74.98 | 210.00 | SSW | 8.63 | 73.53 |
| 6/8/2015 1:00 | 69.62 | 167.00 | S | 4.29 | 93.54 |
| 6/8/2015 2:00 | 69.06 | 286.00 | WNW | 6.01 | 94.32 |
| 6/8/2015 3:00 | 69.09 | 271.00 | W | 25.92 | 92.93 |
| 6/8/2015 4:00 | 69.16 | 196.00 | SSW | 5.86 | 91.00 |
| 6/8/2015 5:00 | 69.48 | 211.00 | SSW | 5.12 | 89.26 |

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|----------------------|-----------------------------------|-------------------------------------------------|------------------------------------------------|---------------------------------------------|---------------------------------------------|
| 6/8/2015 6:00 | 70.05 | 285.00 | WNW | 3.62 | 88.13 |
| 6/8/2015 7:00 | 71.01 | 244.00 | WSW | 2.97 | 86.49 |
| 6/8/2015 8:00 | 71.85 | 234.00 | SW | 3.92 | 84.85 |
| 6/8/2015 9:00 | 72.91 | 256.00 | WSW | 4.02 | 82.03 |
| 6/8/2015 10:00 | 74.87 | 247.00 | WSW | 4.36 | 77.00 |
| 6/8/2015 11:00 | 76.35 | 264.00 | W | 4.39 | 73.46 |
| 6/8/2015 12:00 | 79.55 | 236.00 | WSW | 6.44 | 66.50 |