

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 7/30/2015 12:00 | 87.56 | 253.00 | WSW | 4.12 | 34.20 |
| 7/30/2015 13:00 | 88.76 | 288.00 | WNW | 5.05 | 30.68 |
| 7/30/2015 14:00 | 89.20 | 273.00 | W | 5.31 | 27.53 |
| 7/30/2015 15:00 | 90.60 | 306.00 | NW | 4.88 | 28.45 |
| 7/30/2015 16:00 | 89.54 | 306.00 | NW | 5.96 | 31.88 |
| 7/30/2015 17:00 | 87.91 | 312.00 | NW | 4.77 | 35.80 |
| 7/30/2015 18:00 | 88.14 | 323.00 | NW | 4.69 | 37.54 |
| 7/30/2015 19:00 | 86.30 | 312.00 | NW | 3.75 | 41.35 |
| 7/30/2015 20:00 | 84.12 | 296.00 | WNW | 3.27 | 45.53 |
| 7/30/2015 21:00 | 80.53 | 197.00 | SSW | 2.19 | 57.12 |
| 7/30/2015 22:00 | 77.82 | 214.00 | SW | 2.78 | 68.44 |
| 7/30/2015 23:00 | 76.45 | 223.00 | SW | 2.44 | 72.60 |
| 7/31/2015 0:00 | 76.17 | 230.00 | SW | 2.18 | 71.08 |
| 7/31/2015 1:00 | 74.56 | 194.00 | SSW | 1.09 | 75.20 |
| 7/31/2015 2:00 | 72.97 | 184.00 | S | 1.79 | 79.31 |
| 7/31/2015 3:00 | 71.79 | 211.00 | SSW | 0.94 | 82.45 |
| 7/31/2015 4:00 | 70.83 | 207.00 | SSW | 1.62 | 83.41 |
| 7/31/2015 5:00 | 72.03 | 265.00 | W | 2.48 | 76.88 |
| 7/31/2015 6:00 | 71.64 | 226.00 | SW | 2.14 | 78.15 |
| 7/31/2015 7:00 | 74.81 | 243.00 | WSW | 2.87 | 70.86 |
| 7/31/2015 8:00 | 79.34 | 301.00 | WNW | 4.51 | 59.05 |
| 7/31/2015 9:00 | 81.89 | 290.00 | WNW | 5.02 | 56.15 |
| 7/31/2015 10:00 | 84.58 | 310.00 | NW | 5.82 | 50.15 |
| 7/31/2015 11:00 | 86.80 | 278.00 | W | 5.87 | 46.63 |
| 7/31/2015 12:00 | 88.88 | 218.00 | SW | 5.15 | 43.14 |
| 7/31/2015 13:00 | 90.09 | 156.00 | S | 8.31 | 36.58 |
| 7/31/2015 14:00 | 91.00 | 219.00 | SW | 8.08 | 33.95 |
| 7/31/2015 15:00 | 92.54 | 273.00 | W | 5.95 | 30.38 |
| 7/31/2015 16:00 | 93.21 | 295.00 | WNW | 5.45 | 27.29 |
| 7/31/2015 17:00 | 93.21 | 307.00 | NW | 5.79 | 26.80 |
| 7/31/2015 18:00 | 91.77 | 129.00 | SE | 5.38 | 32.35 |
| 7/31/2015 19:00 | 89.70 | 78.00 | ENE | 3.53 | 38.00 |
| 7/31/2015 20:00 | 85.09 | 86.00 | E | 1.57 | 49.68 |
| 7/31/2015 21:00 | 81.24 | 86.00 | E | 1.82 | 56.15 |
| 7/31/2015 22:00 | 79.23 | 125.00 | SE | 0.85 | 61.43 |
| 7/31/2015 23:00 | 78.76 | 177.00 | S | 1.30 | 68.28 |
| 8/1/2015 0:00 | 77.73 | 155.00 | S | 1.37 | 71.97 |
| 8/1/2015 1:00 | 76.20 | 124.00 | SE | 1.07 | 75.33 |
| 8/1/2015 2:00 | 74.59 | 188.00 | S | 1.70 | 81.93 |
| 8/1/2015 3:00 | 73.71 | 193.00 | SSW | 1.45 | 81.13 |
| 8/1/2015 4:00 | 73.38 | 148.00 | S | 1.42 | 82.08 |
| 8/1/2015 5:00 | 72.20 | 108.00 | ESE | 0.89 | 85.02 |
| 8/1/2015 6:00 | 72.19 | 117.00 | ESE | 1.09 | 85.65 |
| 8/1/2015 7:00 | 74.14 | 87.00 | E | 1.37 | 79.03 |
| 8/1/2015 8:00 | 78.11 | 93.00 | E | 3.53 | 61.00 |

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|----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 8/1/2015 9:00 | 79.17 | 66.00 | ENE | 2.27 | 56.38 |
| 8/1/2015 10:00 | 82.96 | 131.00 | SE | 1.94 | 43.13 |
| 8/1/2015 11:00 | 87.76 | 129.00 | SE | 2.28 | 33.36 |
| 8/1/2015 12:00 | 88.81 | 169.00 | S | 3.31 | 31.62 |
| 8/1/2015 13:00 | 90.50 | 155.00 | S | 3.03 | 31.85 |
| 8/1/2015 14:00 | 91.07 | 154.00 | S | 2.90 | 34.10 |
| 8/1/2015 15:00 | 91.27 | 194.00 | SSW | 3.54 | 36.80 |
| 8/1/2015 16:00 | 90.64 | 235.00 | SW | 4.90 | 40.26 |
| 8/1/2015 17:00 | 90.42 | 230.00 | SW | 4.57 | 43.58 |
| 8/1/2015 18:00 | 87.90 | 202.00 | SSW | 2.56 | 49.43 |
| 8/1/2015 19:00 | 86.61 | 194.00 | SSW | 1.61 | 52.47 |
| 8/1/2015 20:00 | 85.15 | 185.00 | S | 1.27 | 57.33 |
| 8/1/2015 21:00 | 83.78 | 175.00 | S | 1.93 | 62.90 |
| 8/1/2015 22:00 | 82.68 | 179.00 | S | 2.13 | 66.53 |
| 8/1/2015 23:00 | 81.28 | 194.00 | SSW | 2.23 | 68.97 |
| 8/2/2015 0:00 | 80.05 | 179.00 | S | 3.63 | 71.18 |
| 8/2/2015 1:00 | 79.44 | 183.00 | S | 3.87 | 70.98 |
| 8/2/2015 2:00 | 78.41 | 179.00 | S | 4.15 | 74.83 |
| 8/2/2015 3:00 | 77.48 | 201.00 | SSW | 2.82 | 77.15 |
| 8/2/2015 4:00 | 75.72 | 208.00 | SSW | 2.85 | 78.67 |
| 8/2/2015 5:00 | 74.57 | 186.00 | S | 1.95 | 79.43 |
| 8/2/2015 6:00 | 74.90 | 171.00 | S | 2.55 | 77.88 |
| 8/2/2015 7:00 | 76.83 | 209.00 | SSW | 3.86 | 72.02 |
| 8/2/2015 8:00 | 80.27 | 214.00 | SW | 4.90 | 64.63 |
| 8/2/2015 9:00 | 83.82 | 227.00 | SW | 6.84 | 57.02 |
| 8/2/2015 10:00 | 86.58 | 225.00 | SW | 7.07 | 55.03 |
| 8/2/2015 11:00 | 88.48 | 222.00 | SW | 6.83 | 53.13 |
| 8/2/2015 12:00 | 90.18 | 218.00 | SW | 7.57 | 50.40 |
| 8/2/2015 13:00 | 91.31 | 227.00 | SW | 8.85 | 45.03 |
| 8/2/2015 14:00 | 92.72 | 246.00 | WSW | 7.53 | 42.03 |
| 8/2/2015 15:00 | 93.34 | 234.00 | SW | 8.60 | 40.72 |
| 8/2/2015 16:00 | 93.74 | 229.00 | SW | 8.03 | 40.28 |
| 8/2/2015 17:00 | 93.35 | 249.00 | WSW | 7.95 | 41.51 |
| 8/2/2015 18:00 | 92.12 | 233.00 | SW | 7.27 | 42.58 |
| 8/2/2015 19:00 | 89.96 | 216.00 | SW | 5.01 | 46.67 |
| 8/2/2015 20:00 | 86.59 | 208.00 | SSW | 3.80 | 52.18 |
| 8/2/2015 21:00 | 84.90 | 216.00 | SW | 4.23 | 53.64 |
| 8/2/2015 22:00 | 82.73 | 216.00 | SW | 3.39 | 60.68 |
| 8/2/2015 23:00 | 81.49 | 212.00 | SSW | 3.91 | 64.29 |
| 8/3/2015 0:00 | 81.60 | 224.00 | SW | 5.22 | 62.93 |
| 8/3/2015 1:00 | 80.24 | 217.00 | SW | 4.83 | 67.20 |
| 8/3/2015 2:00 | 79.42 | 226.00 | SW | 7.74 | 69.15 |
| 8/3/2015 3:00 | 78.47 | 224.00 | SW | 5.85 | 69.95 |
| 8/3/2015 4:00 | 78.70 | 252.00 | WSW | 4.16 | 65.93 |
| 8/3/2015 5:00 | 78.93 | 298.00 | WNW | 2.75 | 60.16 |

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|----------------------|-----------------------------------|---|--|---|---|
| 8/3/2015 6:00 | 77.47 | 202.00 | SSW | 2.77 | 64.97 |
| 8/3/2015 7:00 | 78.53 | 266.00 | W | 2.62 | 60.33 |
| 8/3/2015 8:00 | 81.74 | 221.00 | SW | 3.70 | 53.95 |
| 8/3/2015 9:00 | 85.74 | 262.00 | W | 3.11 | 42.71 |
| 8/3/2015 10:00 | 86.96 | 306.00 | NW | 5.34 | 39.14 |
| 8/3/2015 11:00 | 88.35 | 281.00 | W | 4.49 | 41.03 |
| 8/3/2015 12:00 | 88.77 | 291.00 | WNW | 6.32 | 41.65 |