

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 8/10/2017 12:00 | 84.46 | 128.00 | SE | 6.90 | 53.12 |
| 8/10/2017 13:00 | 85.57 | 113.00 | ESE | 6.79 | 50.98 |
| 8/10/2017 14:00 | 86.38 | 110.00 | ESE | 7.38 | 50.02 |
| 8/10/2017 15:00 | 88.16 | 105.00 | ESE | 6.53 | 45.10 |
| 8/10/2017 16:00 | 89.45 | 98.00 | E | 7.43 | 41.10 |
| 8/10/2017 17:00 | 87.93 | 92.00 | E | 8.62 | 43.43 |
| 8/10/2017 18:00 | 86.15 | 104.00 | ESE | 7.33 | 48.42 |
| 8/10/2017 19:00 | 82.86 | 104.00 | ESE | 5.53 | 57.20 |
| 8/10/2017 20:00 | 80.10 | 86.00 | E | 2.67 | 63.73 |
| 8/10/2017 21:00 | 78.87 | 79.00 | E | 2.76 | 65.67 |
| 8/10/2017 22:00 | 78.53 | 65.00 | ENE | 2.44 | 63.98 |
| 8/10/2017 23:00 | 77.23 | 72.00 | ENE | 3.80 | 66.33 |
| 8/11/2017 0:00 | 75.72 | 108.00 | ESE | 3.28 | 71.52 |
| 8/11/2017 1:00 | 72.99 | 256.00 | WSW | 6.88 | 71.95 |
| 8/11/2017 2:00 | 71.96 | 267.00 | W | 2.18 | 74.93 |
| 8/11/2017 3:00 | 71.03 | 254.00 | WSW | 2.01 | 77.77 |
| 8/11/2017 4:00 | 70.12 | 144.00 | SE | 1.73 | 83.58 |
| 8/11/2017 5:00 | 69.53 | 77.00 | ENE | 2.46 | 87.12 |
| 8/11/2017 6:00 | 70.13 | 87.00 | E | 4.17 | 85.88 |
| 8/11/2017 7:00 | 70.77 | 67.00 | ENE | 4.31 | 85.85 |
| 8/11/2017 8:00 | 71.63 | 81.00 | E | 4.29 | 84.82 |
| 8/11/2017 9:00 | 74.16 | 146.00 | SE | 3.50 | 79.13 |
| 8/11/2017 10:00 | 76.03 | 211.00 | SSW | 7.12 | 73.97 |
| 8/11/2017 11:00 | 76.62 | 214.00 | SW | 6.45 | 71.77 |
| 8/11/2017 12:00 | 78.96 | 214.00 | SW | 6.91 | 65.92 |
| 8/11/2017 13:00 | 80.40 | 211.00 | SSW | 5.91 | 61.98 |
| 8/11/2017 14:00 | 81.08 | 230.00 | SW | 7.00 | 60.28 |
| 8/11/2017 15:00 | 81.06 | 238.00 | WSW | 7.25 | 59.18 |
| 8/11/2017 16:00 | 83.00 | 236.00 | WSW | 8.88 | 52.57 |
| 8/11/2017 17:00 | 83.15 | 240.00 | WSW | 8.27 | 49.67 |
| 8/11/2017 18:00 | 81.81 | 247.00 | WSW | 8.39 | 51.93 |
| 8/11/2017 19:00 | 79.54 | 244.00 | WSW | 6.29 | 54.12 |
| 8/11/2017 20:00 | 76.57 | 244.00 | WSW | 3.72 | 61.35 |
| 8/11/2017 21:00 | 73.78 | 267.00 | W | 3.33 | 66.33 |
| 8/11/2017 22:00 | 71.52 | 254.00 | WSW | 3.94 | 69.95 |
| 8/11/2017 23:00 | 69.43 | 261.00 | W | 4.22 | 74.03 |
| 8/12/2017 0:00 | 67.45 | 266.00 | W | 2.74 | 77.45 |
| 8/12/2017 1:00 | 66.01 | 272.00 | W | 2.20 | 79.82 |
| 8/12/2017 2:00 | 64.33 | 292.00 | WNW | 1.31 | 84.03 |
| 8/12/2017 3:00 | 64.04 | 236.00 | WSW | 2.75 | 84.72 |
| 8/12/2017 4:00 | 62.95 | 261.00 | W | 2.55 | 86.73 |
| 8/12/2017 5:00 | 62.32 | 235.00 | SW | 1.95 | 86.88 |
| 8/12/2017 6:00 | 61.63 | 250.00 | WSW | 1.58 | 87.32 |
| 8/12/2017 7:00 | 63.79 | 241.00 | WSW | 4.22 | 80.90 |
| 8/12/2017 8:00 | 67.24 | 246.00 | WSW | 5.67 | 71.43 |

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|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 8/12/2017 9:00 | 71.01 | 254.00 | WSW | 7.03 | 61.80 |
| 8/12/2017 10:00 | 73.84 | 268.00 | W | 8.23 | 52.87 |
| 8/12/2017 11:00 | 75.30 | 268.00 | W | 7.69 | 47.42 |
| 8/12/2017 12:00 | 77.01 | 257.00 | WSW | 7.69 | 43.17 |
| 8/12/2017 13:00 | 78.40 | 253.00 | WSW | 6.73 | 39.40 |
| 8/12/2017 14:00 | 78.73 | 255.00 | WSW | 6.00 | 38.13 |
| 8/12/2017 15:00 | 79.42 | 232.00 | SW | 7.15 | 38.55 |
| 8/12/2017 16:00 | 79.59 | 223.00 | SW | 7.20 | 38.88 |
| 8/12/2017 17:00 | 79.48 | 242.00 | WSW | 6.45 | 38.30 |
| 8/12/2017 18:00 | 78.30 | 252.00 | WSW | 5.72 | 39.42 |
| 8/12/2017 19:00 | 77.30 | 251.00 | WSW | 3.85 | 42.78 |
| 8/12/2017 20:00 | 73.25 | 302.00 | WNW | 1.45 | 52.43 |
| 8/12/2017 21:00 | 69.88 | 304.00 | NW | 1.69 | 59.03 |
| 8/12/2017 22:00 | 67.59 | 306.00 | NW | 1.69 | 64.98 |
| 8/12/2017 23:00 | 65.82 | 314.00 | NW | 1.39 | 70.33 |
| 8/13/2017 0:00 | 64.85 | 315.00 | NW | 1.40 | 74.07 |
| 8/13/2017 1:00 | 63.80 | 245.00 | WSW | 1.58 | 77.67 |
| 8/13/2017 2:00 | 62.72 | 301.00 | WNW | 1.68 | 82.45 |
| 8/13/2017 3:00 | 61.91 | 277.00 | W | 1.68 | 85.30 |
| 8/13/2017 4:00 | 61.21 | 285.00 | WNW | 1.65 | 87.25 |
| 8/13/2017 5:00 | 60.56 | 301.00 | WNW | 1.41 | 88.48 |
| 8/13/2017 6:00 | 60.02 | 268.00 | W | 1.48 | 87.37 |
| 8/13/2017 7:00 | 62.62 | 283.00 | WNW | 1.77 | 79.55 |
| 8/13/2017 8:00 | 70.30 | 258.00 | WSW | 1.80 | 61.15 |
| 8/13/2017 9:00 | 75.37 | 161.00 | S | 2.29 | 50.27 |
| 8/13/2017 10:00 | 78.58 | 140.00 | SE | 3.02 | 41.17 |
| 8/13/2017 11:00 | 79.83 | 155.00 | S | 3.32 | 37.97 |
| 8/13/2017 12:00 | 81.04 | 198.00 | SSW | 3.01 | 35.88 |
| 8/13/2017 13:00 | 83.03 | 130.00 | SE | 4.18 | 32.67 |
| 8/13/2017 14:00 | 84.17 | 137.00 | SE | 3.52 | 30.28 |
| 8/13/2017 15:00 | 84.20 | 123.00 | ESE | 3.47 | 30.70 |
| 8/13/2017 16:00 | 83.44 | 183.00 | S | 3.87 | 33.80 |
| 8/13/2017 17:00 | 80.28 | 295.00 | WNW | 6.44 | 42.72 |
| 8/13/2017 18:00 | 78.69 | 293.00 | WNW | 5.36 | 45.18 |
| 8/13/2017 19:00 | 77.45 | 294.00 | WNW | 3.42 | 47.65 |
| 8/13/2017 20:00 | 75.84 | 257.00 | WSW | 1.79 | 51.33 |
| 8/13/2017 21:00 | 74.48 | 245.00 | WSW | 1.83 | 54.55 |
| 8/13/2017 22:00 | 73.56 | 239.00 | WSW | 1.42 | 57.07 |
| 8/13/2017 23:00 | 73.25 | 161.00 | S | 1.21 | 56.72 |
| 8/14/2017 0:00 | 73.35 | 239.00 | WSW | 1.60 | 57.25 |
| 8/14/2017 1:00 | 73.21 | 88.00 | E | 2.12 | 57.12 |
| 8/14/2017 2:00 | 73.10 | 196.00 | SSW | 1.29 | 59.15 |
| 8/14/2017 3:00 | 73.19 | 131.00 | SE | 1.05 | 61.23 |
| 8/14/2017 4:00 | 72.56 | 92.00 | E | 3.20 | 66.78 |
| 8/14/2017 5:00 | 68.85 | 65.00 | ENE | 2.35 | 85.85 |

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|----------------------|-----------------------------------|---|--|---|---|
| 8/14/2017 6:00 | 69.53 | 61.00 | ENE | 2.78 | 85.45 |
| 8/14/2017 7:00 | 70.29 | 101.00 | ESE | 2.62 | 81.50 |
| 8/14/2017 8:00 | 73.61 | 101.00 | ESE | 2.17 | 73.57 |
| 8/14/2017 9:00 | 76.88 | 60.00 | ENE | 4.66 | 64.02 |
| 8/14/2017 10:00 | 78.18 | 61.00 | ENE | 4.43 | 59.88 |
| 8/14/2017 11:00 | 80.97 | 87.00 | E | 3.73 | 56.32 |