

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 3/30/2017 12:00 | 58.90 | 106.00 | ESE | 6.79 | 83.83 |
| 3/30/2017 13:00 | 59.14 | 103.00 | ESE | 5.06 | 88.92 |
| 3/30/2017 14:00 | 59.72 | 164.00 | S | 8.15 | 79.92 |
| 3/30/2017 15:00 | 61.58 | 153.00 | S | 8.61 | 66.25 |
| 3/30/2017 16:00 | 61.01 | 140.00 | SE | 8.24 | 59.27 |
| 3/30/2017 17:00 | 60.01 | 140.00 | SE | 9.06 | 57.97 |
| 3/30/2017 18:00 | 58.60 | 133.00 | SE | 9.27 | 58.08 |
| 3/30/2017 19:00 | 55.06 | 126.00 | SE | 7.33 | 63.75 |
| 3/30/2017 20:00 | 53.96 | 130.00 | SE | 6.49 | 66.25 |
| 3/30/2017 21:00 | 53.45 | 121.00 | ESE | 6.11 | 69.83 |
| 3/30/2017 22:00 | 53.20 | 136.00 | SE | 5.19 | 71.33 |
| 3/30/2017 23:00 | 52.70 | 115.00 | ESE | 5.17 | 73.75 |
| 3/31/2017 0:00 | 50.42 | 116.00 | ESE | 6.50 | 85.18 |
| 3/31/2017 1:00 | 49.65 | 114.00 | ESE | 6.10 | 89.88 |
| 3/31/2017 2:00 | 48.97 | 167.00 | S | 7.92 | 90.62 |
| 3/31/2017 3:00 | 46.94 | 181.00 | S | 9.52 | 86.10 |
| 3/31/2017 4:00 | 45.78 | 176.00 | S | 9.80 | 85.02 |
| 3/31/2017 5:00 | 44.93 | 180.00 | S | 9.68 | 88.80 |
| 3/31/2017 6:00 | 44.81 | 181.00 | S | 9.30 | 86.47 |
| 3/31/2017 7:00 | 44.90 | 182.00 | S | 9.97 | 83.58 |
| 3/31/2017 8:00 | 45.02 | 190.00 | S | 9.74 | 81.45 |
| 3/31/2017 9:00 | 45.19 | 191.00 | SSW | 9.29 | 81.22 |
| 3/31/2017 10:00 | 45.42 | 201.00 | SSW | 9.33 | 79.55 |
| 3/31/2017 11:00 | 46.76 | 190.00 | S | 8.42 | 74.90 |
| 3/31/2017 12:00 | 47.28 | 178.00 | S | 8.03 | 75.48 |
| 3/31/2017 13:00 | 48.45 | 179.00 | S | 8.32 | 72.52 |
| 3/31/2017 14:00 | 48.33 | 188.00 | S | 8.13 | 74.77 |
| 3/31/2017 15:00 | 48.57 | 196.00 | SSW | 8.31 | 73.13 |
| 3/31/2017 16:00 | 48.60 | 185.00 | S | 7.55 | 72.70 |
| 3/31/2017 17:00 | 47.66 | 208.00 | SSW | 9.28 | 74.92 |
| 3/31/2017 18:00 | 47.03 | 214.00 | SW | 8.76 | 73.87 |
| 3/31/2017 19:00 | 46.50 | 214.00 | SW | 6.85 | 74.97 |
| 3/31/2017 20:00 | 45.97 | 236.00 | WSW | 6.99 | 75.12 |
| 3/31/2017 21:00 | 45.29 | 240.00 | WSW | 7.07 | 76.23 |
| 3/31/2017 22:00 | 44.69 | 239.00 | WSW | 6.83 | 76.62 |
| 3/31/2017 23:00 | 44.02 | 251.00 | WSW | 6.86 | 77.33 |
| 4/1/2017 0:00 | 43.60 | 256.00 | WSW | 5.61 | 77.07 |
| 4/1/2017 1:00 | 43.57 | 234.00 | SW | 4.06 | 77.20 |
| 4/1/2017 2:00 | 43.40 | 250.00 | WSW | 5.00 | 78.71 |
| 4/1/2017 3:00 | 42.76 | 270.00 | W | 5.32 | 78.51 |
| 4/1/2017 4:00 | 42.68 | 234.00 | SW | 4.05 | 78.75 |
| 4/1/2017 5:00 | 42.69 | 247.00 | WSW | 3.93 | 79.95 |
| 4/1/2017 6:00 | 41.26 | 251.00 | WSW | 2.30 | 83.98 |
| 4/1/2017 7:00 | 41.16 | 297.00 | WNW | 1.54 | 83.85 |
| 4/1/2017 8:00 | 44.14 | 267.00 | W | 5.40 | 74.02 |

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|----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 4/1/2017 9:00 | 46.51 | 264.00 | W | 6.49 | 66.58 |
| 4/1/2017 10:00 | 49.09 | 260.00 | W | 7.05 | 60.38 |
| 4/1/2017 11:00 | 51.27 | 240.00 | WSW | 5.20 | 55.60 |
| 4/1/2017 12:00 | 53.60 | 222.00 | SW | 5.26 | 52.50 |
| 4/1/2017 13:00 | 55.12 | 246.00 | WSW | 6.44 | 51.58 |
| 4/1/2017 14:00 | 57.67 | 224.00 | SW | 5.17 | 47.38 |
| 4/1/2017 15:00 | 59.96 | 287.00 | WNW | 4.97 | 44.40 |
| 4/1/2017 16:00 | 60.50 | 269.00 | W | 4.72 | 44.70 |
| 4/1/2017 17:00 | 60.43 | 262.00 | W | 4.08 | 46.93 |
| 4/1/2017 18:00 | 59.16 | 262.00 | W | 4.09 | 50.62 |
| 4/1/2017 19:00 | 55.63 | 291.00 | WNW | 3.06 | 58.42 |
| 4/1/2017 20:00 | 53.29 | 304.00 | NW | 2.76 | 63.87 |
| 4/1/2017 21:00 | 52.01 | 300.00 | WNW | 2.50 | 67.58 |
| 4/1/2017 22:00 | 51.13 | 264.00 | W | 1.66 | 69.62 |
| 4/1/2017 23:00 | 50.62 | 237.00 | WSW | 2.38 | 70.17 |
| 4/2/2017 0:00 | 50.85 | 227.00 | SW | 3.00 | 67.43 |
| 4/2/2017 1:00 | 50.68 | 198.00 | SSW | 2.86 | 67.17 |
| 4/2/2017 2:00 | 50.26 | 123.00 | ESE | 3.13 | 68.23 |
| 4/2/2017 3:00 | 49.74 | 151.00 | S | 3.72 | 68.13 |
| 4/2/2017 4:00 | 49.15 | 68.00 | ENE | 3.30 | 69.60 |
| 4/2/2017 5:00 | 48.25 | 96.00 | E | 3.75 | 72.42 |
| 4/2/2017 6:00 | 47.09 | 205.00 | SSW | 3.04 | 75.43 |
| 4/2/2017 7:00 | 46.73 | 278.00 | W | 3.23 | 77.40 |
| 4/2/2017 8:00 | 49.32 | 186.00 | S | 4.35 | 71.32 |
| 4/2/2017 9:00 | 52.98 | 92.00 | E | 4.65 | 62.95 |
| 4/2/2017 10:00 | 56.13 | 134.00 | SE | 4.31 | 57.38 |
| 4/2/2017 11:00 | 58.72 | 122.00 | ESE | 4.85 | 53.27 |
| 4/2/2017 12:00 | 61.13 | 124.00 | SE | 4.87 | 50.15 |
| 4/2/2017 13:00 | 63.50 | 162.00 | S | 6.18 | 47.47 |
| 4/2/2017 14:00 | 65.97 | 149.00 | S | 5.40 | 45.12 |
| 4/2/2017 15:00 | 68.36 | 112.00 | ESE | 5.98 | 42.98 |
| 4/2/2017 16:00 | 69.05 | 92.00 | E | 6.26 | 44.12 |
| 4/2/2017 17:00 | 68.20 | 202.00 | SSW | 4.68 | 47.13 |
| 4/2/2017 18:00 | 66.20 | 295.00 | WNW | 3.37 | 52.02 |
| 4/2/2017 19:00 | 64.08 | 280.00 | W | 2.78 | 56.52 |
| 4/2/2017 20:00 | 62.63 | 274.00 | W | 3.27 | 59.98 |
| 4/2/2017 21:00 | 62.10 | 240.00 | WSW | 4.76 | 59.88 |
| 4/2/2017 22:00 | 61.60 | 146.00 | SE | 5.18 | 61.30 |
| 4/2/2017 23:00 | 59.21 | 136.00 | SE | 3.81 | 71.60 |
| 4/3/2017 0:00 | 58.41 | 201.00 | SSW | 2.60 | 75.18 |
| 4/3/2017 1:00 | 58.71 | 149.00 | S | 2.45 | 72.88 |
| 4/3/2017 2:00 | 58.77 | 210.00 | SSW | 2.89 | 71.52 |
| 4/3/2017 3:00 | 58.35 | 263.00 | W | 3.25 | 71.63 |
| 4/3/2017 4:00 | 57.51 | 212.00 | SSW | 2.91 | 71.93 |
| 4/3/2017 5:00 | 57.46 | 186.00 | S | 2.60 | 71.57 |

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|----------------------|-----------------------------------|---|--|---|---|
| 4/3/2017 6:00 | 58.27 | 108.00 | ESE | 3.77 | 69.72 |
| 4/3/2017 7:00 | 56.31 | 220.00 | SW | 1.73 | 84.67 |
| 4/3/2017 8:00 | 57.56 | 234.00 | SW | 2.25 | 82.10 |
| 4/3/2017 9:00 | 59.06 | 79.00 | E | 3.03 | 81.30 |
| 4/3/2017 10:00 | 61.37 | 62.00 | ENE | 6.08 | 81.38 |
| 4/3/2017 11:00 | 63.55 | 60.00 | ENE | 7.18 | 80.88 |