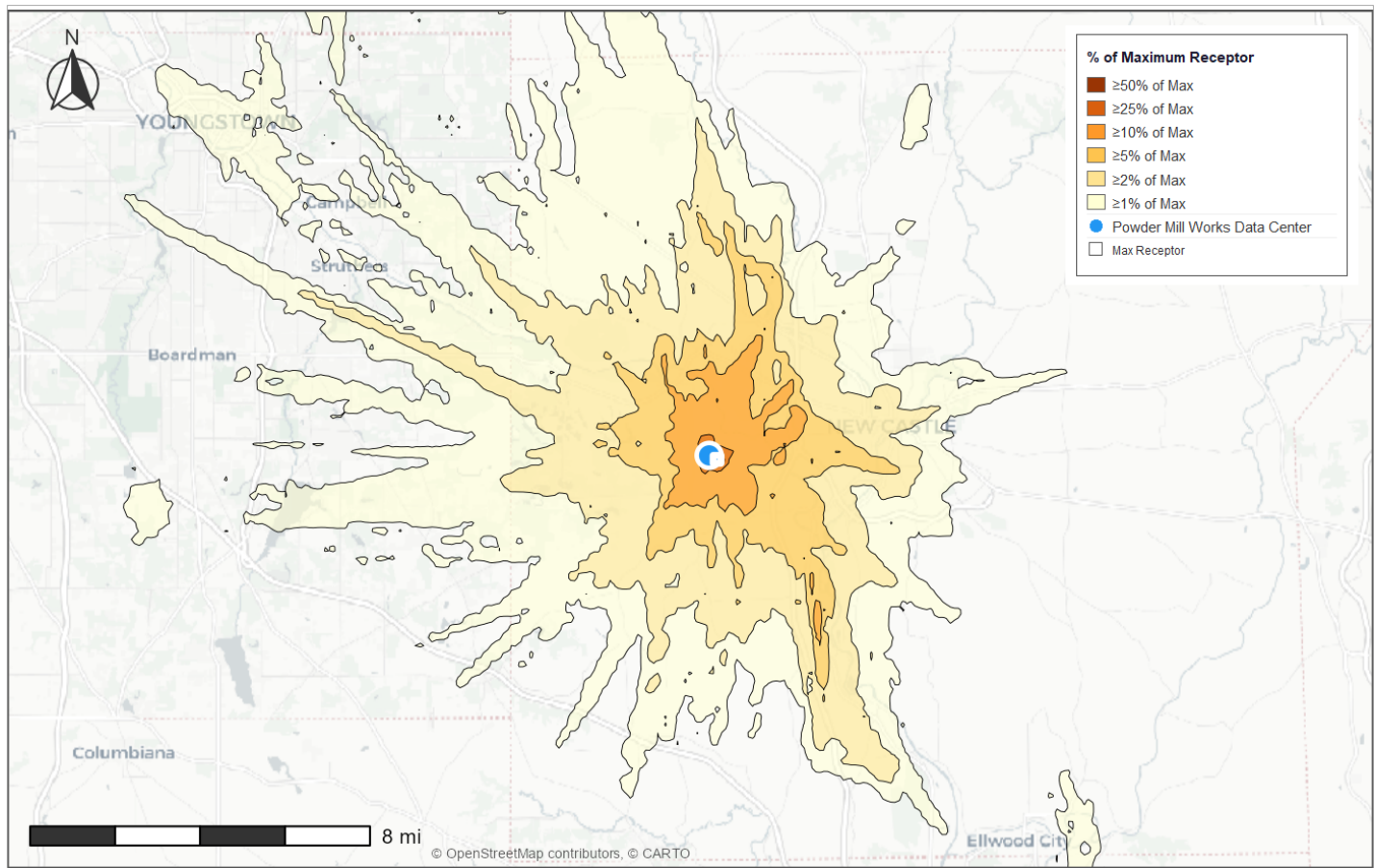


Powder Mill Data Center Max. Impact

August 21, 2026

ENVIRONMENTAL
HEALTH PROJECT
DEFENDING PUBLIC HEALTH SINCE 2012



This map shows the modeled relative maximum hourly concentration of primary air pollutants over two years from the Powder Mill Works Data Center site in Lawrence County, PA. These models use meteorological data from 5/1/2023 to 4/30/2025 to produce these results.

Modeling was conducted assuming constant emissions uniformly distributed across 20–40m above ground level at the geographic coordinates 40.989732, -80.429500.

This map provides an understanding of the geographical distribution of primary pollutants on a relative scale. The area in the white box will experience the maximum impact, or the highest increase to maximum hourly ground-level emissions over the course of two years. Each shaded area will experience a percentage of the maximum impact. Because this map only shows relative impacts over time, it does not provide specific levels of pollutants expected at any location, nor identify the pollutants that will be emitted. Secondary pollution formation, or new pollution formed when facility pollution chemically transforms in the atmosphere, has not been modeled.

The maximum hourly model shows where short-term pollution events can have the greatest impact. This model shows that emissions' impacts are similar based on direction from the facility. These models show the greatest short-term impact to the southeast towards Elwood City.