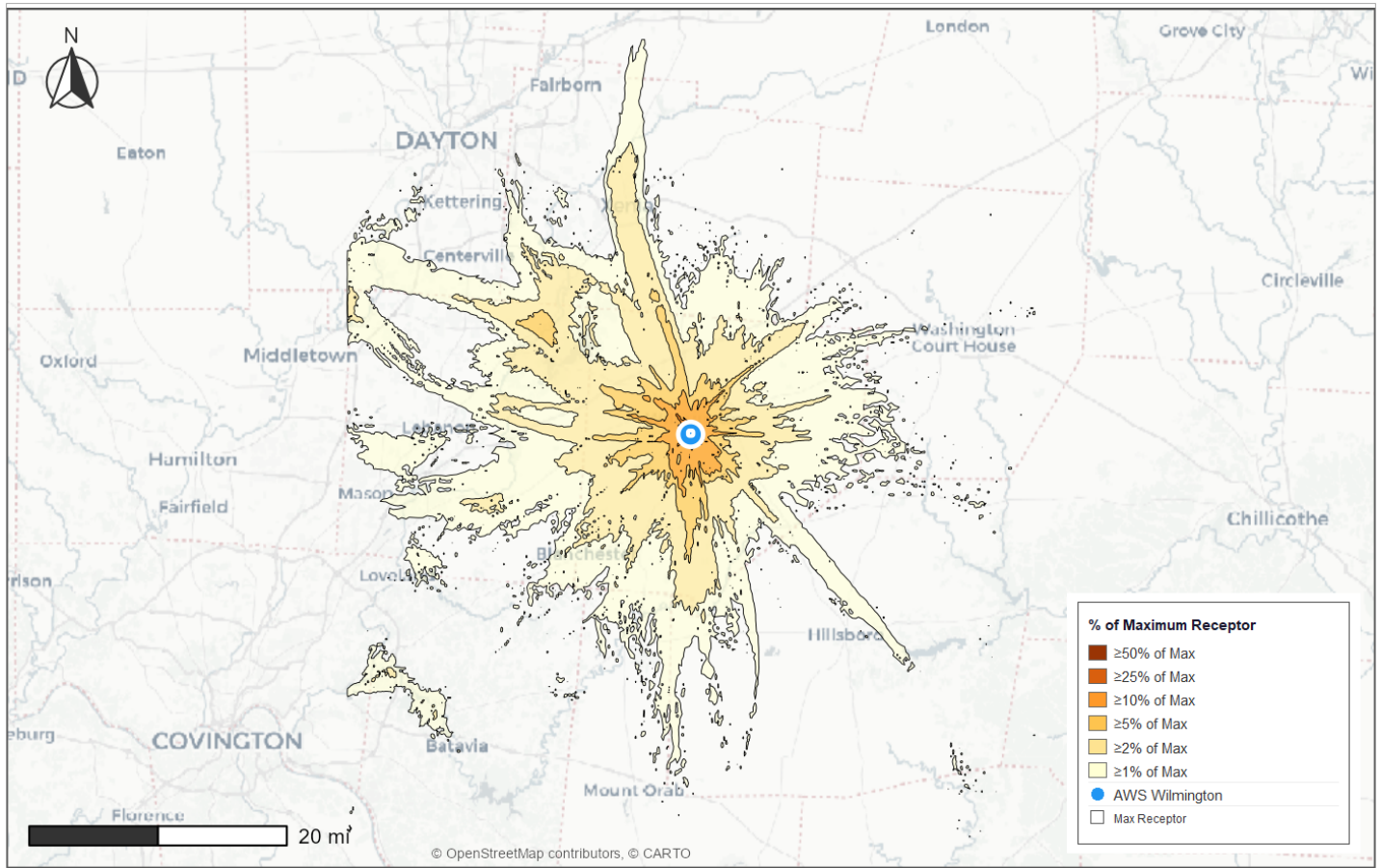


AWS Wilmington Max. Impact

July 09, 2026



This map shows the modeled relative average annual concentration of primary air pollutants from the proposed AWS Data Center in Wilmington, OH. These models use meteorological data from 5/1/2024 to 4/30/2025.

Modeling was conducted assuming constant emissions uniformly distributed across 10 – 25 meters above ground level at the geographic coordinates 39.427123, -83.836911.

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 ground-level emissions over the course of a year. 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 average annual model shows where pollution will likely end up over the long term, while 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 long-term average impact to the north towards Wilmington, and the greatest short-term impact to the north as well.