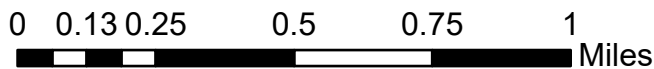
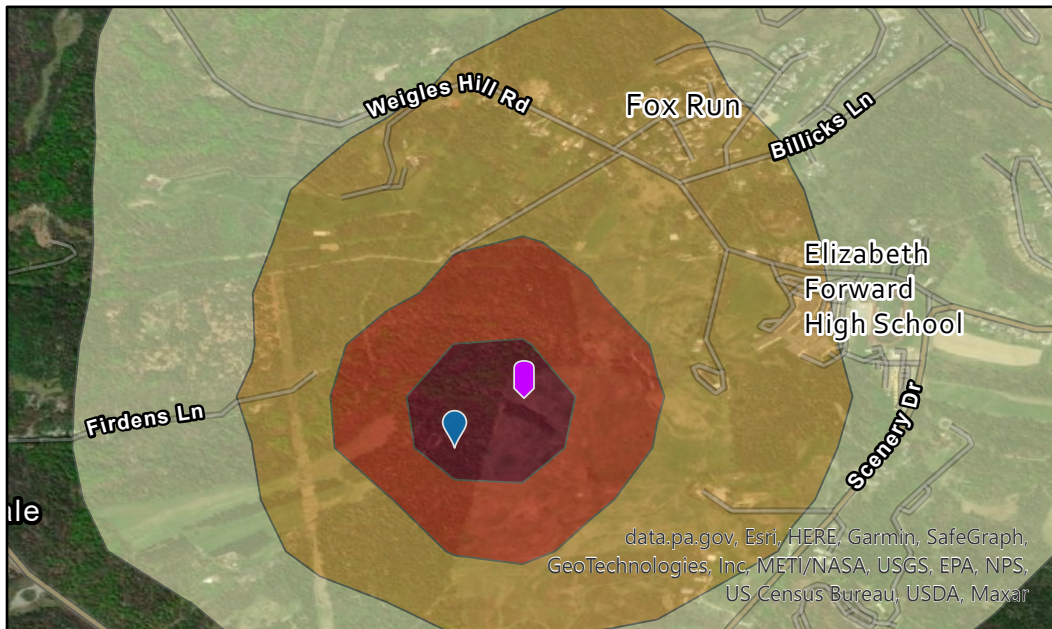
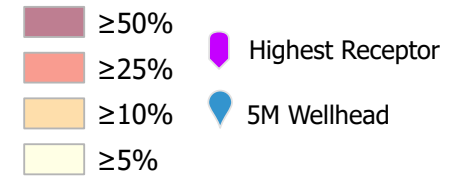


Modeled Relative Average and Maximum Airborne Primary Pollutant Levels from the Heracles Wellheads



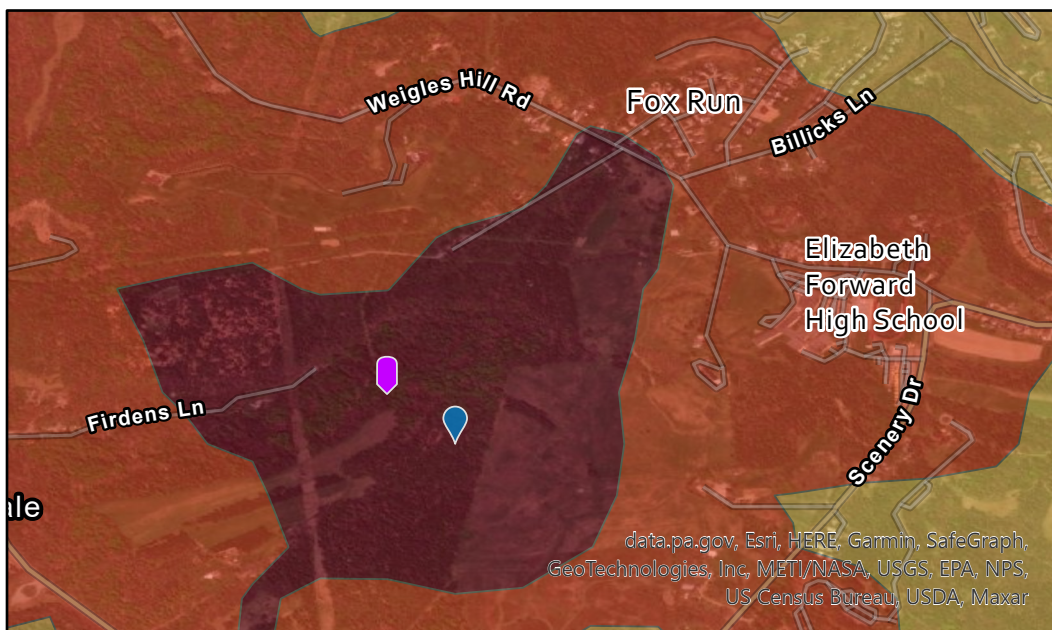
1-Year Average Concentration

% of Highest Receptor



This map shows the modeled average concentration of primary air pollutants from the 5M wellhead of the proposed Heracles well pad in Elizabeth, PA.

The meteorological data used covered 5/1/2021-4/30/2022.



1-Year Maximum Concentration

% of Highest Receptor



This map shows the modeled maximum hourly concentration of primary air pollutants from the 5M wellhead of the proposed Heracles well pad in Elizabeth, PA.

The meteorological data used covered 5/1/2021-4/30/2022.

Modeling was conducted assuming constant emissions uniformly distributed across 5-15m above ground level at 40.251598, -79.865417.

This map provides an understanding of the geographical distribution of primary pollutants on a relative scale. It does not provide specific levels of pollutants expected at any location. Secondary pollution formation has not been modeled.