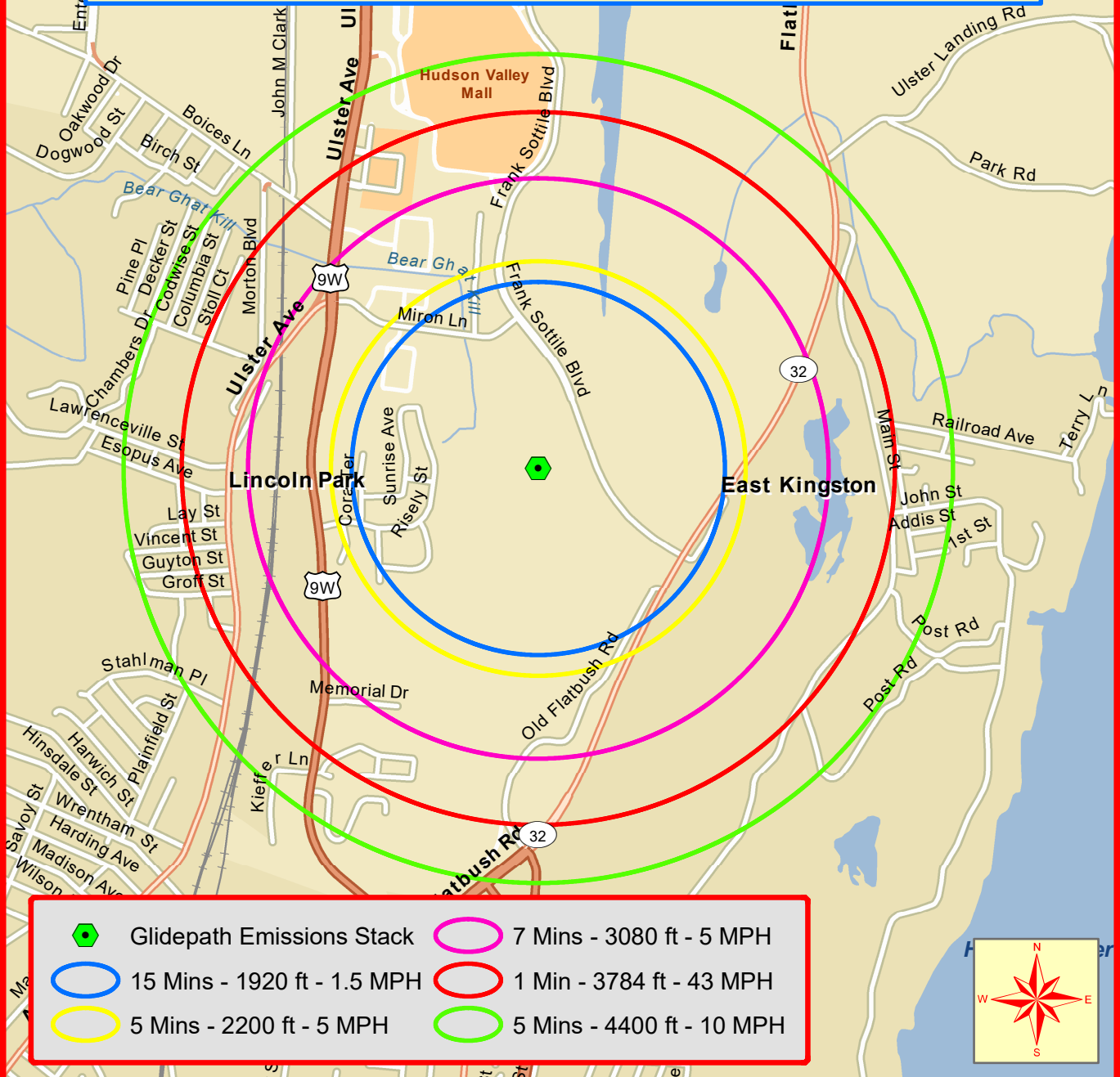
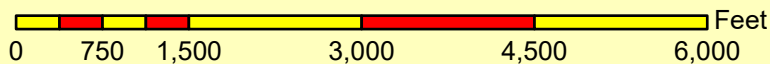


Potential Arrival Times of Toxic Gas Plumes (e.g., CO₂, NO_x, CO) at Different Wind Speeds & Adverse Weather Conditions



Air Quality Scoping Issues: Identify all potential human receptors that may inhale toxic exhaust emissions from the Lincoln Park stack under worst case weather conditions (e.g., temperature inversions). Identify all potential adverse health impacts (e.g., CO₂ poisoning/hypercapnia).

**Notes: Nearest Weather Station: KNYKINGS15
 Location: 2.6 miles south - near Rondout Creek
 5-Year Average Wind Speed: 1.5 MPH
 Annual High Wind Speeds: 14 to 37 MPH
 Highest Wind Gust: 43 MPH (3-02-17)
 Wind Directions: All Wind Directions**



ESRI Imagery

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