



STORM SEEKER: THE PRESSURE, TEMPERATURE, AND HUMIDITY PROJECT



SCHOOL: GARFIELD HEIGHTS MIDDLE SCHOOL

LOCATION: GARFIELD HEIGHTS, OH

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment seeks to measure temperature, humidity and air pressure in the stratosphere in the efforts to predict weather patterns. If the air temperature in the stratosphere increases then the air pressure will decrease and make it easier for storms to form. We were inspired by the two significant hurricanes that Florida was impacted by in the fall of 2024, Hurricane Helene and Hurricane Milton.