



VERTICAL DISTRIBUTION CHARACTERISTICS OF VOC IN THE ATMOSPHERE



SCHOOL: SOUTH MILWAUKEE MIDDLE SCHOOL

LOCATION: SOUTH MILWAUKEE, WI

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment seeks to learn about the different levels of VOC in the atmosphere. We also want to monitor the distribution of VOC in the atmosphere during the flight. We hypothesize that the “Vertical distribution of VOCs” refers to how the concentration of VOCs varies with altitude, generally showing a decreasing trend as it moves higher into the atmosphere. Our inspiration for this experiment is health issues on Earth that VOCs have influenced such as asthma, cancer, and allergies.