



VOLATILE ORGANIC COMPOUND AND OZONE DETECTION EXPERIMENT



SCHOOL: ADEL DESOTO MINBURN MIDDLE SCHOOL

LOCATION: ADEL, IA

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment measures different levels of harmful gases at different altitudes, using VOC (volatile organic compounds) sensors and ozone sensors. We hypothesize if the level of VOCs increases, then the amount of ozone (O₃) in both layers should increase accordingly. Everyone on this team is very interested in the health and global warming issues that face our society with ozone and VOCs.