



CORRELATION BETWEEN GROUND CONDITIONS AND ATMOSPHERIC CONDITIONS



SCHOOL: DECATUR HIGH SCHOOL

LOCATION: DECATUR, GA

FLIGHT PROVIDER: WORLD VIEW

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our project aims to investigate the correlation between ground and atmospheric conditions, including humidity, pressure, and greenhouse gas concentrations. We believe that as ground temperature increases, the amount of UV light and atmospheric temperature will also rise, while air quality will improve with increased greenness. We were inspired by how we can design an experiment that maximizes how much information we find and thus maximizes the odds of finding variables that correlate.