



DO RADIATION AIR PRESSURE AND HUMIDITY AFFECT SOLAR POWER COLLECTION?



SCHOOL: PARKSIDE ELEMENTARY SCHOOL

LOCATION: OREM, UT

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

We have improved our experiment design from the previous year to better understand environmental impact on solar panels. We're measuring humidity, CO2, radiation, and solar power from the atmosphere. We've changed the position of the sensors in our flight box, added radiation, humidity and current sensors, and with that, we expect more accurate data. Our inspiration was based off on last year's project, keeping all but the gas, temperature, and previously listed sensors as before.