



ALTERNATIVE ULTRAVIOLET EFFECTS FROM NON-OZONE-DEPLETING POLLUTANTS



SCHOOL: RED MOUNTAIN HIGH SCHOOL

LOCATION: MESA, AZ

FLIGHT PROVIDER: WORLD VIEW

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

In our experiment we will be using various sensors to measure the levels of different air pollutants in the atmosphere, including volatile organic compounds, particulate matter, carbon dioxide, methane, and measuring their respective correlations with UVB radiation and other ionizing radiation wavelengths to determine which pollutants have the most effect on radiation levels in the atmosphere.