



WHY CANADIAN WILDFIRES RUIN SUMMERS IN VERMONT



SCHOOL: FAIR HAVEN UNION MIDDLE & HIGH SCHOOL

LOCATION: FAIR HAVEN, VT

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

We are studying the impact of Canadian wildfires on air quality in Vermont by measuring temperature, particulate matter, air quality, volatile organic compounds, and CO₂. We hypothesize that smoke will degrade air quality over time, with temperature, humidity, and air pressure decreasing as altitude increases. Our goal is to raise awareness about the negative effects of wildfires on air quality.