



CHARACTERISTICS OF ATMOSPHERE AND THEIR EFFECTS ON AEROSOL AND WATER VAPOR



SCHOOL: BROOKFIELD ACADEMY

LOCATION: BROOKFIELD, WI

FLIGHT PROVIDER: AEROSTAR

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

The scientific question our experiment aims to answer is how specific characteristics of the atmosphere affect the proportion of water vapor to aerosol concentration. The specific characteristics we want to measure are radiation, temperature, altitude, pH, and the terrain below in a certain section of the atmosphere. We would also measure the water vapor and aerosol concentrations. Once the balloon reaches 70,000 feet, we will begin collecting data every minute.