

URBAN HEAT ISLAND EXPERIENCE				
Student's Name:				
Place:				
Instrument Make, Model, Serial #:				
Date	Time	Object	Temperature	Sky condition and comments

Questions:

1. What surfaces have the highest temperature during your measurements?

2. Considering winter and summer photochemical production of ozone from sunlight, would it be wise to paint roofs and pavement bright white to try to cool off the city?

3. Suppose you repeated the temperature measurements at 9 pm at night. What would you expect to find?

4. Explain in your own words what we mean by the "urban heat island effect".

5. Explain why it is a challenge to study climate trends using temperature measurements from cities.