

Meteorologist's Report

- Complete the following two tables by calculating the change in temperature over time.

Table A: Change in Temperature for Sunbeam City from 1961–1971 to 2001–2011

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Change in Temperature (°C)												

Table B: Change in Temperature for Rural Areas Outside of Sunbeam City from 1961–1971 to 2001–2011

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Change in Temperature (°C)												

- Determine if the change in temperature in Sunbeam City is more, less, or the same as the rural areas outside of the city by calculating the difference in temperature between the two areas. **Hint:** Subtract your Table B data from your Table A data.

Table C: Difference in Temperature Change

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Difference in Temperature Change (°C)												

- Based on your analysis, is Sunbeam City an urban heat island? Explain your conclusions, and support your findings with specific evidence.
