Name_____

Analemma Data Table

Latitude _____

Date	Local Noon Time	Sun's Altitude	Equation of Time

Post-Lab Questions *(Use a separate sheet of paper to answer the following questions.)*

1. Define the following terms: *Analemma*, *ecliptic*, *equation of time*, *declination angle*, and *gnomon*.
2. Why does the sun appear in a different location in the sky each day?
3. What pattern was observed on the Analemma chart?
4. Describe possible sources of error that may have occurred during this activity.