

Quick Lab

Light and Latitude**MATERIALS**

- flashlight
- white piece of paper
- pencil

PROCEDURE

1. Hold a flashlight so that the beam shines directly down on a white piece of paper. Use a pencil to trace the outline of the beam of light.
2. Move the flashlight so that the light shines on the paper at an angle. Trace the outline of the beam of light.

ANALYSIS

1. How does the area of the direct beam differ from the area of the angled beam?

2. How does this lab illustrate how latitude affects incoming solar radiation?
