

Name _____

Science-8, Period _____

Date _____

Day and Night around the Earth Graph Interpretation

1. Which location is at the equator?
2. Which location has the greatest variance in the day and night cycle?
3. Which location has the least variance in the day night cycle?
4. What causes day and night on the Earth?
5. Why do you think New Zealand and Colorado are mirror image graphs?
6. What months does Alaska have the least amount of daylight? What do you think causes this to occur as compared to Colorado?
7. What month or months does each of the locations have equal hours of day and night?
8. What do you think cause Ecuador to have a straight line on the graph?
9. What is something you would like to have answered about what you observe on the graph?
10. Based on the data represented in the graph, where would you prefer to live and why?

**6. Days and Nights Around the World:
Seasonal Changes in Number of Hours of Daylight**

Label each plot line:
a. latitude and
b. state/country

