Name:

In-Class Activity – Animated Map of 2011 Worldwide Earthquakes

We will be watching an animated graphic showing the earthquake data form 2011. Answer the following questions.

1. What happened in March? How was this event reflected in the line showing the accumulated number of earthquakes?

2. After June, observe the ocean floor (the locations of earthquakes from earlier in the year). Are the earthquakes randomly distributed on the seafloor? How would you describe the distribution?

3. Similar to question #2, are earthquakes on continents randomly distributed? How would you describe the distribution of earthquakes?

4. Some parts of the Earth are clearly far more prone to earthquakes than others. Which continent is practically free of earthquakes (look carefully!)?