

# Indian Ocean Earthquake and Tsunami Disaster

## Sunday, December 26th, 2004

Name/s \_\_\_\_\_ Class: \_\_\_\_\_

This is a disaster of epic proportions; the loss of life from this tsunami is the highest in the history of the world. I think as science students you need to understand what happened, why it happened, and from this understanding try to envision how coastal communities can be prepared to survive the next big tsunami. The waves will come again!

Please go to the following site on the internet and click on ( Multimedia > Interactive; A disaster unfolds) <http://www.nytimes.com/pages/world/index.html>

Answer the following questions from information you find at this web site.

### HOUR BY HOUR

1. What time was it in Sumatra when the earthquake happened? \_\_\_\_\_
2. How long after the earthquake did the Pacific Tsunami Warning Center issue a bulletin giving the time and location of the earthquake? \_\_\_\_\_
3. What city and country did the tsunami strike first?  
City; \_\_\_\_\_ Country; \_\_\_\_\_
4. How long after the earthquake did the tsunami strike India and Sri Lanka? \_\_\_\_\_
5. How long did it take for the tsunami to reach Somalia? \_\_\_\_\_

### SIMULATION

6. How fast do tsunami waves travel? \_\_\_\_\_
7. How many miles from the epicenter is Phuket, Thailand? \_\_\_\_\_
8. How long did it take the tsunami to reach Phuket? \_\_\_\_\_

