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12.001 Introduction to Geology  
Spring 2008

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**Volcanoes and earthquakes prediction exercise    Due: Mon. Feb. 11, start of class**

To get you all thinking about Earth processes and to start right off with an exercise in geological data gathering and hypothesis formation, each of you will:

1. Predict how many earthquakes of magnitude 6.0 and above will occur during the month of April, 2007.
2. Predict how many separate terrestrial volcanoes will erupt during April (if one volcano erupts over and over, it still counts only as one). Ash plumes count as eruptive activity; volcanoes eject more than just lava.
3. Clearly state how you made your prediction:
  - a. List all sources of data and information you found, and
  - b. Explain how you made your predication based on your data.

We will use authoritative public data sources to determine the numbers at the end of April (I can't announce now what they will be, because it would make data gathering so much easier). The student who comes closest to the real answer will receive a prize, nature to be determined.