

# GEO369 – Introduction to Geophysics

Homework – The Seismicity of Alabama

Due September 14, 2004.

You are the number one earthquake expert in Alabama. There has just been a magnitude 3.5 earthquake to the east of Tuscaloosa and all the local TV and radio stations want to interview you. Examples of the sort of things that they might want to know include:

- What does a magnitude 3.5 earthquake feel like?
- What is the earthquake history of Alabama?
- What might be the cause of some of the earthquakes in Alabama?
- What is the chance that a large earthquake in a nearby state could cause damage in Alabama – is there any history of this?

Write up a short (less than one page) summary that you could use as a basis for your interviews. The addition of a map to show the location of some of these earthquakes might be useful.