

## Earthquakes

### The Great Southern California ShakeOut—24 Hours Later

Imagine that it is 24 hours after a M7.8 earthquake on the southern San Andreas fault. Describe what the past 24 hours have been like for you. Use the ShakeOut resources available on Blackboard to make your narrative as realistic as possible. Your description should be written in narrative form and should address the following:

*Paragraph 1:*

- Where were you at the time of the earthquake and what were you doing?
- How did you respond?
- What was the Modified Mercalli Intensity of shaking at your location (see map)?
- What happened to the building you were in and to the people in that building?
- How many fatalities happened in the city in which you were located at the time of the earthquake? How many injuries occurred that required hospitalization?
- What was the nearest hospital to that location that was able to take new cases?

*Paragraph 2:*

- Where is your home located?
- Have you been able to get home?
  - When? How?
  - By what route and mode of transportation?
  - If not, where did you spend last night?
  - If not, what routes did you try, and what made them impassible? (e.g. Fault offset? Downed bridges? Fire? Gridlock? Debris in the road? Downed power lines? Not enough gas in your vehicle?)
- What was the Modified Mercalli Intensity of shaking at your home?
- If you were able to get home, what was the status of your home?
  - Is it safe to live in?
  - What messes needed to be cleaned up?
- If you were not able to get home, what do you expect the status of your home to be?

*Paragraph 3:*

- Whether you spent last night at home or somewhere else, what services that you normally take for granted did you have to do without?
  - Was there electricity? Gas? Water? Telephone service? Cell service? Internet?
  - What did you eat and drink? (Be realistic: select something that is actually in your home [or wherever you spent last night] and that could be prepared with whatever power and water conditions were available at your location).
  - Have you been able yet to get in contact with all of your immediate family members or significant others?
    - If so, how?
    - If not, who are you most worried about? Where do you expect he/she/they may have been at the time of the earthquake?
- How much cash do you have on hand to get you through the next few days?
- How much gas was in the tank of your vehicle at the time of the earthquake?