

Test 2

Severe Weather: (pg:222)

Information about hurricanes, tornadoes, floods and droughts.

1. Fill in the causes and effects of severe weather conditions.

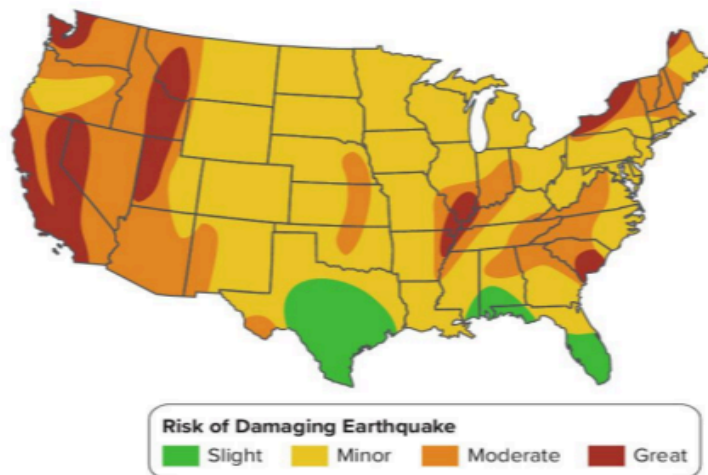
Hurricanes: Cause: 1. Warm ocean water. 2. Moist air rising Effects: 1. Heavy rain and flooding 2. Damaged homes	Tornadoes Cause: 1. Wind shear 2. Thunderstorms Effects: 1. Wind damage 2. Damaged homes
Floods Cause: 1. Heavy rain 2. Dams breaking Effects: 1. Damaged homes 2. Damaged roads	Droughts Cause: 1. Very hot temperature 2. No rain Effects: 1. Crops die. 2. Rivers dry up.

2. On the line before each description of damage on the Saffir-Simpson hurricane scale, write the letter of the category that you think corresponds.

- | | |
|---|---------------|
| <u>D</u> Major erosion of beach areas occurs. | A. Category 1 |
| <u>A</u> Minor pier damage occurs. | B. Category 2 |
| <u>E</u> Complete roof failure on residential and Industrial buildings occur. | C. Category 3 |
| <u>B</u> Small trees are blown down | D. Category 4 |
| <u>C</u> Large trees are blown down | E. Category 5 |

3.

Use the map below to answer question 4.



4. What can be inferred about the locations with only slight or minor earthquake risk?
- A These locations have too low of an elevation for earthquakes to occur.
 - ☒ B These locations are not located on or near a plate boundary or fault line.
 - C These locations are too mountainous for earthquakes to occur.
 - D These locations are too far from the San Andreas Fault to be affected by an earthquake.

4.

3. **MATH Connection** A continent travels 0.006 m/year. How long would it take the continent to travel 100 m?

A 600 years

B 16,667 years

C 60,000 years

D 167 years