

The Mercalli Scale Activity

Name: _____

Date: _____

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Objective: Map Mercalli Scale Earthquake Intensity levels to locations in Wattsville to determine the epicenter of an earthquake

Directions:

1. Read through the different witnesses' accounts and observations of the earthquake that occurred in Wattsville. In the chart, write down the witnesses' location and their Mercalli Scale level in the chart below.
2. After filling in the chart, write the Mercalli Scale level for the earthquake next to the location on the Wattsville map.
3. Connect the all locations with the same Mercalli Scale level (curve/circle)

Witness	Location	Mercalli Scale Level
Charles		
Roy		
Carmen		
Susan		
Jo		
Hank		
Fernando		
Debbie		
Lee		
Ben		
Gene		
Diana		
Ken		
Maria		
David		
Steve		
Jed		
Jenny		
Juan		
Martha		
Marty		

Conclusion: Answer all questions in complete sentences.

How is the Mercalli Scale useful when determining the intensity of an earthquake?

How is the Mercalli Scale useful in determining the epicenter of an earthquake?

Use the Richter/Moment of Magnitude Scale to determine the intensity of the Wattsville earthquake?

Wattsville Map

Name _____

