


The background is a solid green color with several overlapping white circles of varying sizes and positions, creating a pattern reminiscent of ripples or orbits.

**Earth and Space Science  
Monday  
10/3/2016**

**Today we are going to continue reading about Volcanoes in the text book.**

**Open your text to page 352**

The background is a solid green color with several overlapping white circles of varying sizes and positions, creating a pattern reminiscent of ripples or orbits.

**Earth and Space Science  
Tuesday  
10/4/2016**

In a moment, you'll receive an article with questions.

You will need a separate sheet of paper.

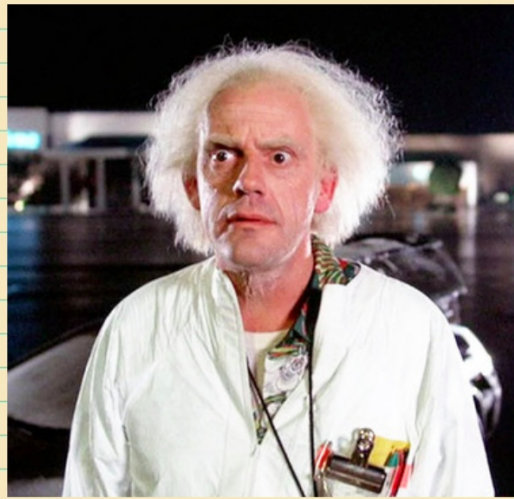
As you read the article, **underline and write down warning signs that you think scientists should check for when studying a volcano that might erupt.**

**What should we check for?**

The background is a solid green color with several overlapping white circles of varying sizes and opacities, creating a layered, abstract pattern.

**Earth and Space Science  
Wednesday (and probably  
Thursday)  
10/5/2016**

**Good Morning Scientists!**



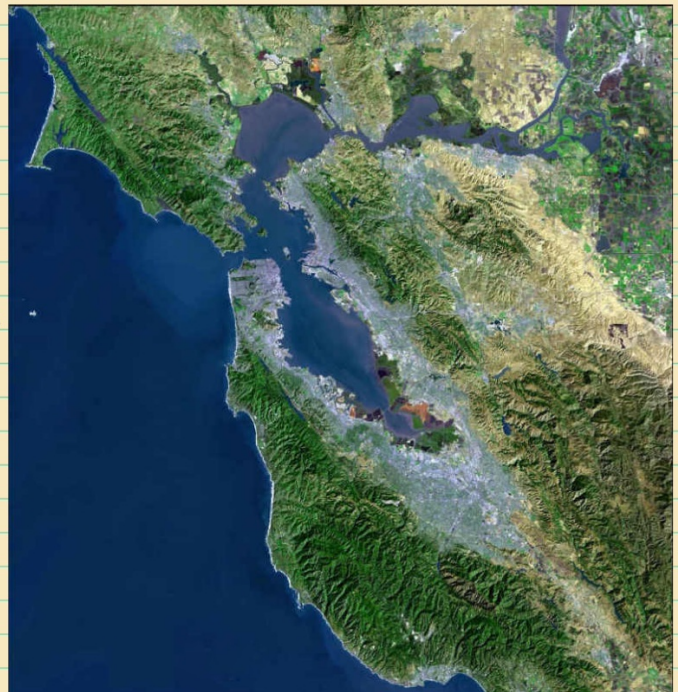
**Today you are Volcanologists!**

A **volcanologist** or vulcanologist is a geologist who studies the processes involved in the formation and eruptive activity of volcanoes and their current and historic eruptions.



# **WE HAVE A HUGE PROBLEM!**

**The San Francisco Bay Area has a growing issue, and local officials need your help to solve this mystery!**

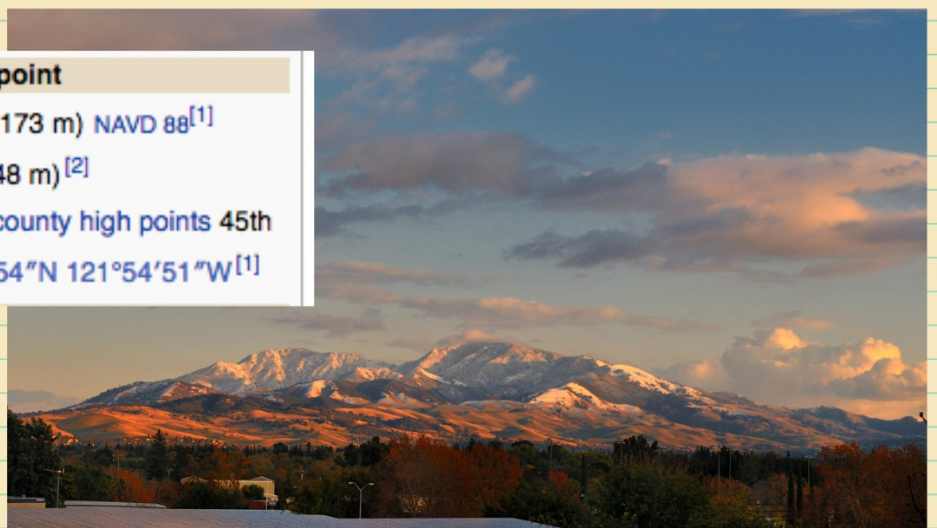


# This is Mount Diablo

**Population: 1,049,025**  
including surrounding  
areas.



Highest point	
<b>Elevation</b>	3,849 ft (1,173 m) <small>NAVD 88<sup>[1]</sup></small>
<b>Prominence</b>	3,109 ft (948 m) <sup>[2]</sup>
<b>Listing</b>	California county high points 45th
<b>Coordinates</b>	 <small>37°52′54″N 121°54′51″W<sup>[1]</sup></small>



**Strange things have been happening around the peak lately.**

**First, while its near several active fault lines, small tremors have been recorded closer to the mountain.**

**Scientists need to know if something is going on, but are too busy studying the San Andreas fault to devote additional manpower to the issue.**

**In groups of 2 (with your table partner)**

**Study the field (Our Classroom) For clues about what might be going on.**

**You have 10 minutes to gather as much field information in your notebook as possible!**

**Now that you have gathered information,**

**What is going on?!**



**Answer the following in your notebook:**

**1) What type of Volcano do you think Mt. Diablo is?**

**2) Do you think it will erupt and why?  
(list evidence and explain)**

**3) Is it going to have a violent or calm eruption? Why?**

**Next, Based on your predictions, work with your partner to create a plan to prepare nearby populations to deal with a potential eruption!**

**Do you evacuate? Block it? What safety measures should be put in place?**