Nova Deadliest Earthquakes Haiti Describe the devastation that occurred in Haiti in January 2010. How did scientists know that an earthquake was inevitable in Haiti? Which type of boundary caused the Haitian earthquake? How fast do plates move? What is the source for the movement? The energy released by earthquakes is equivalent to _____ How many times stronger is a magnitude 8.0 earthquake than none at all? The faster the movement of plates the more frequent the earthquakes. (True or False) California What is the name of the main fault in California?

13 February 2010 there was a massive earthquake in Chile that was a magnitude _____. It was the 5th

largest earthquake recorded. Describe the devastation of this earthquake.

	What type of boundary is found between the Nazca and South American Plates?
15	What was found on the beach to demonstrate to how much power the earthquake had?
16	When massive amounts of energy are released under the water at subduction boundaries, can occur.
17	Why are tsunamis to destructive?
No	orth America – Cascadia Fault
18	Which areas are affected by the Cascadia Fault?
19	Why are scientists collecting and storing mud samples at Oregon State University and how do they tell earthquakes' stories?
20	A Mega thrust is expected in the next 50 years in Cascadia which will result in a massive
	and a
21	what subtle indicators are scientists observing in the forest that might be excellent predictors of future earthquakes?
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21 <u>Pr</u> 22	What subtle indicators are scientists observing in the forest that might be excellent predictors of future earthquakes? edicting and Preparing for Earthquakes Why can earthquakes trigger other earthquakes and where was this observed in 2010?