

Physics of Earthquakes

1. Complete the sentence defining Seismology:

Seismology is the scientific study of and the propagation of through the Earth.

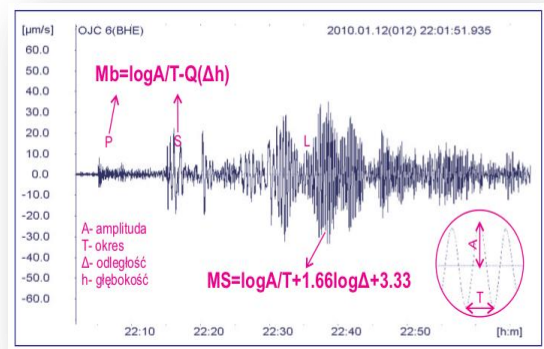
2. Define the pictures. Use a definition given in the frame. Describe the meaning. One definition is not used.

seismologist

seismograph

seismometer

seismogram



3. Complete the words.

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 Focus of the earthquake

	P								R
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 The point on the Earth's surface that is directly above the focus

4. Are the sentences right or wrong.

World seismic monitoring is continuous -

The earthquakes can be forecasts with high precision -

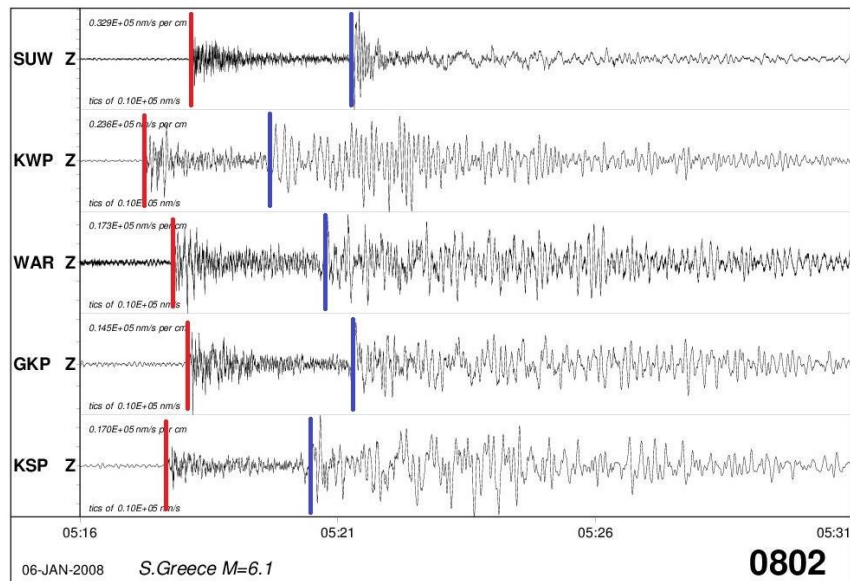
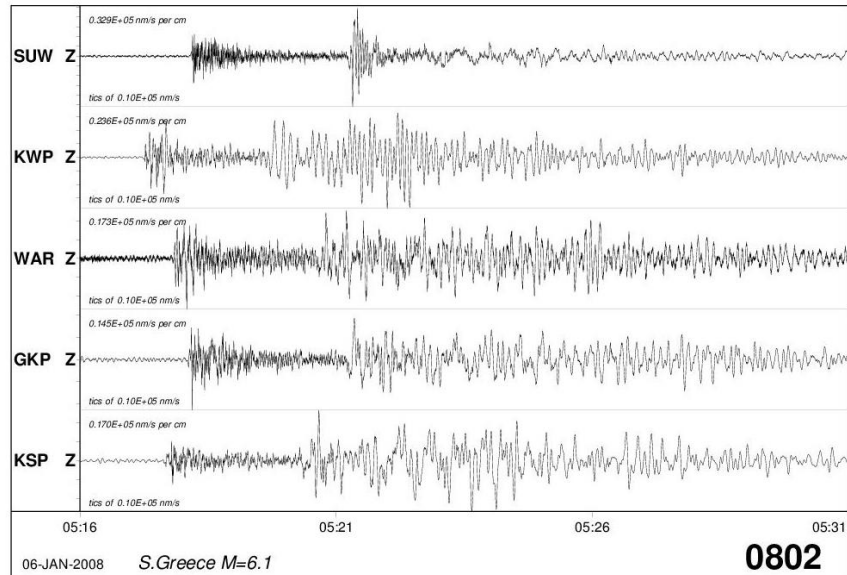
We know which parts of Earth are characterized with high seismic hazard -

The early warnings methods can be used to minimize the earthquake risk -

The education has a great influence to increase safety procedures dealing with ground shaking -

The earthquake with magnitude 5 is twice stronger than the earthquake with magnitude 4 -

5. What type of seismic wave are visible on the seismograms below?



Which type is expected to be recorded at the beginning, why?

6. What Is Mercalli seismic intensity scale? Is it used today to describe strength of the earthquakes?