

Earthquakes-Chapter 11

~1 million/yr



Copyright © 2005 Pearson Prentice Hall, Inc.

Measuring

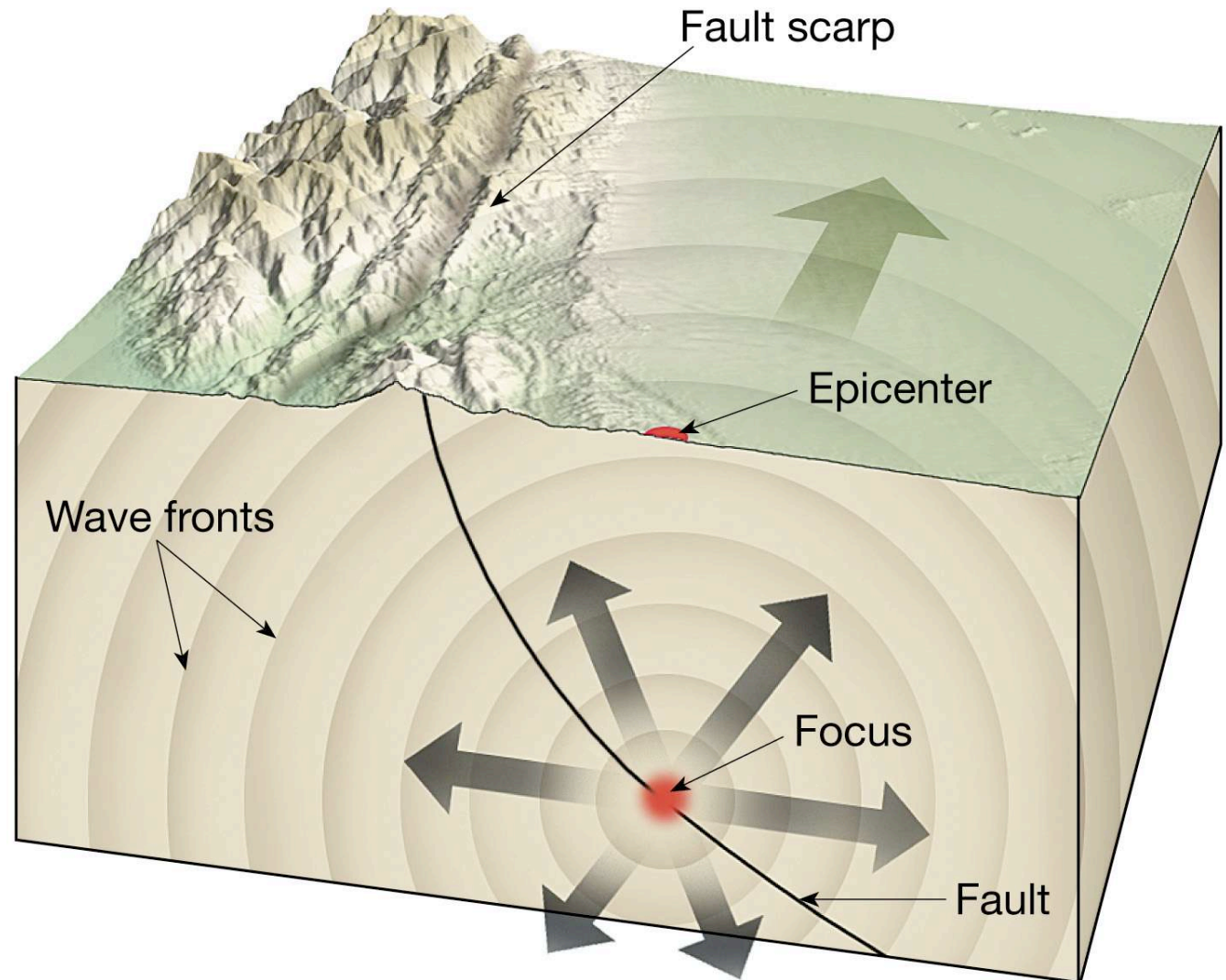
- Mercalli (1-12) v Richter (1-10...30x)



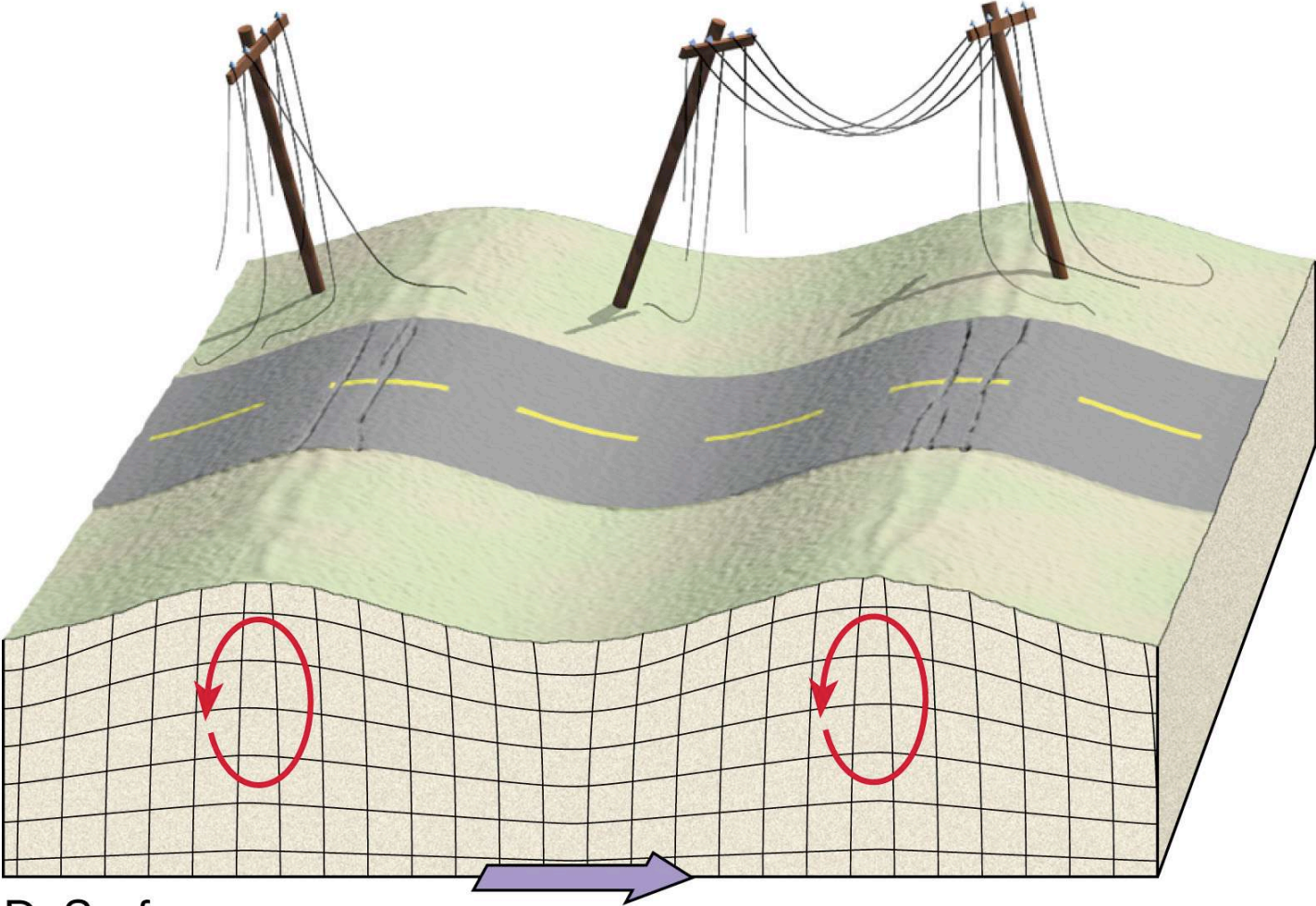
Copyright © 2005 Pearson Prentice Hall, Inc.

Wave Energy

- P, S and L

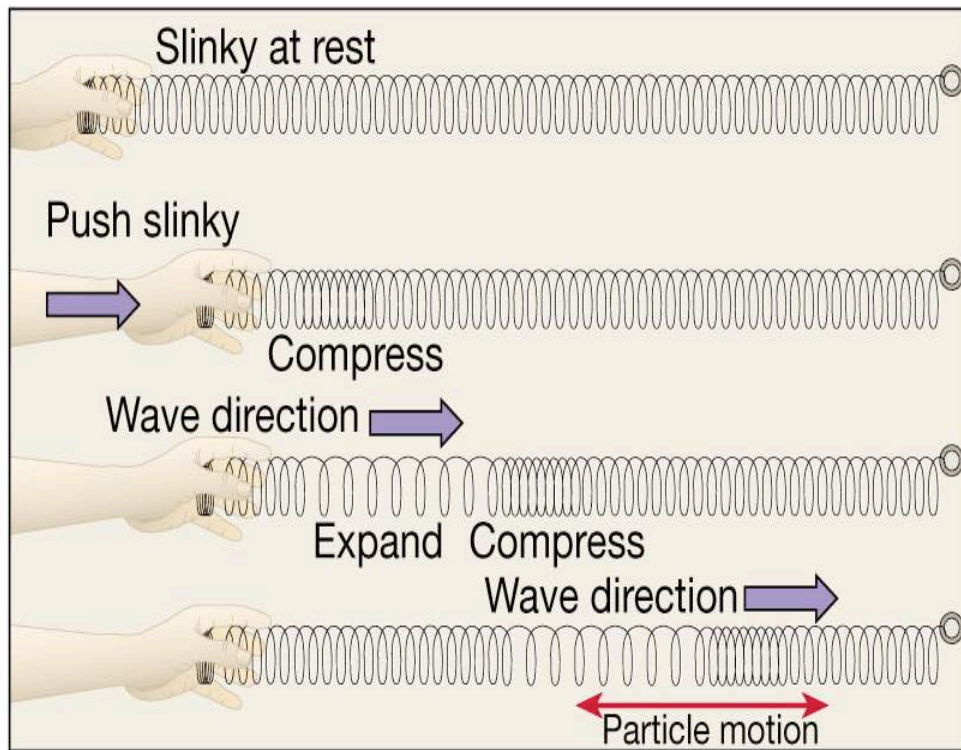


L Wave

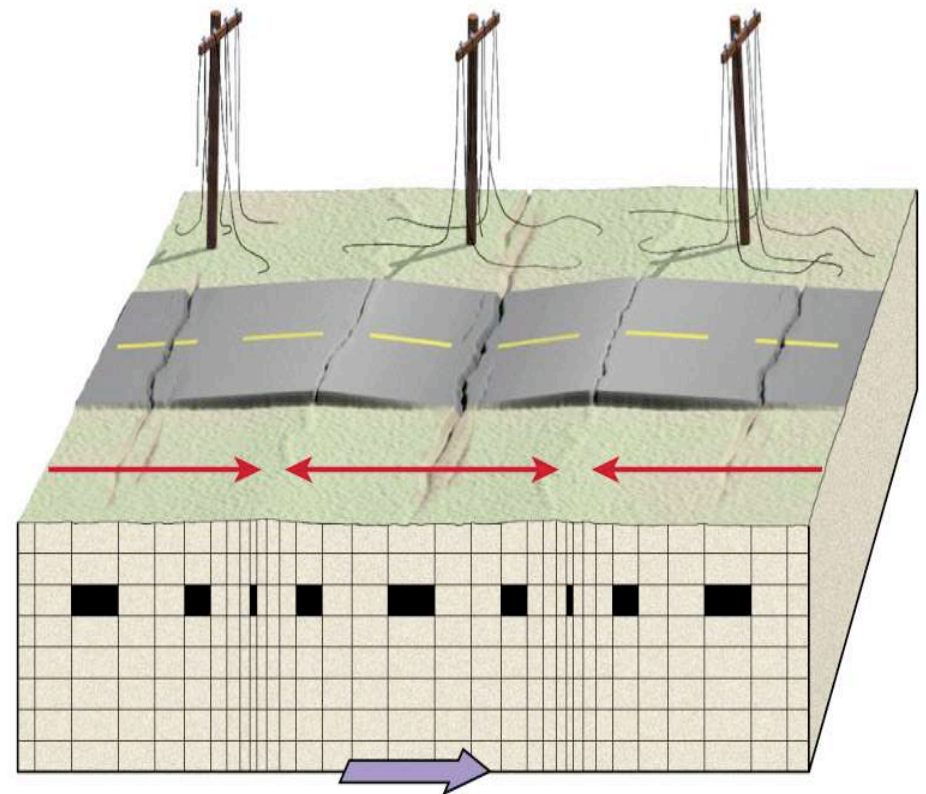


D. Surface wave

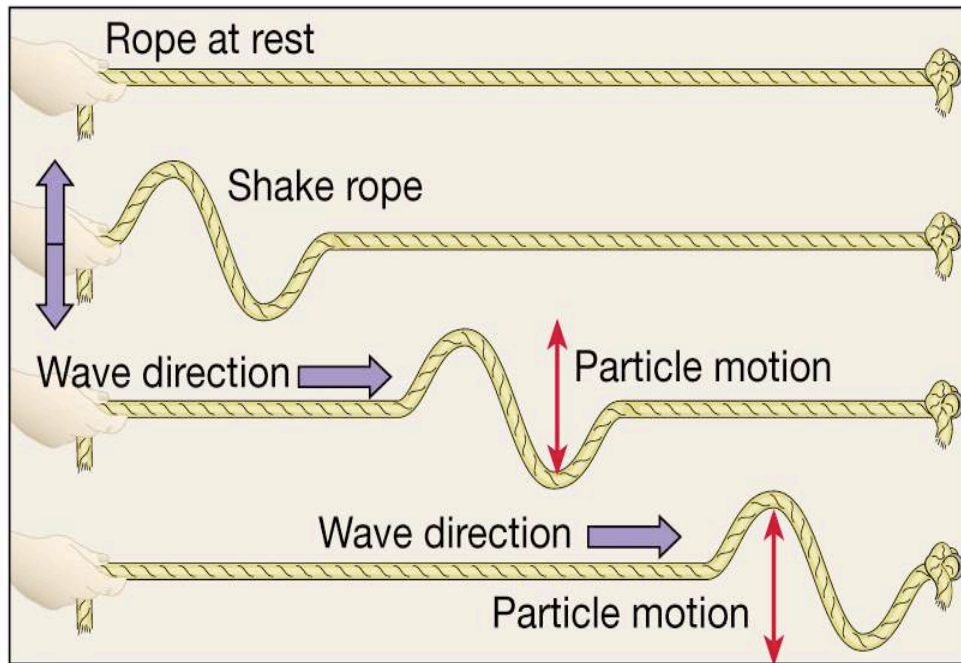
P Wave



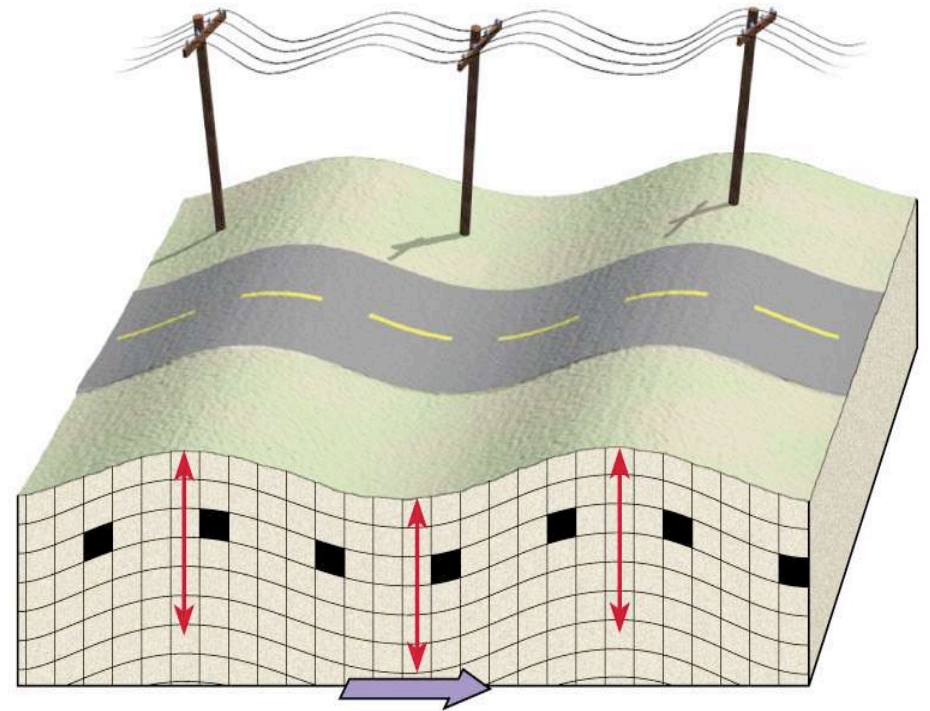
A. P wave



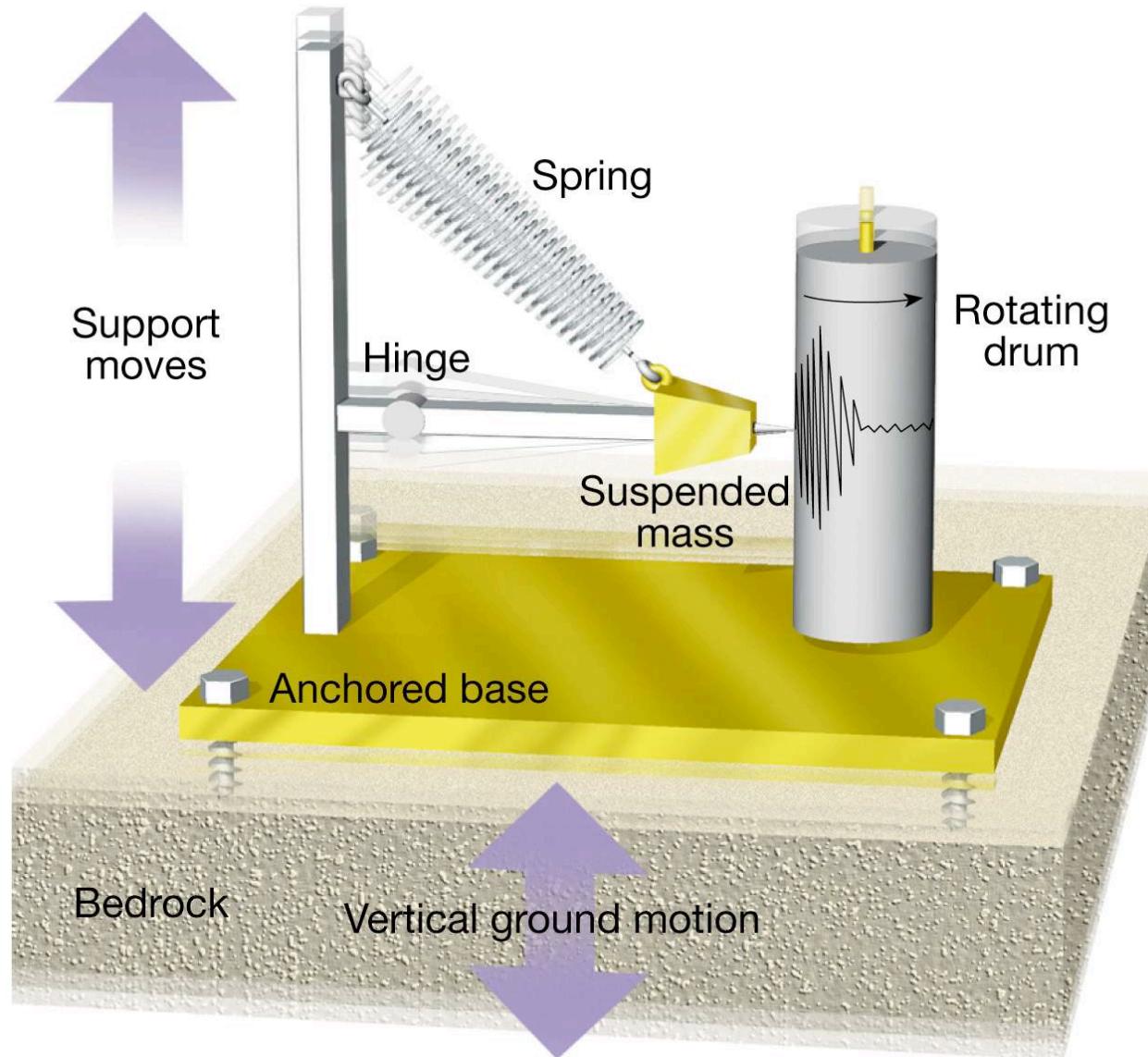
S Wave



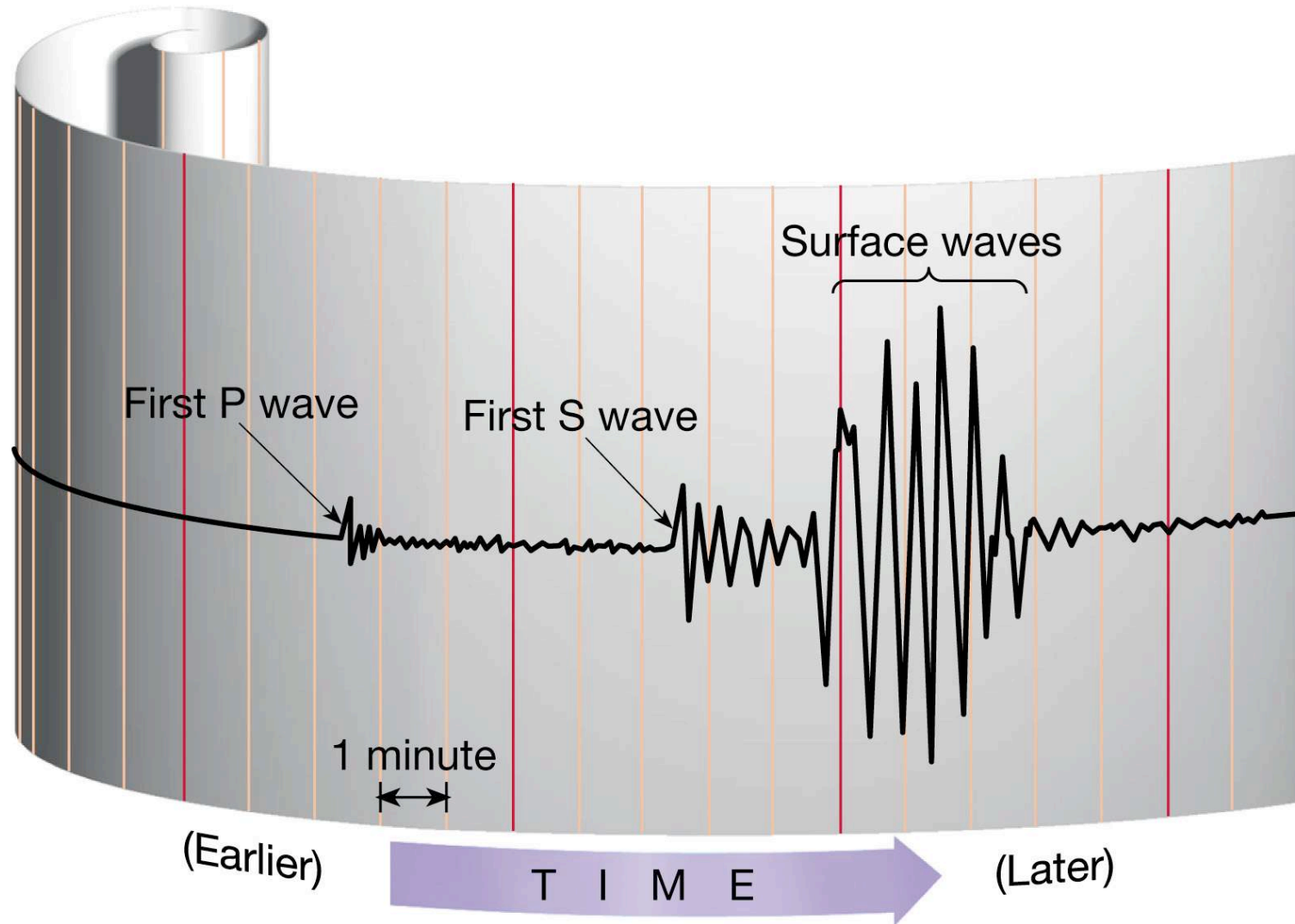
B. S wave



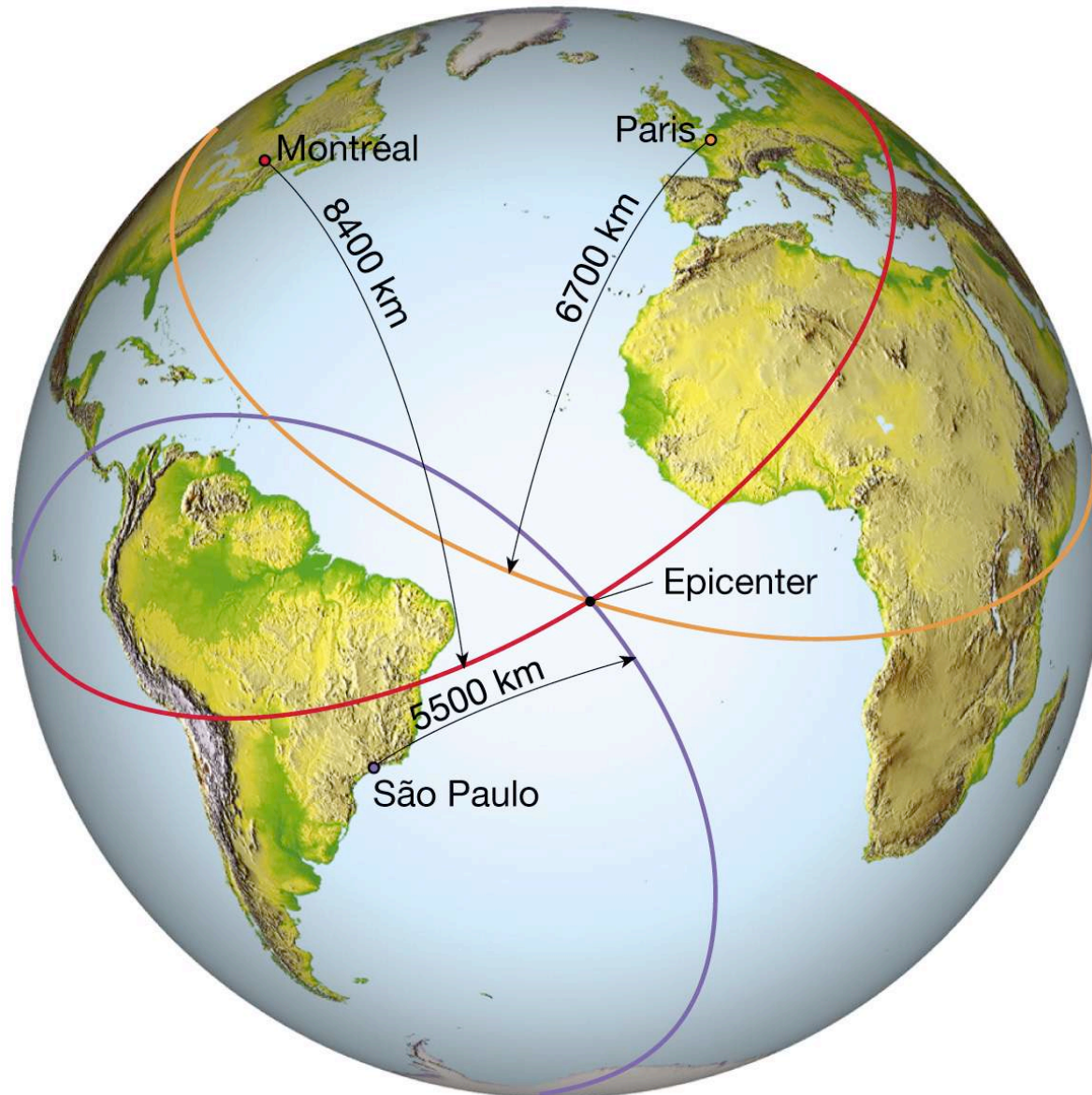
Detecting Earthquakes



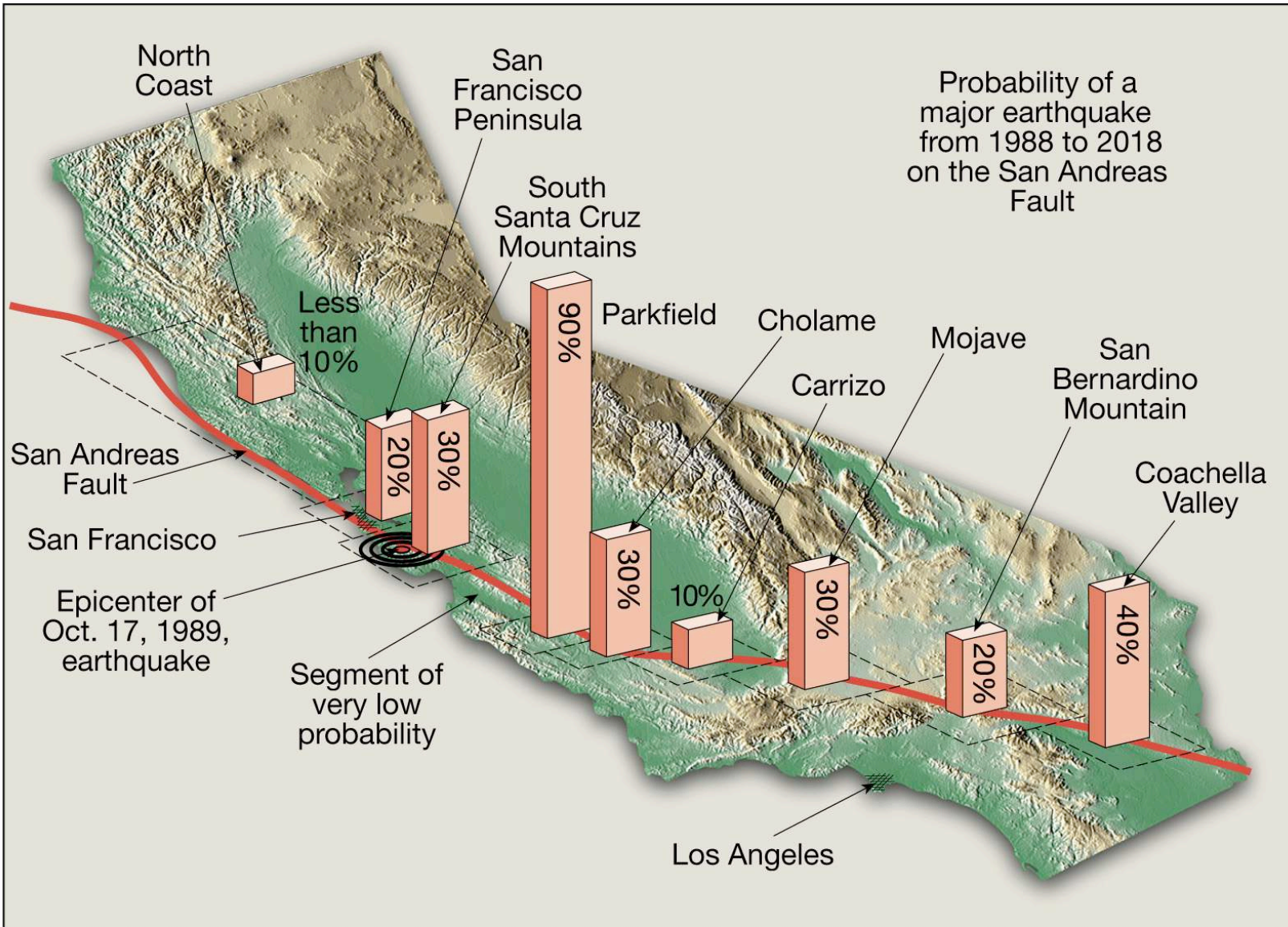
Recording Earthquakes



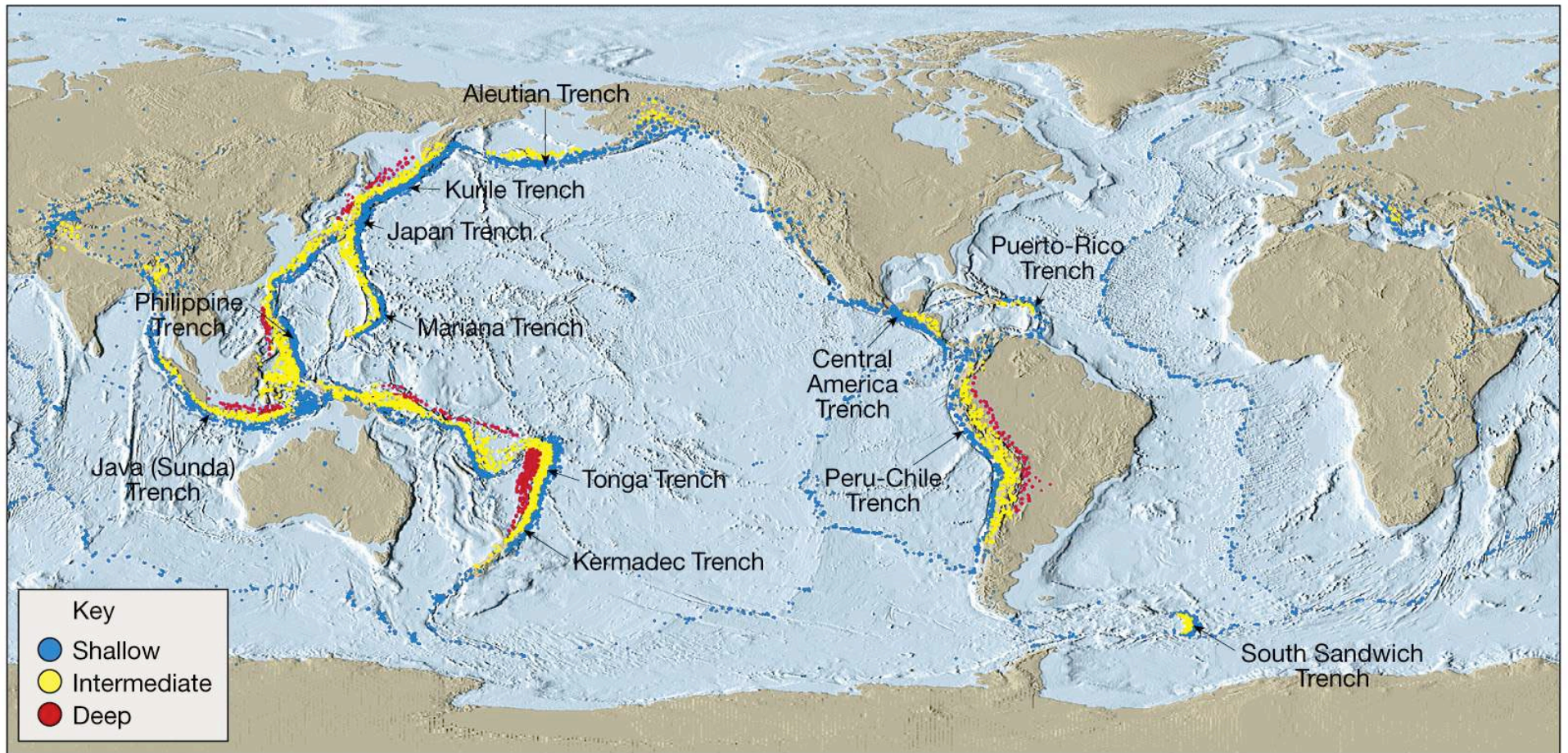
Locating Earthquakes



Risk maps



World Distribution





Copyright © 2005 Pearson Prentice Hall, Inc.



Copyright © 2005 Pearson Prentice Hall, Inc.



Copyright © 2005 Pearson Prentice Hall, Inc.