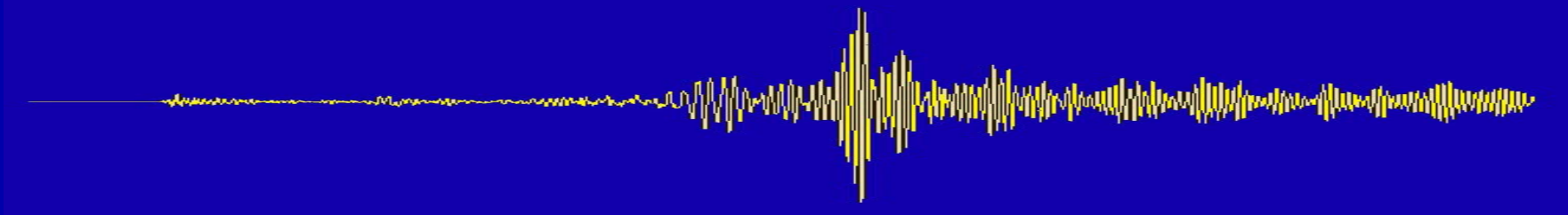


12.103

Strange Bedfellows: The Science and Policy of Natural Hazards

Associated phenomena: Tsunami



Spring 2008

津

tsu (harbor)

波

nami (wave)

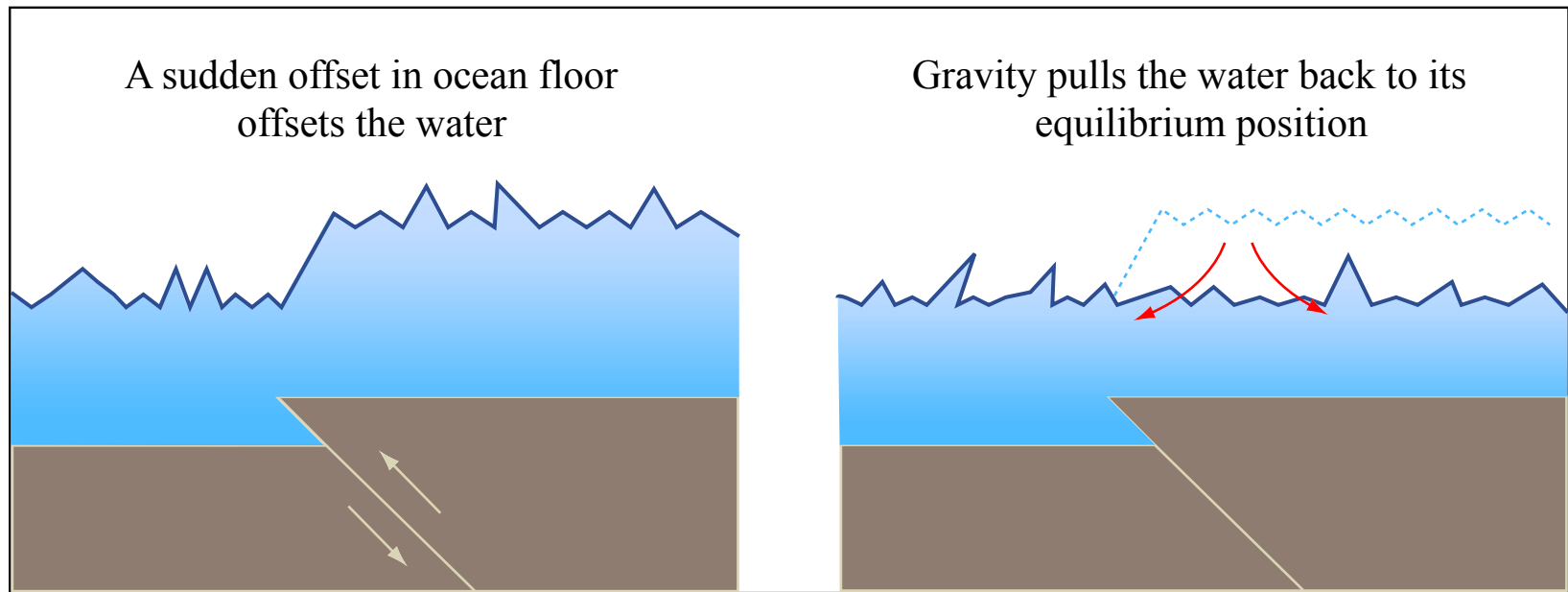


Figure by MIT OpenCourseWare.

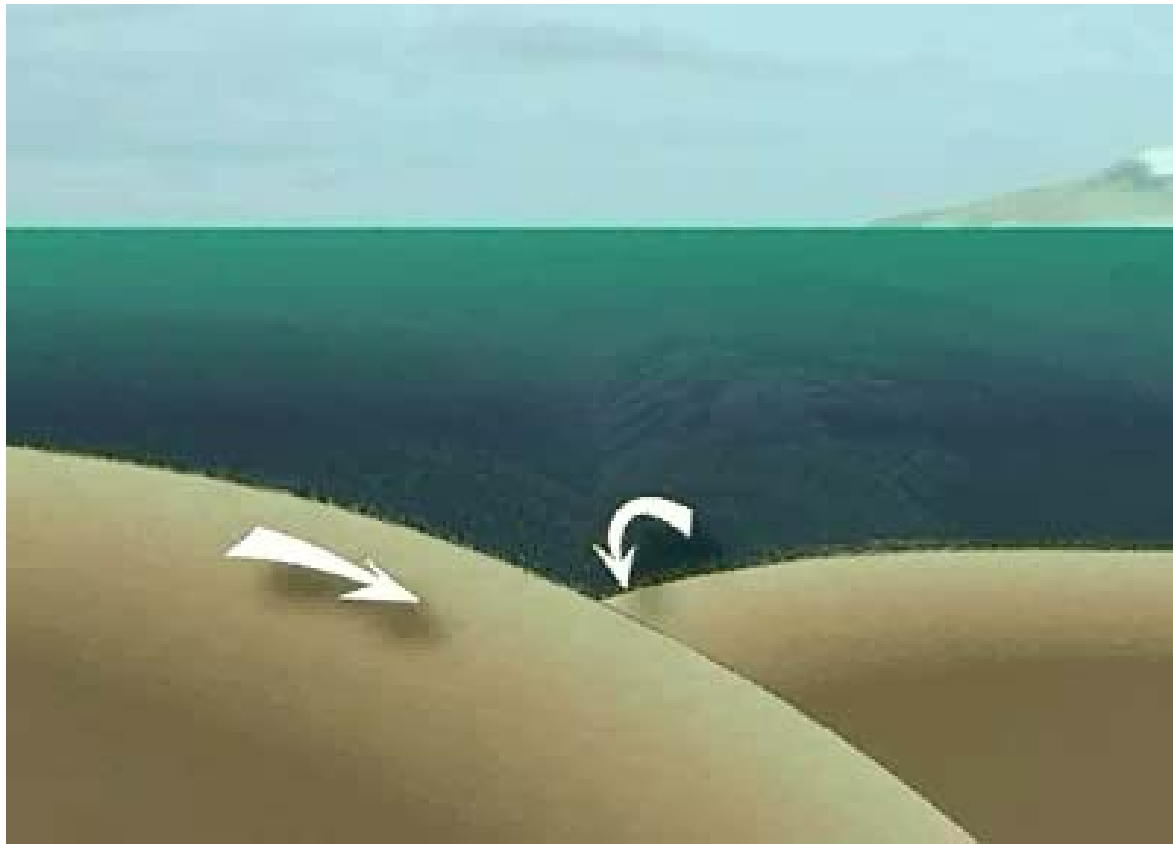


Image courtesy of NOAA.

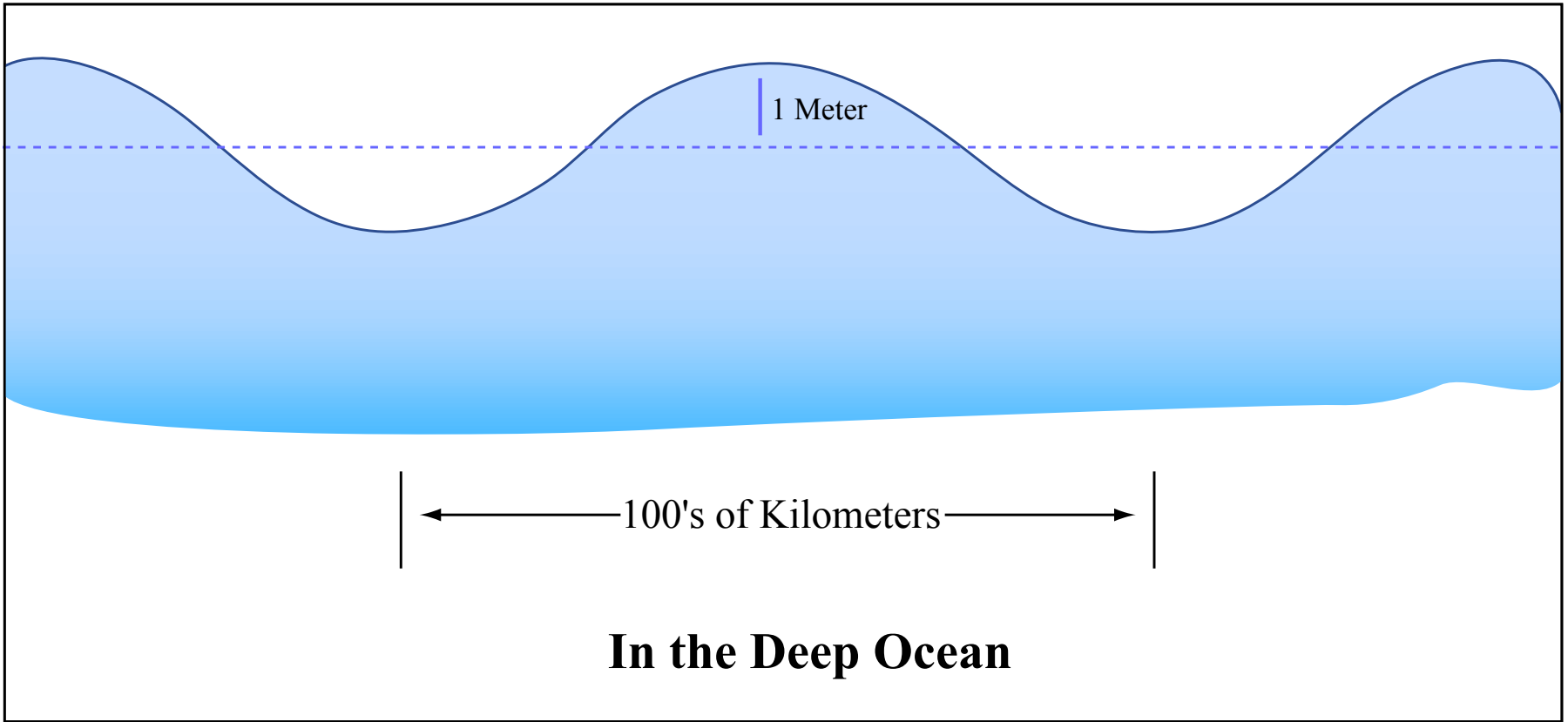


Figure by MIT OpenCourseWare.

$$\overrightarrow{v} \cong \sqrt{gd}$$

example: $g=9.8\text{m/s}^2$; $d=4000\text{m}$; $v=198\text{m/s}$ (712.8km/h)

tsunamigenic earthquakes

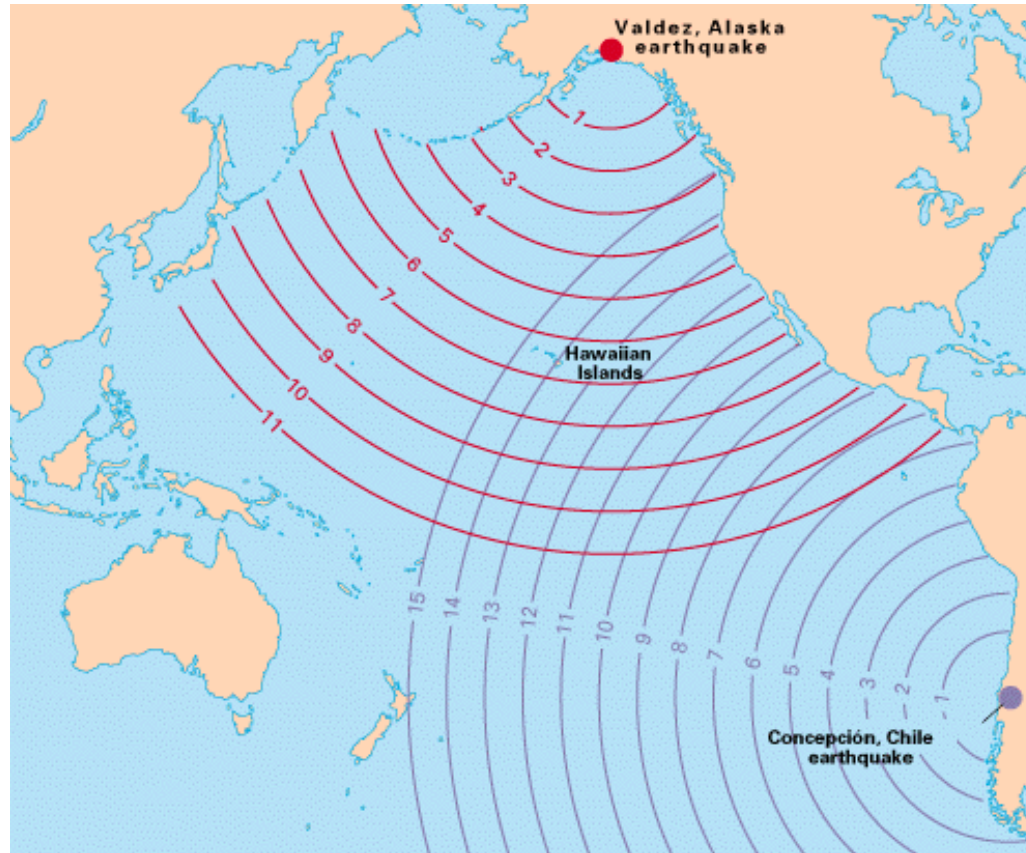


Image courtesy of USGS.

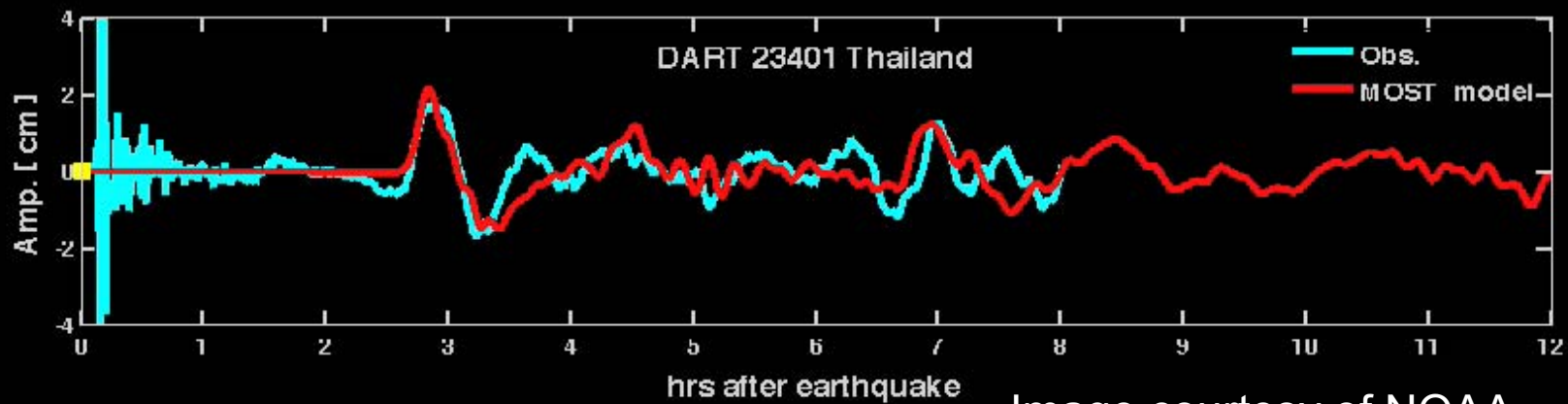
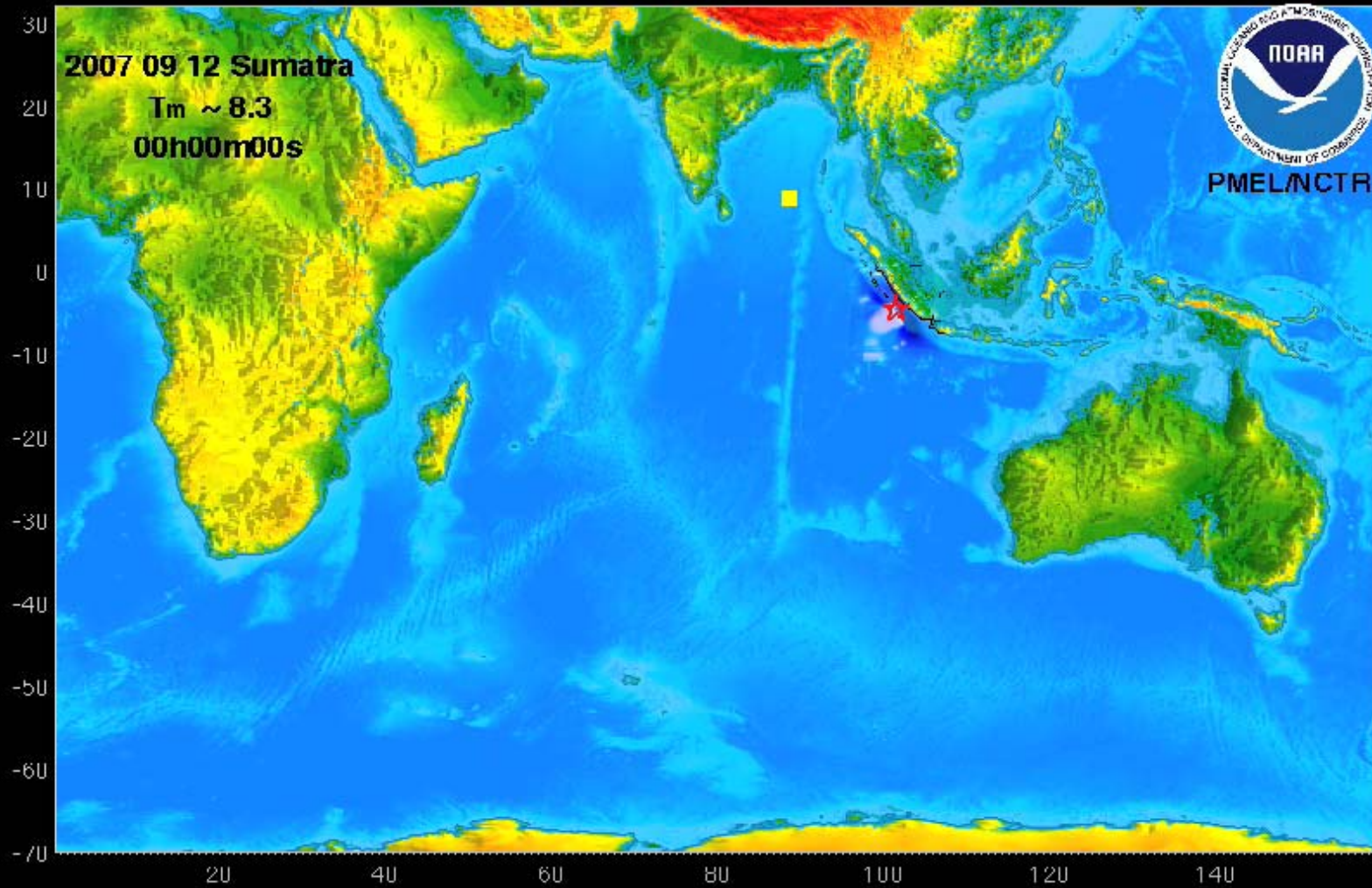


Image courtesy of NOAA.

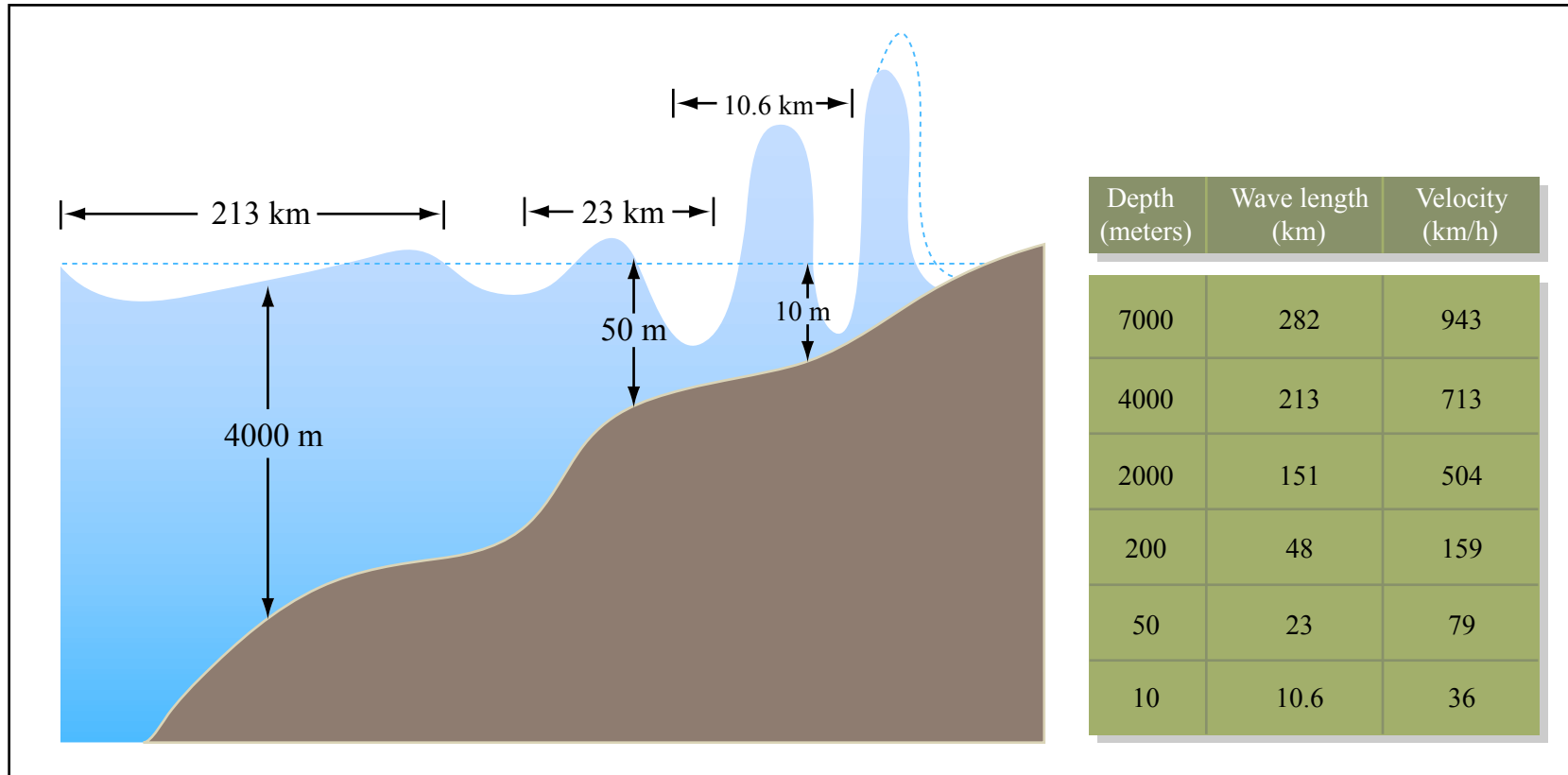


Figure by MIT OpenCourseWare.

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12.103 Science and Policy of Natural Hazards
Spring 2010

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