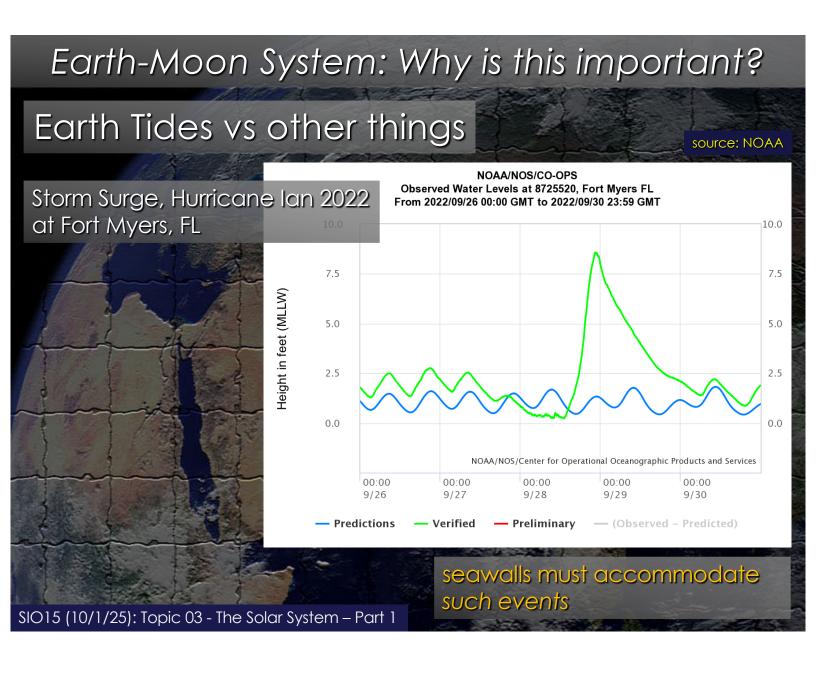
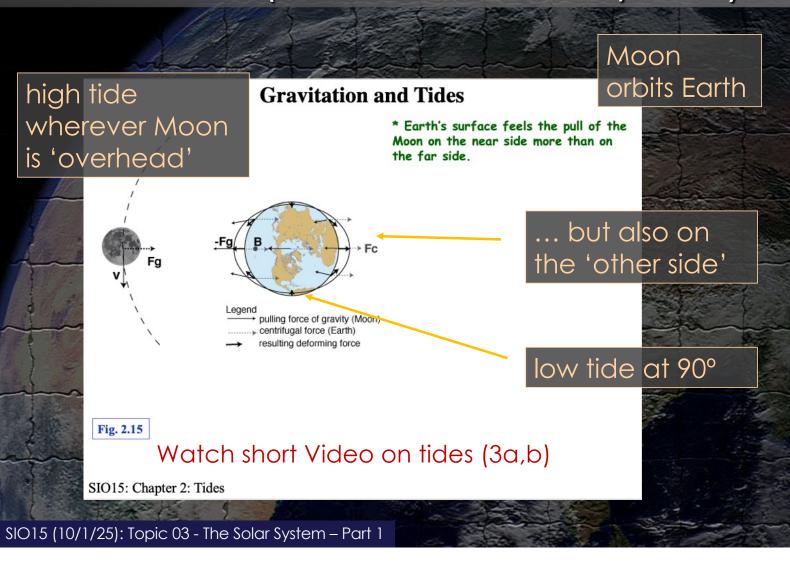


Earth Tides vs other things 2025 Kamchatka Tsunami at Crescent City, CA Chema 2007/20 900 Out to 2020/20 130 Out 100 Out 100

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Earth Tides (Sun-Earth-Moon System)



Change of Tides at a Specific Location

Most places on Earth experience two high tides and two low tides per day (semidiurnal tides).

For example, the tides on October 5, 2007 at the SIO pier looked like the diagram to the right:

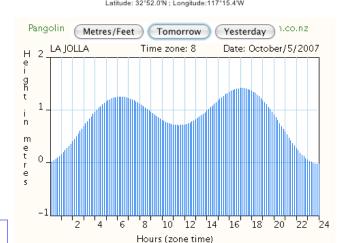
Fig. 2.17

A few places experience only one high and one low tide per day (diurnal tides).

The tides throughout the day look like this:

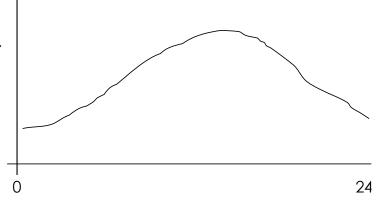
SIO15: Chapter 2: Tides

Scripps Institution of Oceanography Pier Tide Predictions



http://ocean.peterbrueggeman.com/piertide.html

(Remember to correct for Daylight saving time)



Change of Tides at a Specific Location

Most places on Earth experience two high tides and two low tides per day (semidiurnal tides).

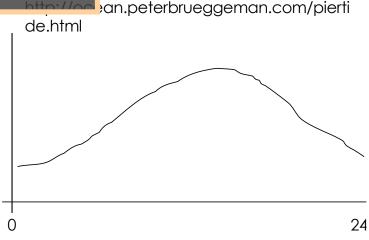
For example, the tides pier looked like the d to the right:

October 5, 2007 at the high and low ides occur daily Hours (zone time) mber to correct for Daylight saving time)

A few places experience only one high and one low tide per day (diurnal tides).

The tides throughout the day look like this:

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Scripps Institution of Oceanography Pier Tide Predictions

Time zone: 8

Metres/Feet Tomorrow

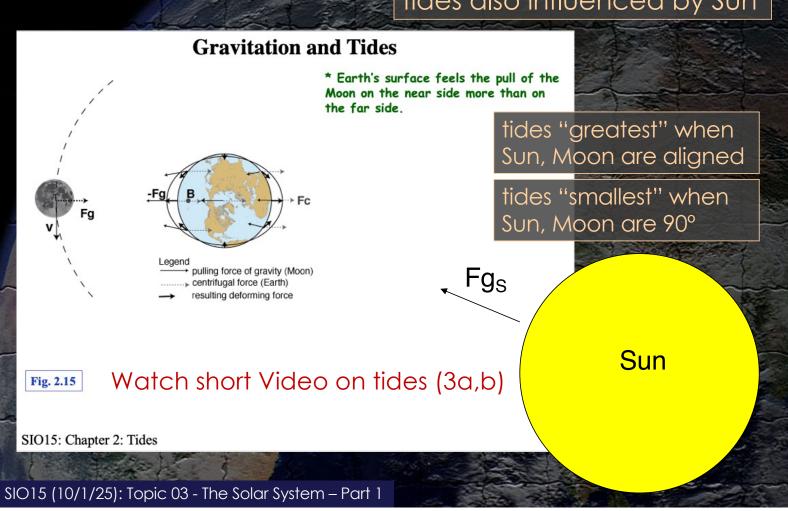
LA JOLLA

Yesterday 1.co.nz

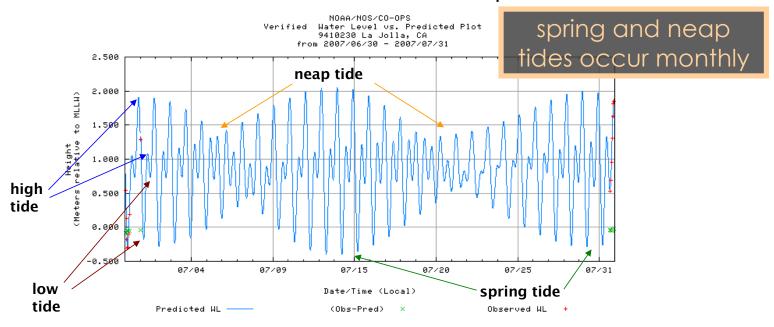
Date: October/5/2007

Earth Tides (Sun-Earth-Moon System)

tides also influenced by Sun



The Moon, Sun and Tides at a Specific Location



http://tidesandcurrents.noaa.gov

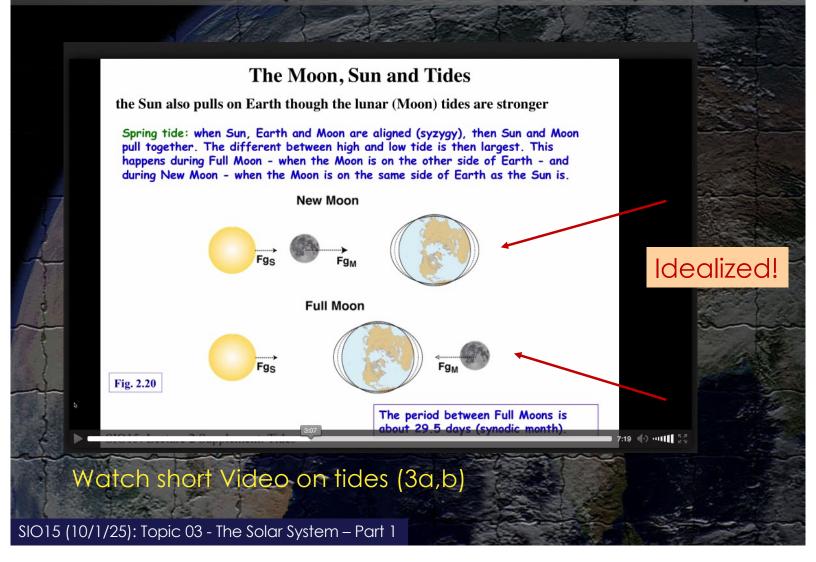
during a synodic month, La Jolla experiences two spring tides and two neap tides.

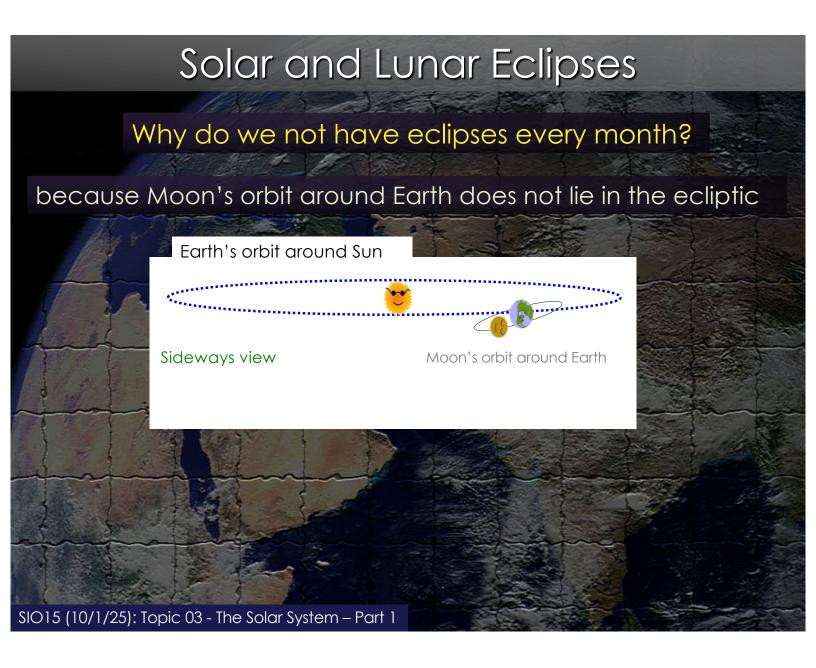
The period between Full Moons is about 29.5 days (synodic month).

Tidal range: High-low tide

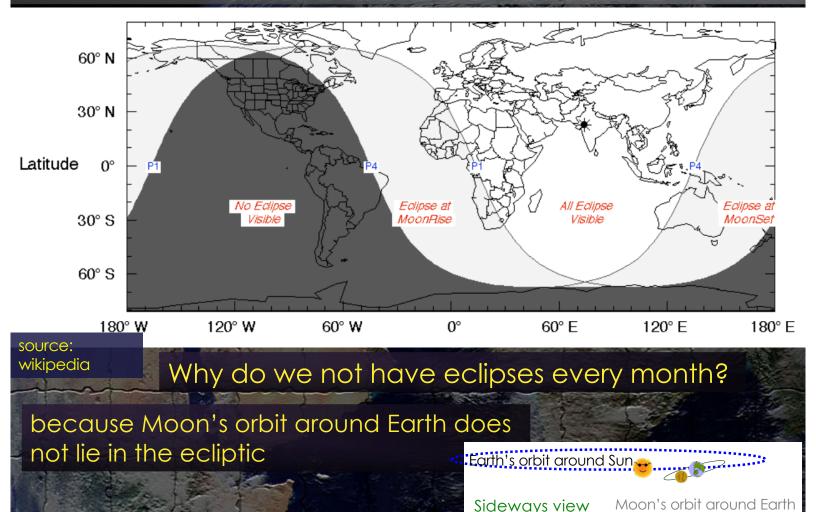
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Earth Tides (Sun-Earth-Moon System)









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