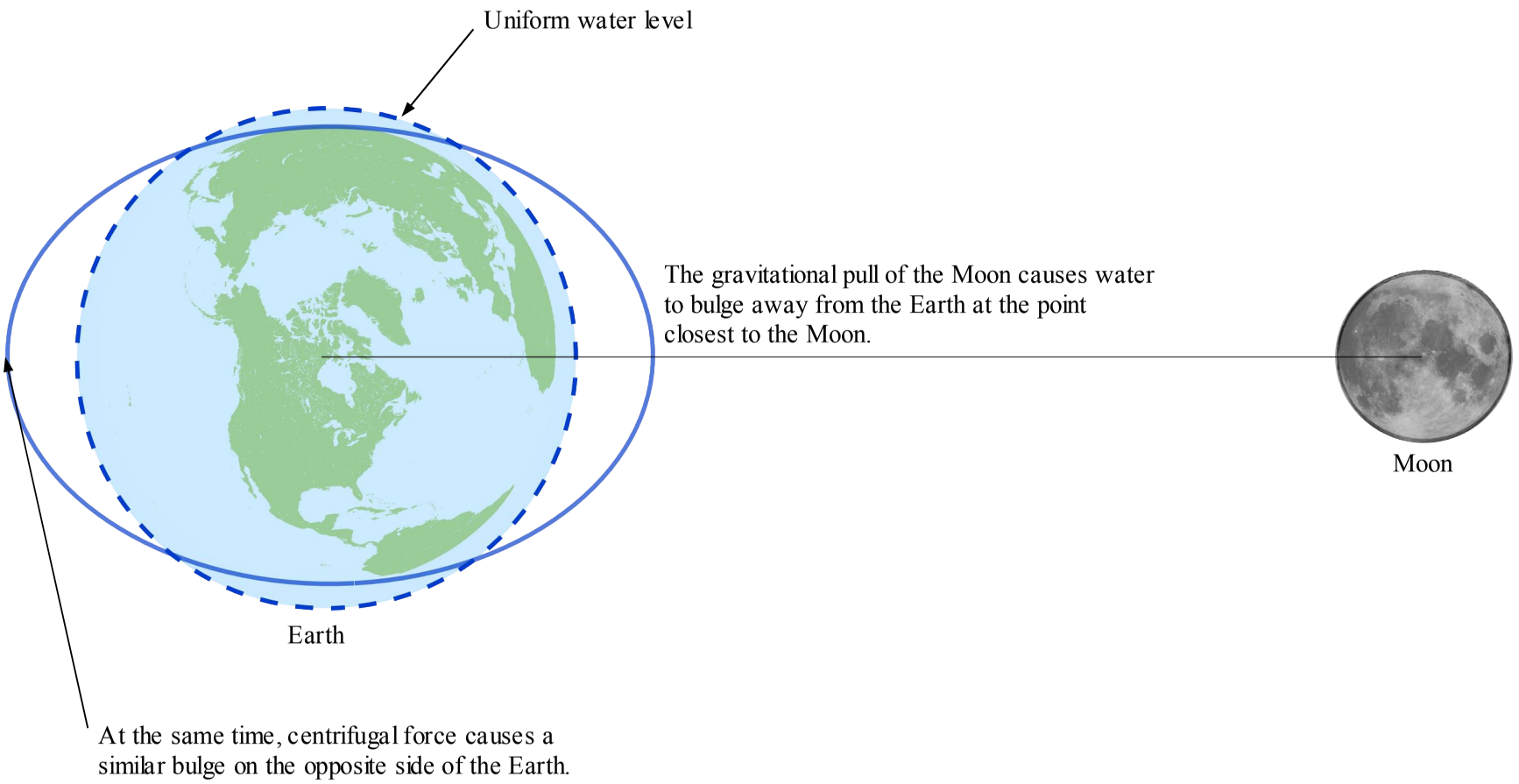
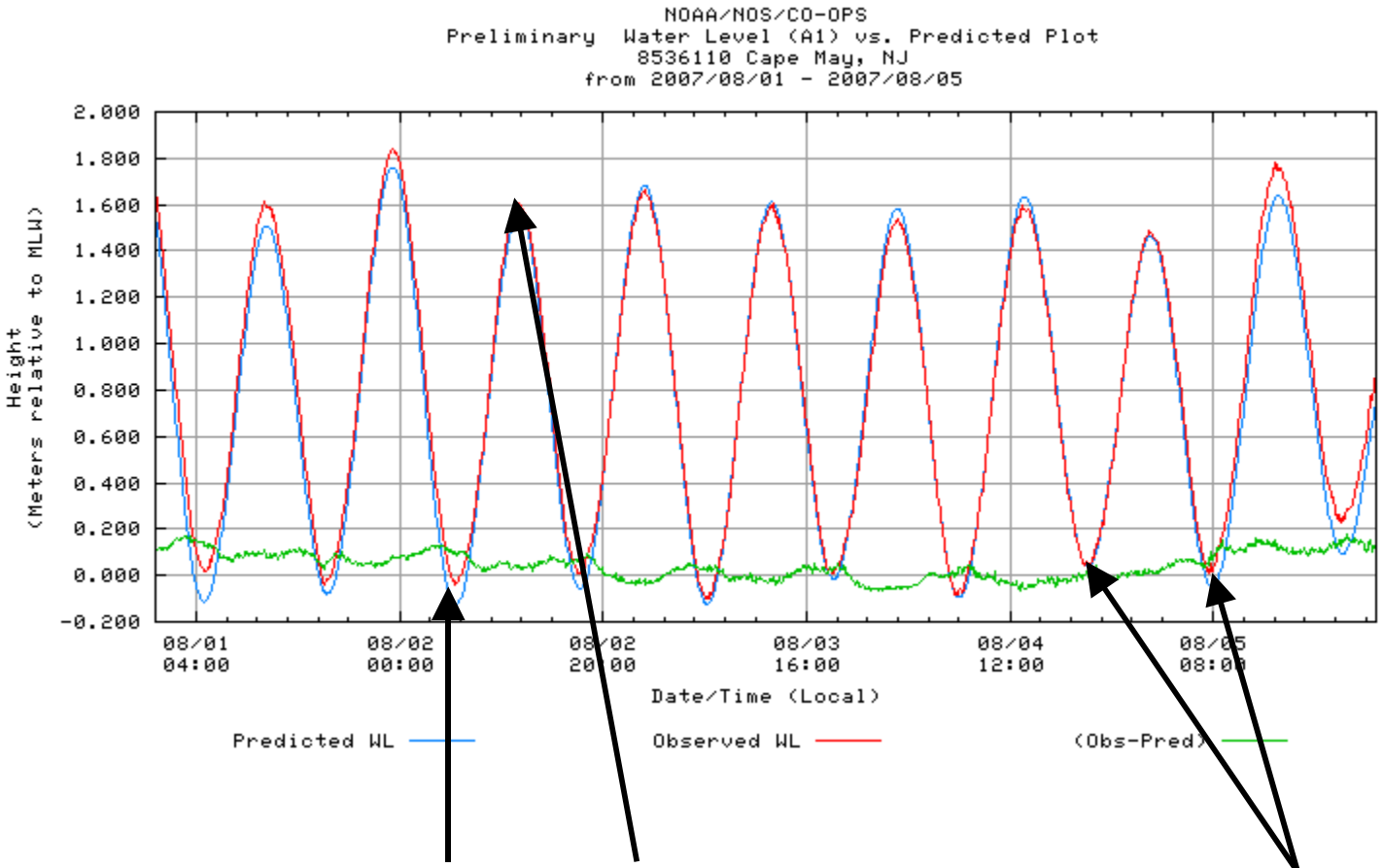
What Causes Tides?



Adapted from Sverdrup, K. & Armbrust, E. V. (2008). *An Introduction to the World's Oceans*, 9th ed. McGraw-Hill. Figure 11.5, p. 284.

Moon image: NASA

Looking at Tide Data



Along the y-axis, the measurement from the lowest point to the highest point in each cycle is the tidal change in water level.

Along the x-axis, the measurement between consecutive low tides or consecutive high tides is the time period of the tidal cycle.