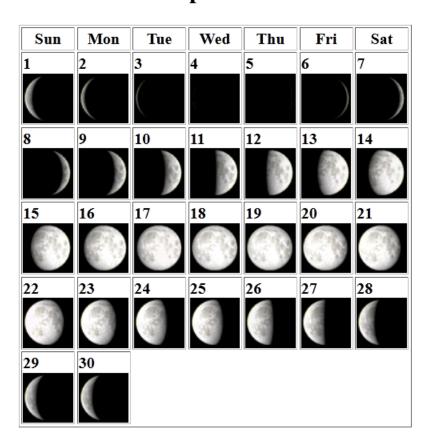


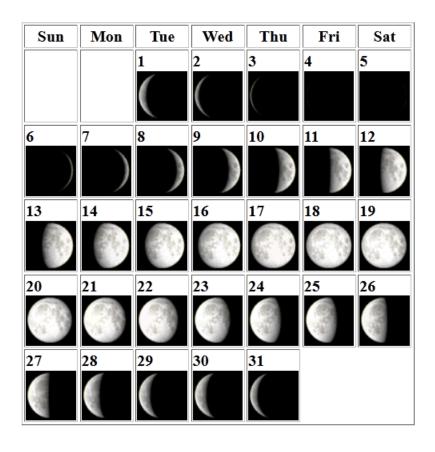
When do you think we'll see the highest high tides?

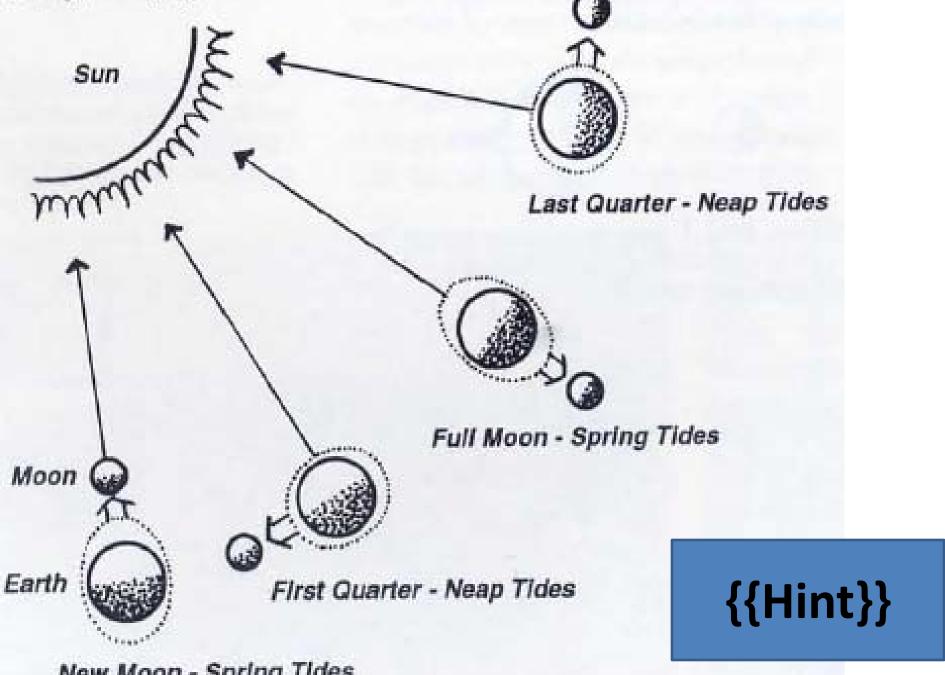
When should we expect the lowest high tides?

Sept 2013



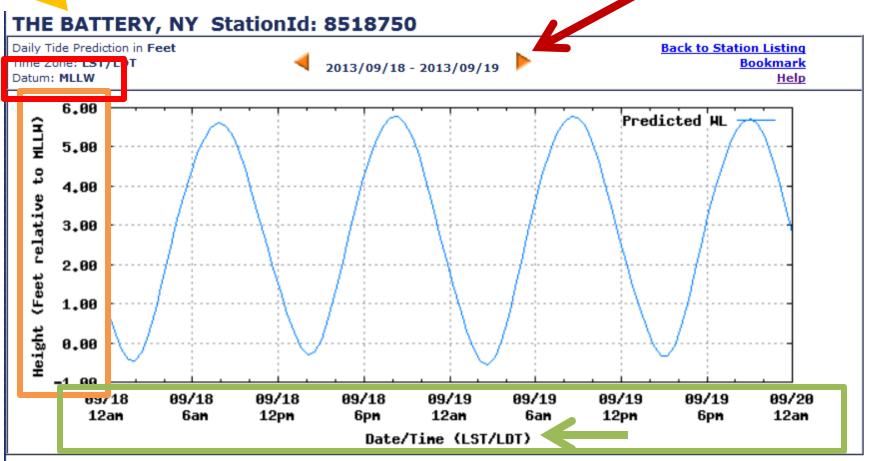
Oct 2013





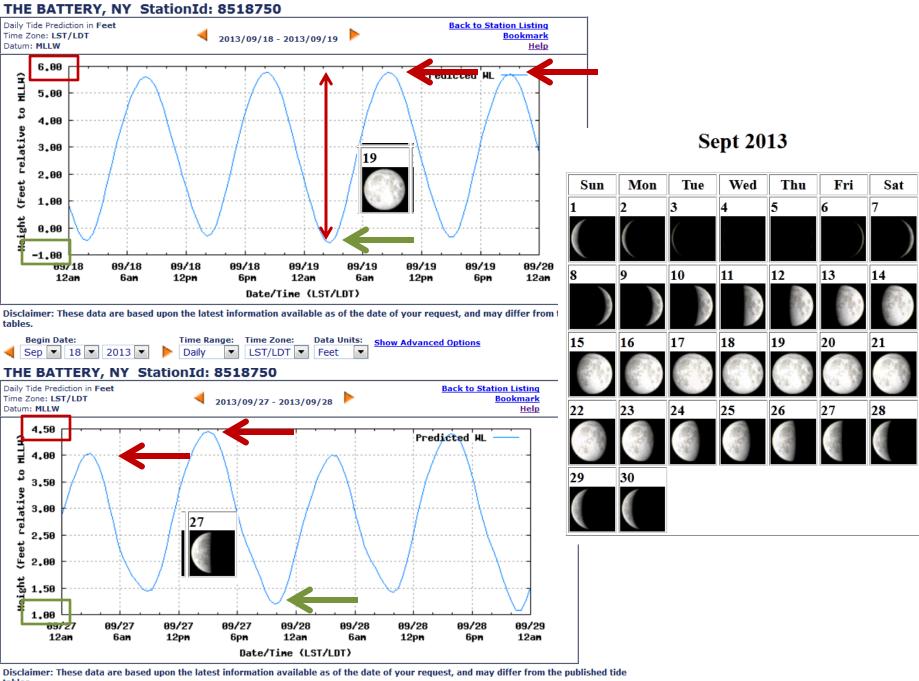
New Moon - Spring Tides

Tide tables



Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.





tables.

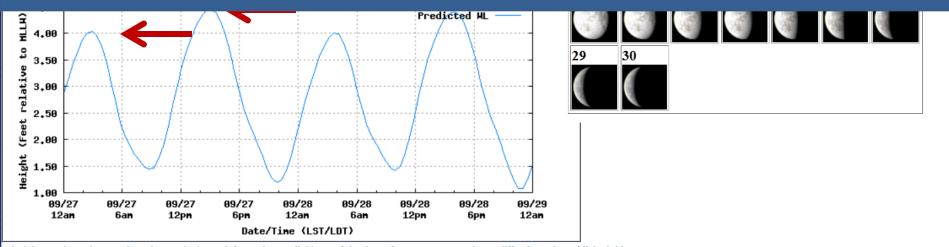
Begin Date: Time Range: Time Zone: Data Units: Show Advanced Options

Sep ▼ 27 ▼ 2013 ▼ Daily ▼ LST/LDT ▼ Feet ▼



What about the new moon? How high do you think the high and low tides will get?

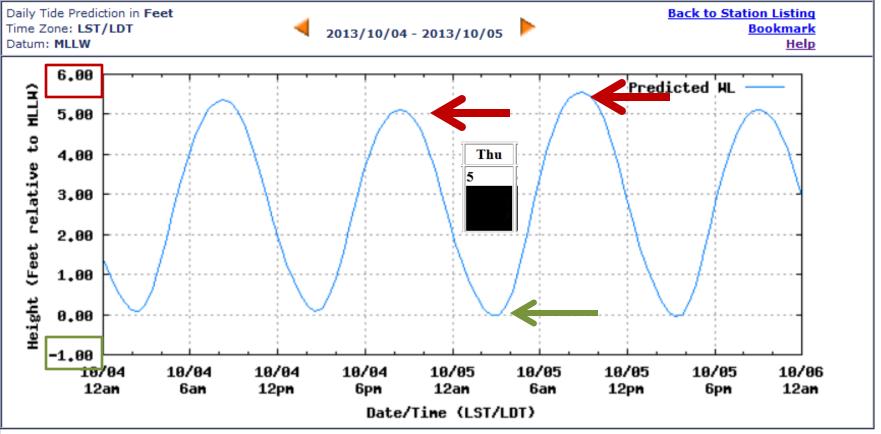
Make a prediction & write it down!



Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.

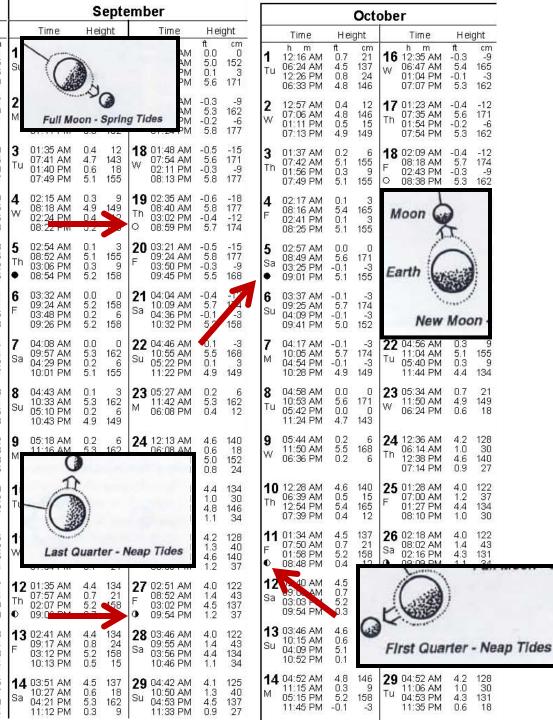


THE BATTERY, NY StationId: 8518750

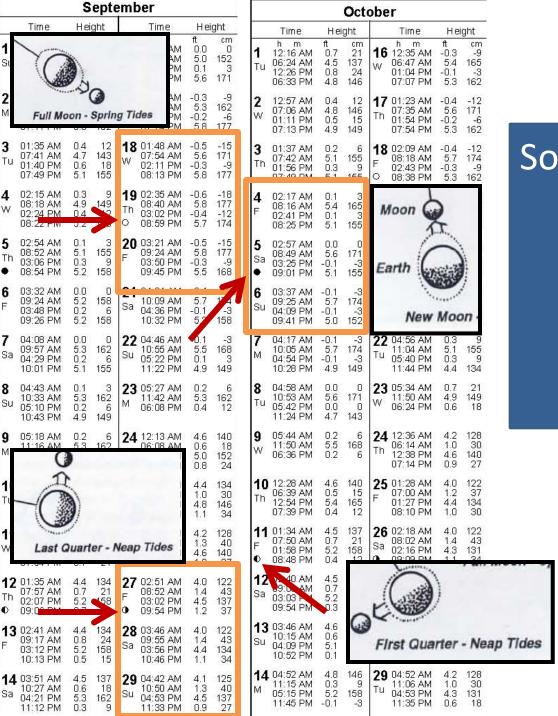


Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.





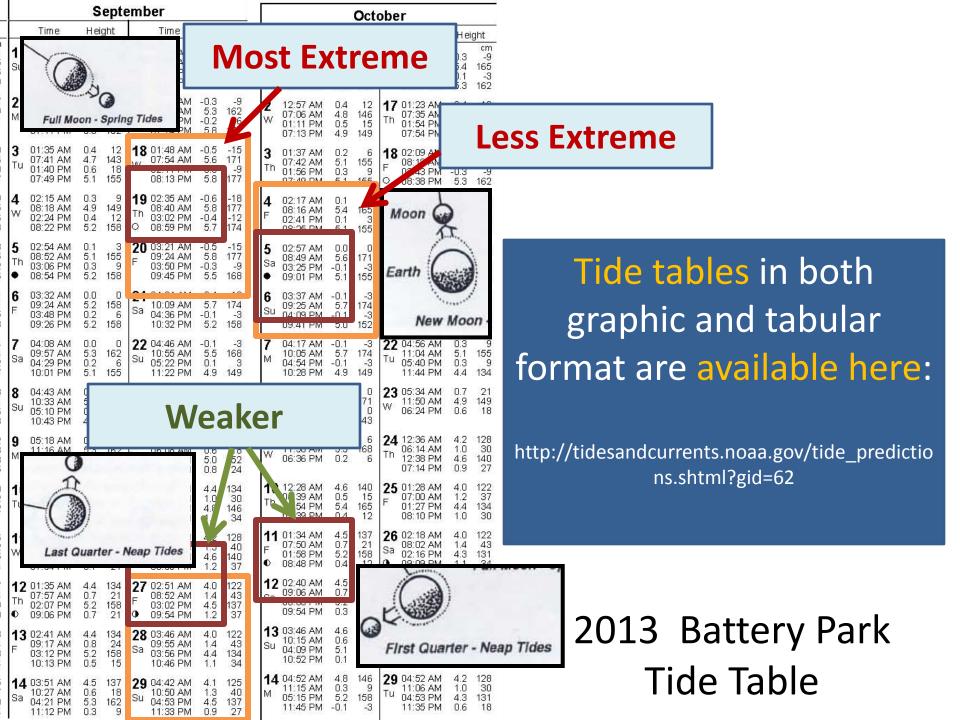




So...back to our question.
When do we see the highest high tides?

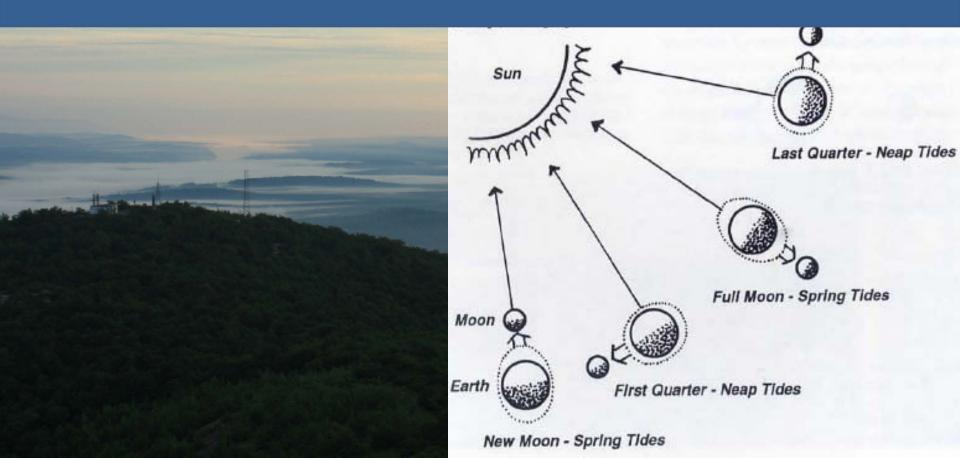
When do we see the lowest high tides?

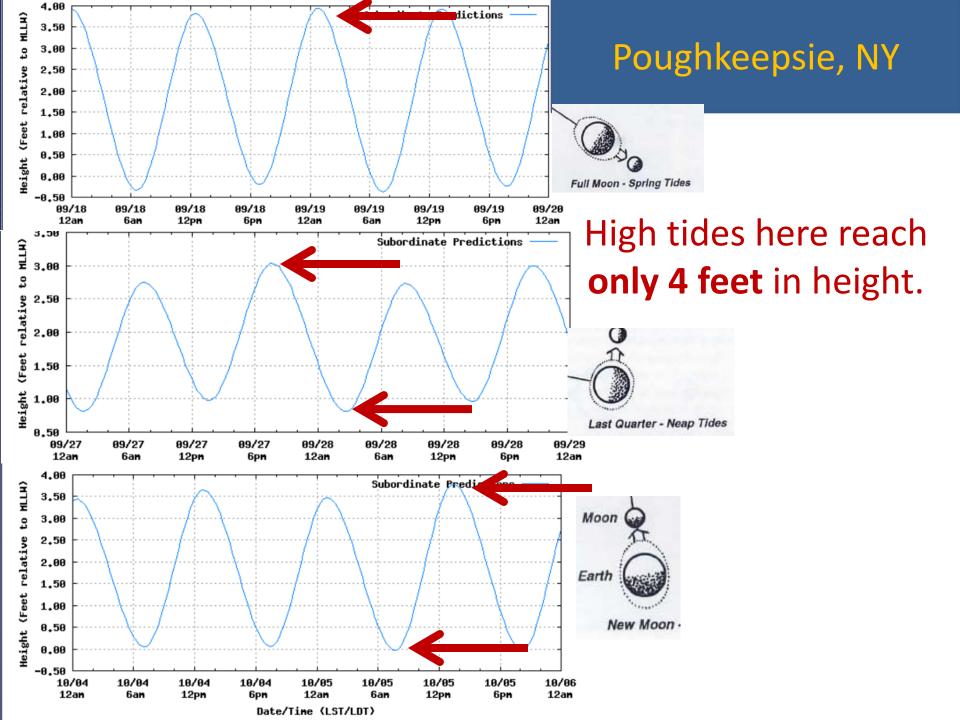
2013 Battery Park Tide Table

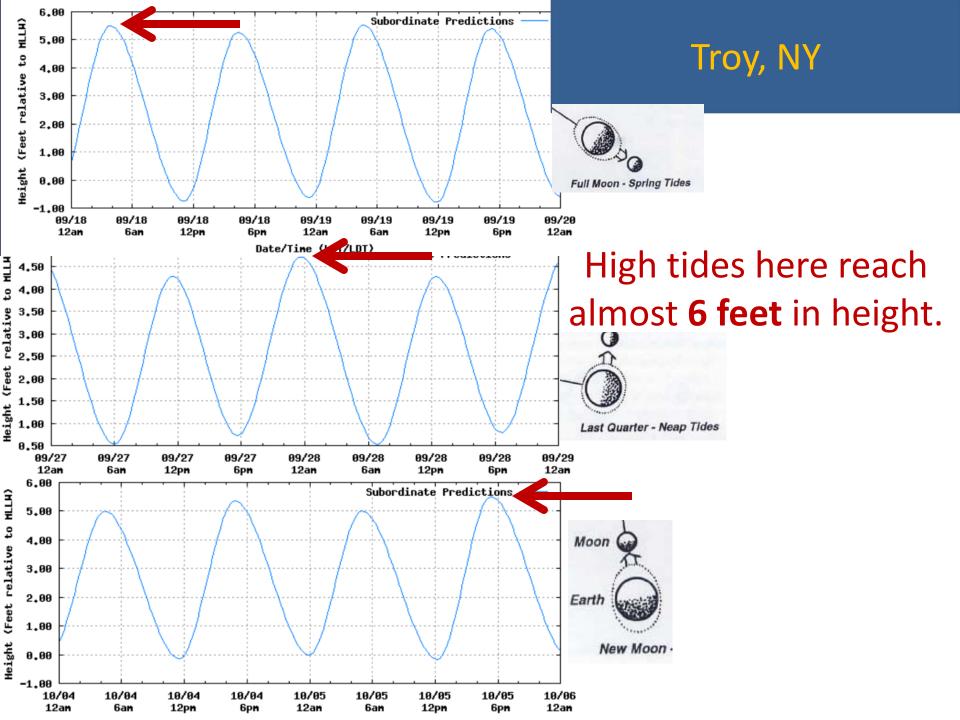


So now you know a lot about the tides, but are the tide tables from the Battery at New York harbor accurate for other places along the river?

Why or why not?







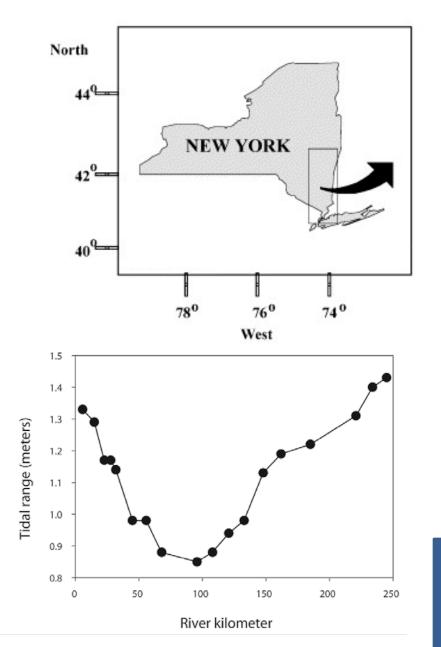
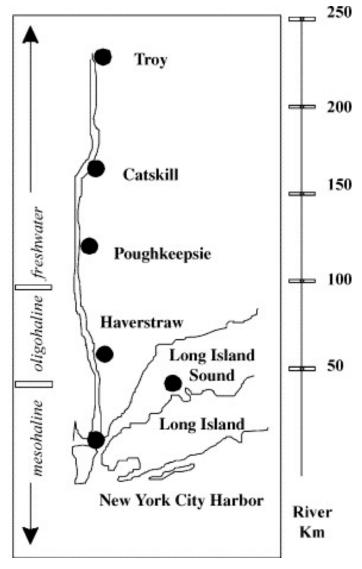
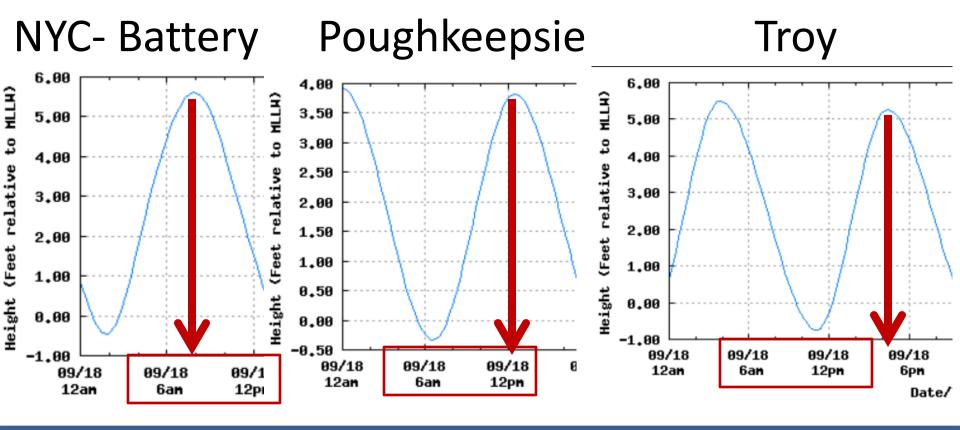


Figure from D.L. Strayer's The Hudson River Primer



Tidal height varies along the river!



It takes a little over 9 hours for a tide to reach Troy.

In addition to combating the current from the normal downstream flow of the river, the incoming tide also pushes against the outgoing tidal current.