In-class assignment II:

Before you start answer the following questions:

1. The city of Bangor is ~158ft above sea level. How do you expect tides in Bangor to compare in amplitudes to those in the GOM? at Bucksport, ME?

2. Which do you expect to lead in tide phase: Bangor or Bucksport?

Using NOAA's tide tables (http://tidesandcurrents.noaa.gov/tides07/tpred2.html, and then click Penobscot Bay)answer the following:

1. How are the amplitudes distributed along the Penobscot (from North Haven to Bangor?

2. How does the tide propagate (where is it first)?

3. How do these result agree with your predictions?

Station	Lat	Lon	amp	Phase order
Bangor				
Bucksport				
NorthHaven				