



Tides

Inquiry Warm-Up, *When Is High Tide?*

In the Inquiry Warm-Up, you investigated high tide times in different cities along the same coast. Using what you learned from that activity, answer the questions below.

1. **OBSERVE** Where is Portland in relation to Portsmouth and Bar Harbor?

2. **PREDICT** Would a city located west of Portsmouth have an earlier or later high tide? Would a city located east of Bar Harbor have an earlier or later high tide?

3. **INTERPRET DATA** Compare the differences between the morning and evening high tide times in Portsmouth and Bar Harbor. What does this tell you about the tides in these cities?

4. **OBSERVE** Locate Nantucket on the map. Which city in Maine would have about the same high tide times as Nantucket?
