The National Climate Assessment (NCA) is a multiagency project, in part working on studying the effects of climate change, and mitigation of environmental impacts from climate change. Read the National Climate Assessment’s report on climate change specific to the Northeast U.S., found at:

<http://nca2014.globalchange.gov/report/regions/northeast>

**On a separate sheet of paper, either typed or very neatly written, answer the following questions:**

1) Between 1895 and 2011, how much have temperature and annual precipitation increased in the Northeast U.S.?

2) Describe, in your own words, some of the projected changes to temperature and precipitation over the next century.

3) What is the “urban heat island” effect, and how does this play a role in the impacts of climate change on the Northeast?

4) Describe some of the projected impacts of sea level rise in the Northeast.

5) Why have frosts and freezes been more damaging to agriculture in recent, warmer years? (*Note: Two examples of this problem are discussed)*