


HRECOS Data Analysis and Prediction

Plot type: 1 or 2 Parameters Compare Years 

Station Order: [Alphabetically](#) [North to South](#)

Station 1:

Parameter 1: [About](#)

Units:

Start Date:

End Date:

Compare To:

Time Zone:

Directions:

Click on this <https://hrecos.org/>

1. For Plot Type, select "Compare Years".
2. For Station 1, select Piermont Pier, NY (hydro)
3. For Parameter 1, select "Water Temp".
4. For Units, select "English" and "Daily Avg"
5. For Start Date, select 2009-07-01.
6. For End Date, selection 2009-07-30.
7. Compare to 2010.
8. Hit "Plot 1".
9. Save your graph.
10. Repeat steps 7-9 for 2011, 2012, 2013, 2014, 2015, and 2016.
11. You should have 7 graphs.
12. Once you have completed the above steps, answer the questions below.

Discussion/Prediction

1. What trends did you notice about water temperature between 2010 and 2016?
2. Were there any exceptions?
3. Make three predictions about why water temperature is increasing.
4. **EVALUATE:** Looking back at yesterday's activity on sea level rise in the Hudson, and knowing that the Hudson has had greater sea level rise than the global average, come up with three possible explanations for why this may be the case.

Exit Ticket

On the map below, mark places you think will flood when sea levels rise 6 feet. Below, explain why. You MAY use prior knowledge (hint hint).



Explanation: