

Onondaga Lake Water Quality

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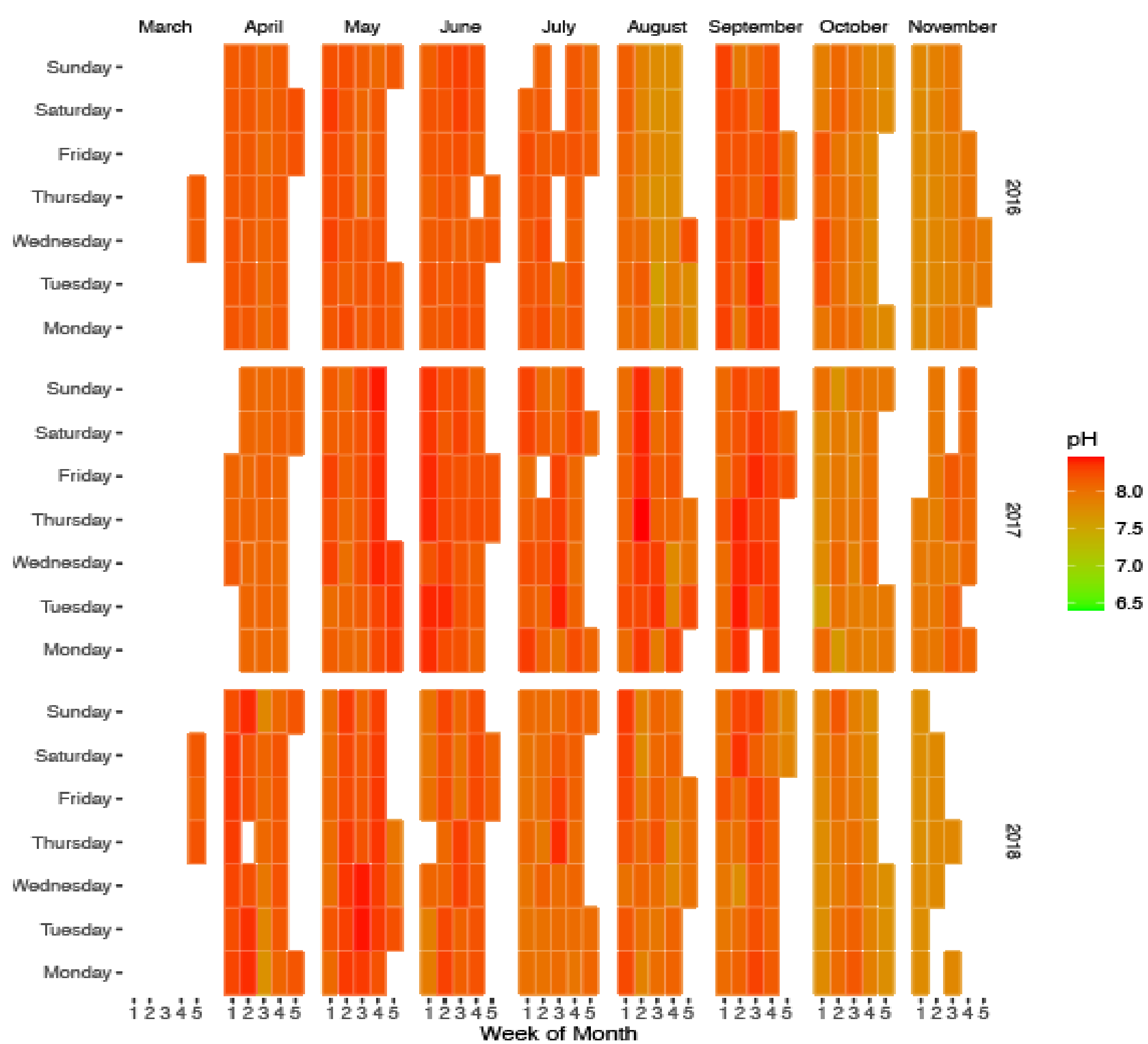
IST-719
Viz-a-thon

Story:

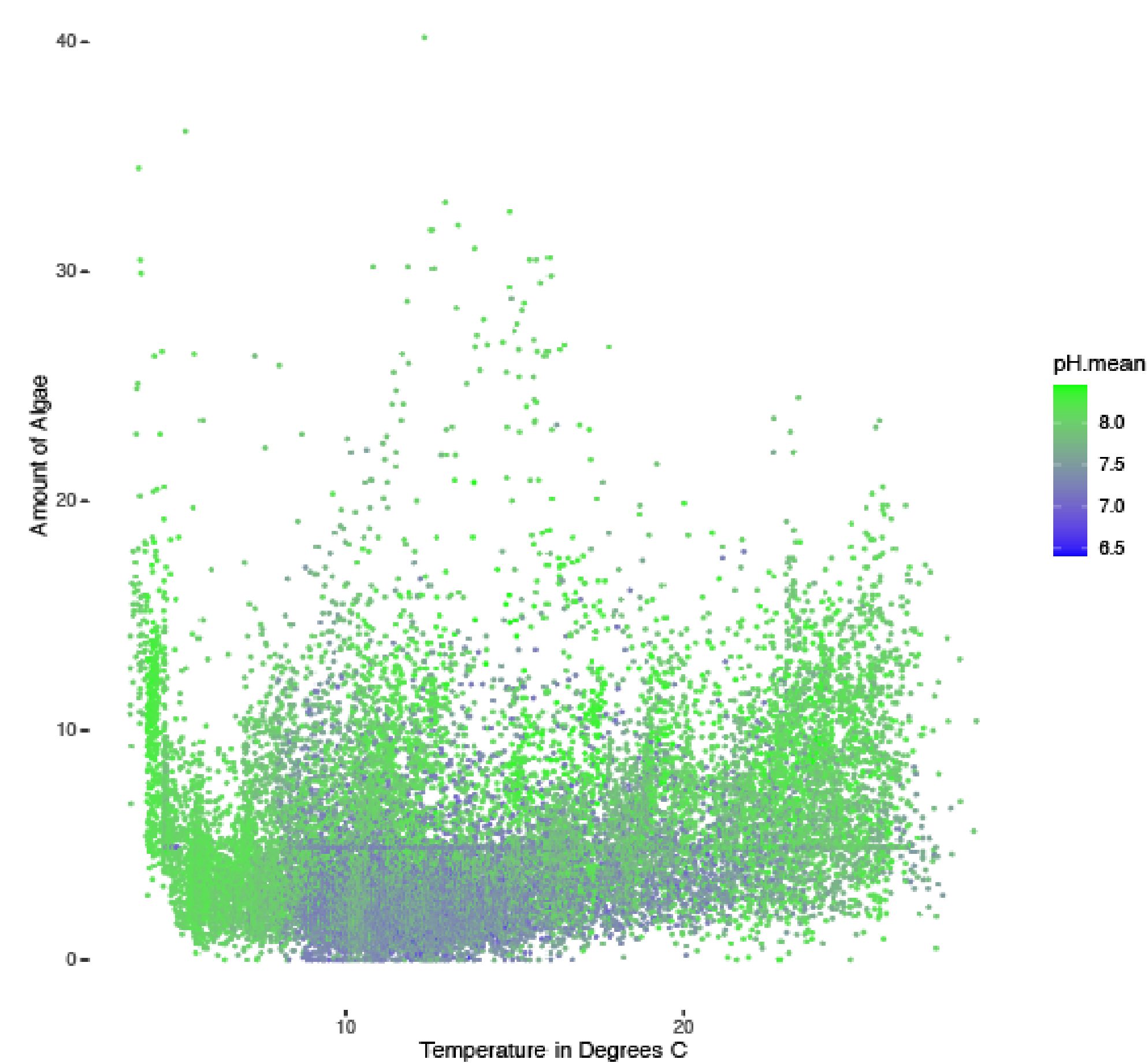
Onondaga lake has undergone a massive cleanup of toxic chemicals and sewage in the past several decades. As these efforts continue, Onondago County has released its priliminary plans for a beach at the north end of Onondaga Lake. Question is what is the acidity level and is it ready for public use yet?

Audience: City of Syracuse, Tourists, Environmenatlists.

Changes in pH level over the past 3 years?

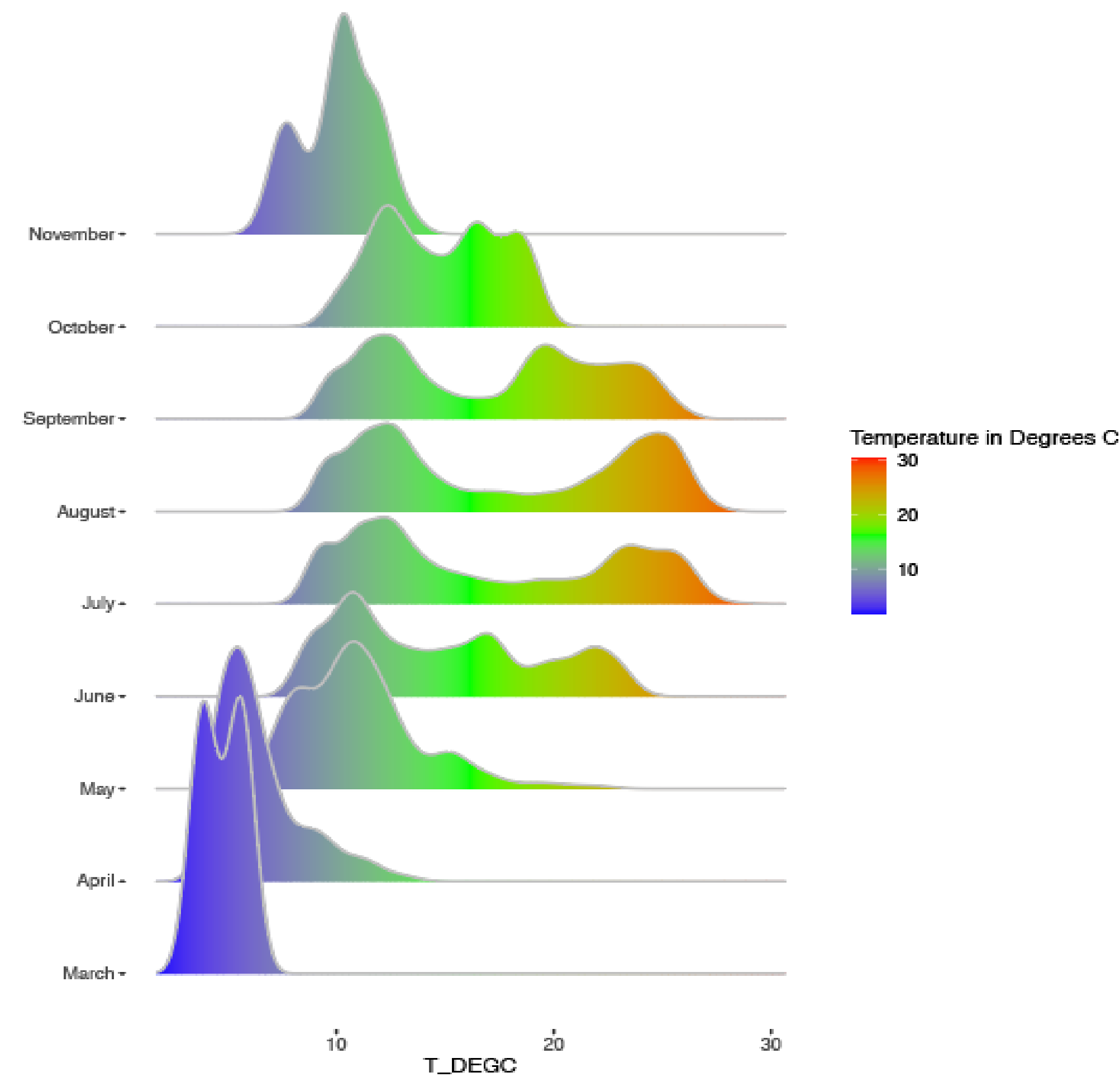


Variation in Algae and pH vs Temperature

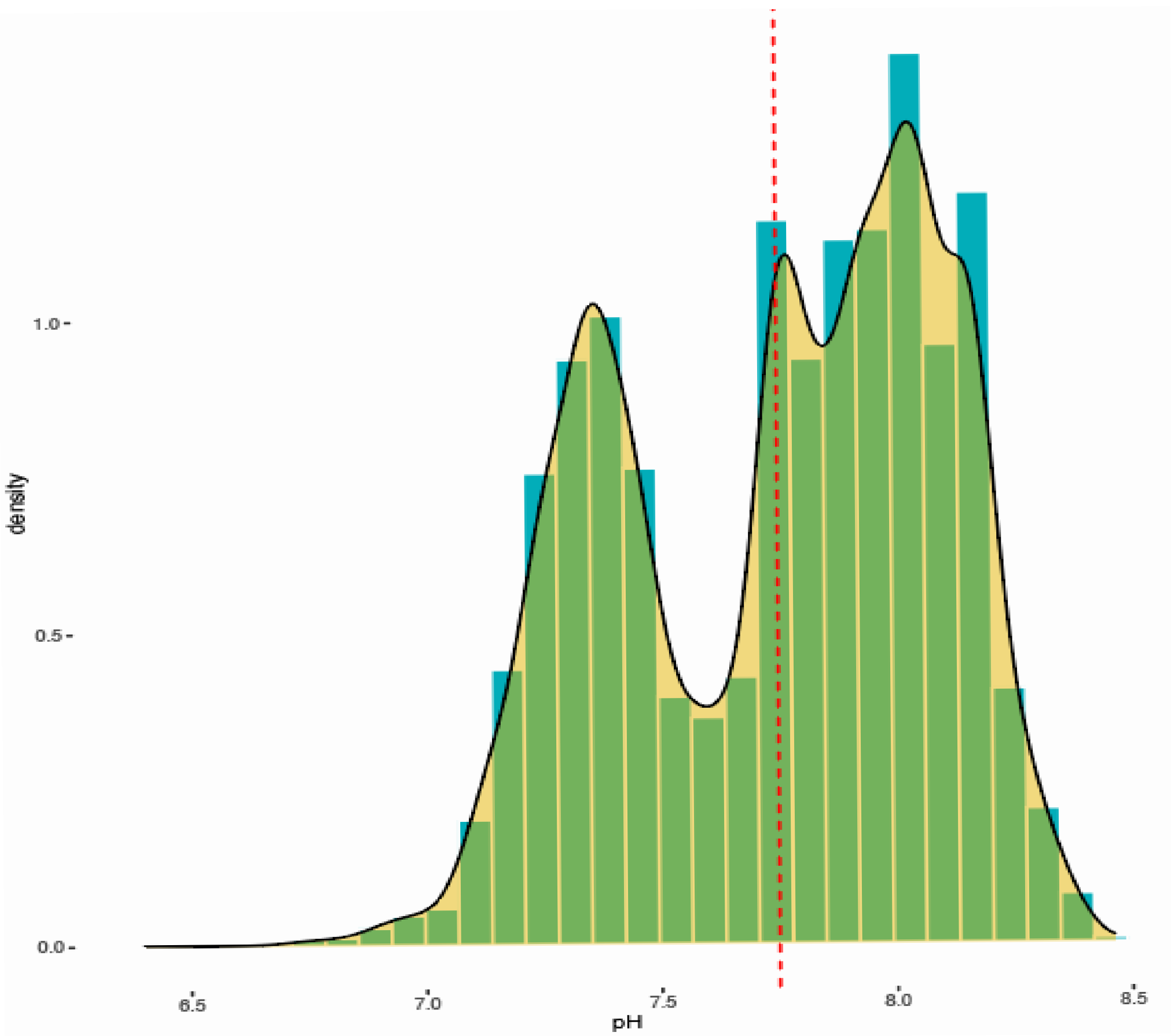


- Questions:**
1. How does tempature effect the pH level and Algae content of the water?
 2. has there been changes in pH Values over time?
 - 3.Is the beach safe to swim?

Best time to Swim in the water



pH Level is safe (within normal level)



Conclusion:

Data has evidence that the pH level is within the normal range and the Onondaga lake beach is safe for public use.