

Onondaga Lake Water Quality

Sathish Rajendiran, Sathish Rajendiran, Sathish Rajendiran

IST-719
Viz-a-thon

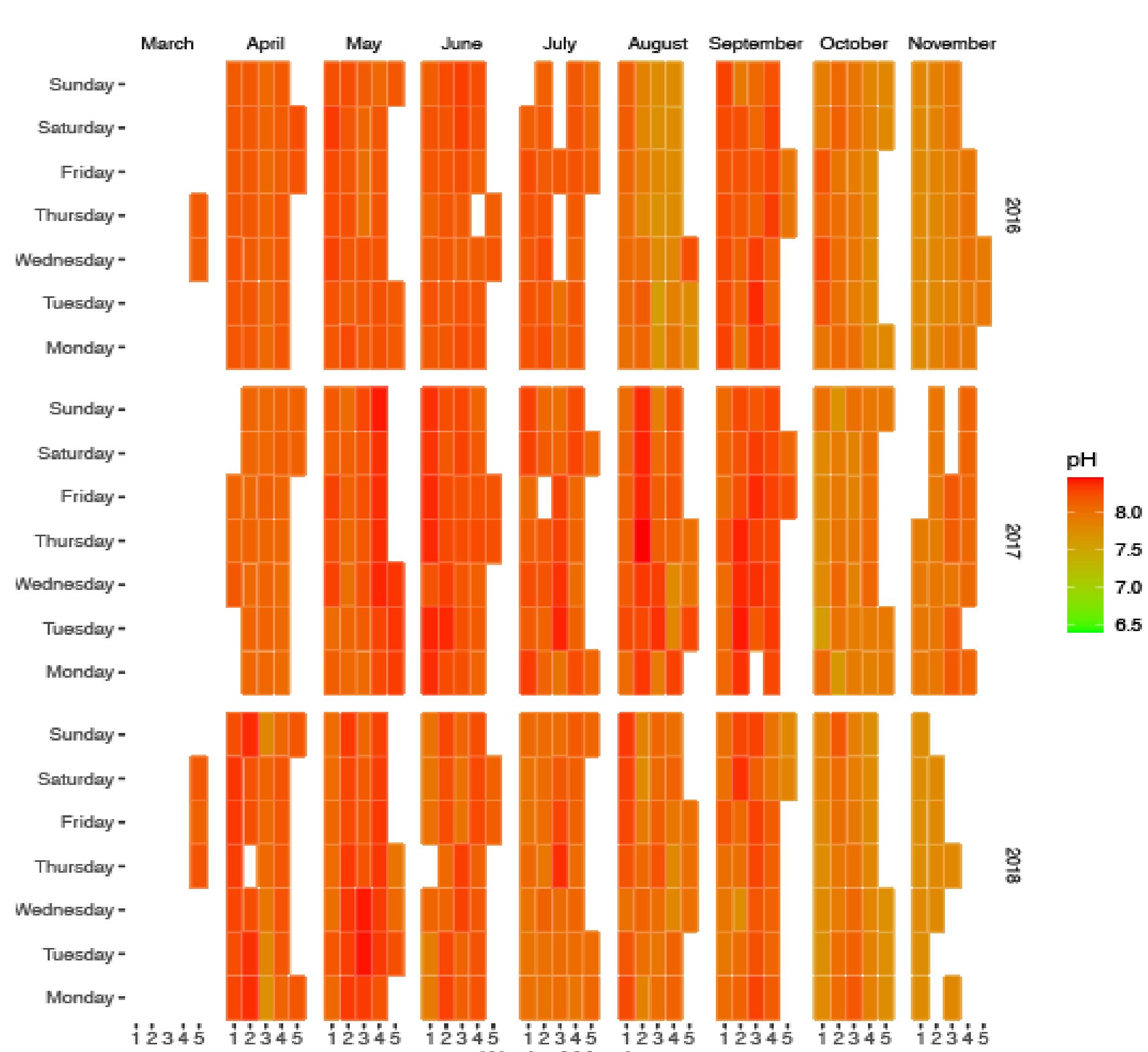
Story:

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 preliminary 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?

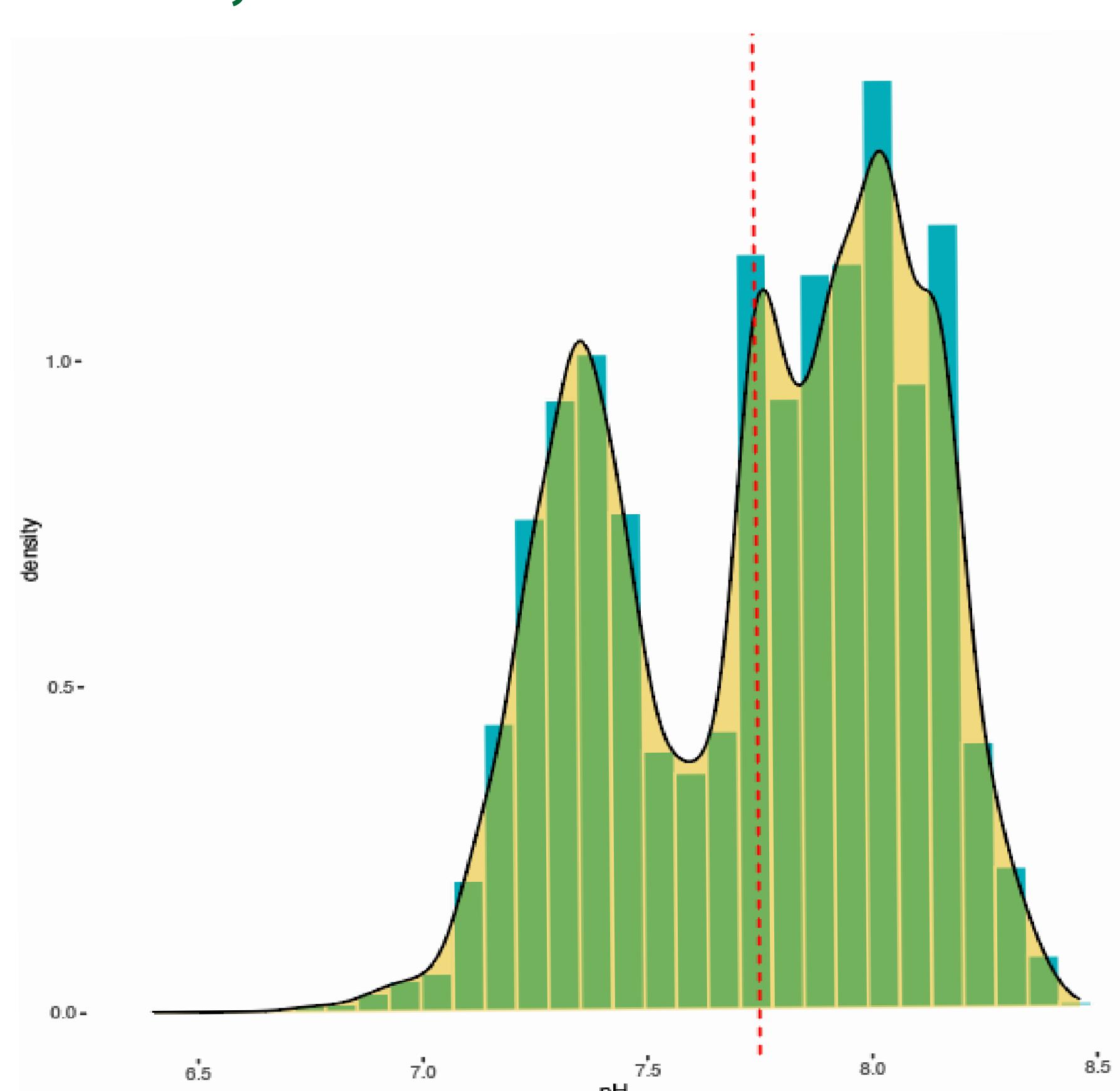


Audience: City of Syracuse, Tourists, Environmentalists.

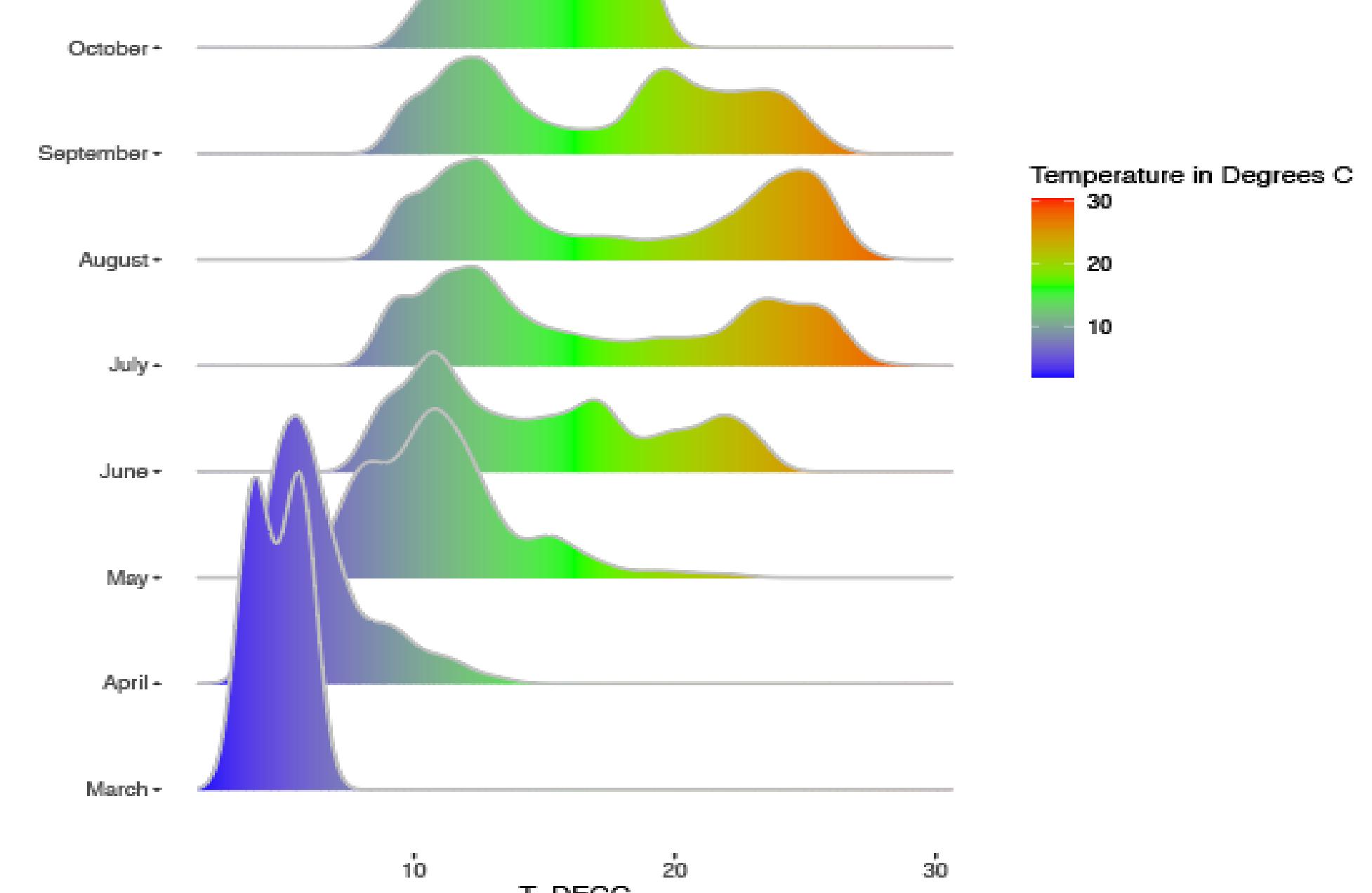
How has been the pH level over the past 3 years?



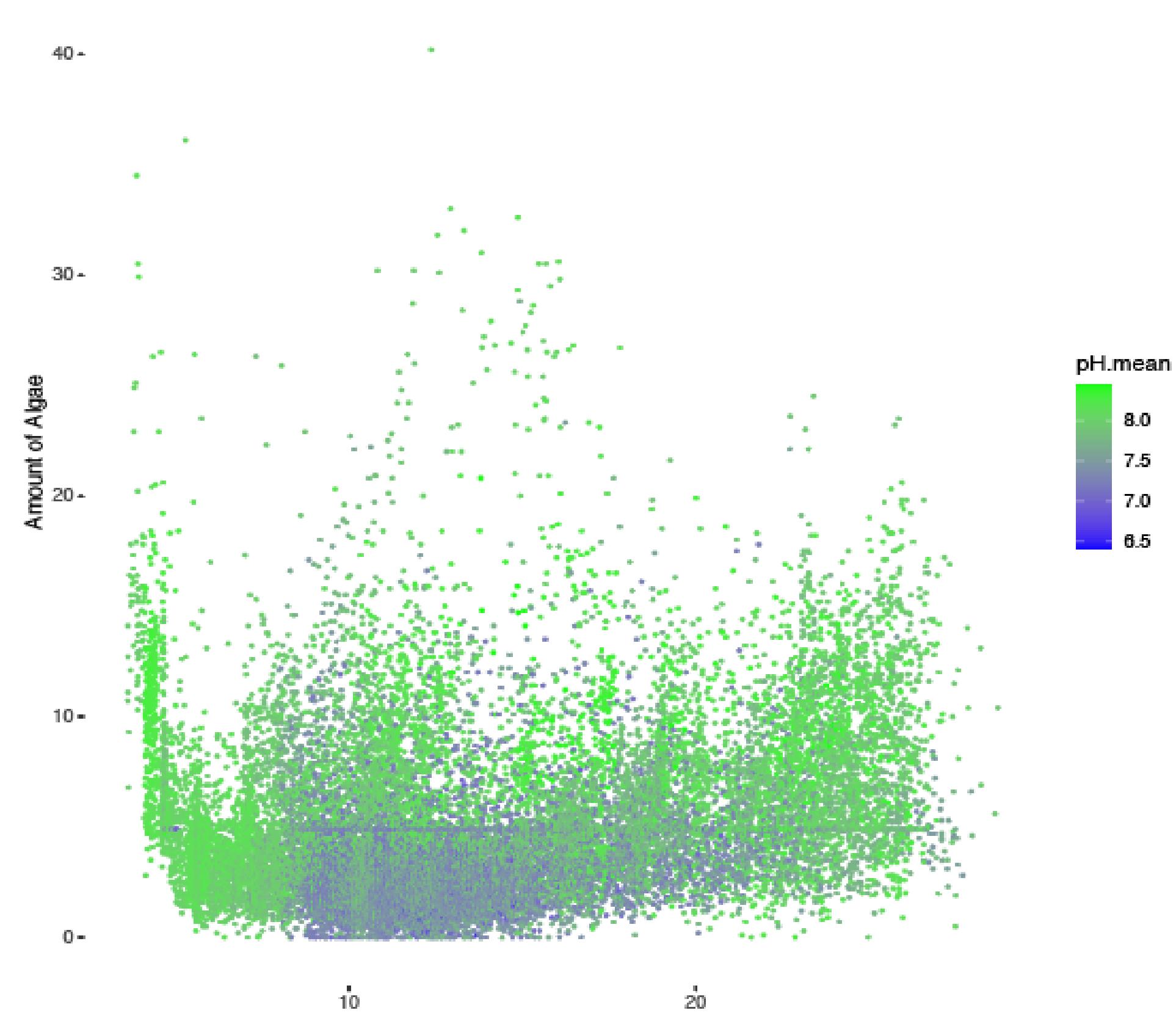
pH density distribution



What is the temperature across months?



Algae vs pH vs Temperature



This data is sourced from,

1. Onondaga County Department of Water Environment Protection and Upstate Freshwater Institute
2. NOAA National Climate Data Center

Data Size:

Total Number of Observations: 24325

Total Number of Variables: 12

Data Size is 11676

Recommendation

Data Size is 11676