

Understanding Onondaga Lake Water Quality

Context: Onondaga Lake is located in Central New York State. In 2017, following a 15 year multi-staged program to clean the lake has been reopened to swimming and fishing. With these types of activities, certain conditions are the most optimal.

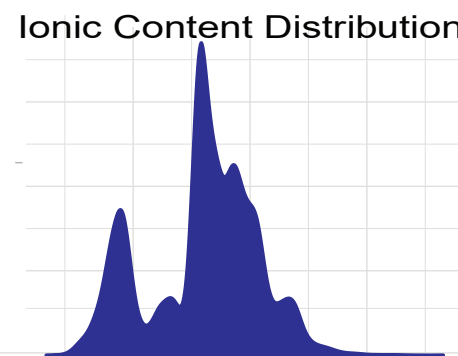
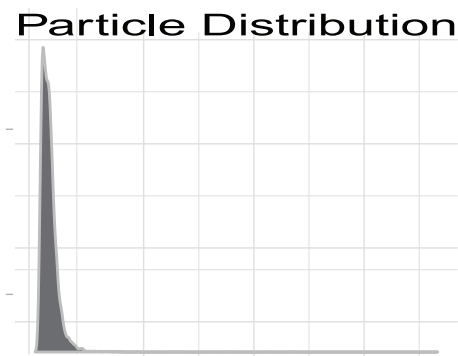
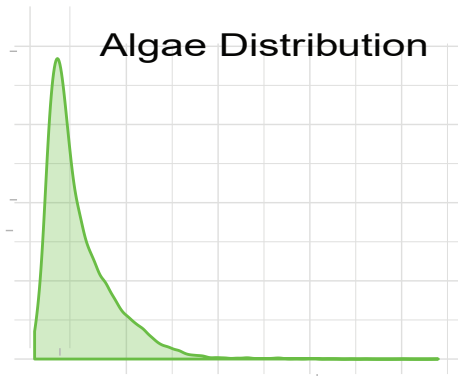
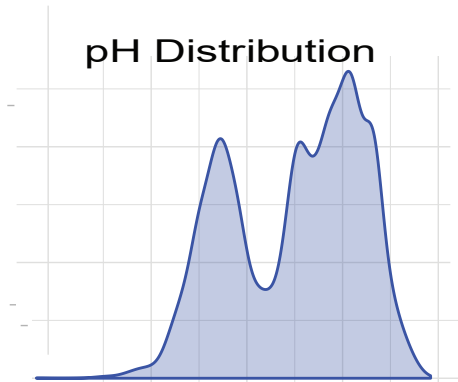
Data Source:

Onondaga County Department of Water Environment Protection and Upstate Freshwater Institute: South Deep Station 2016-2018

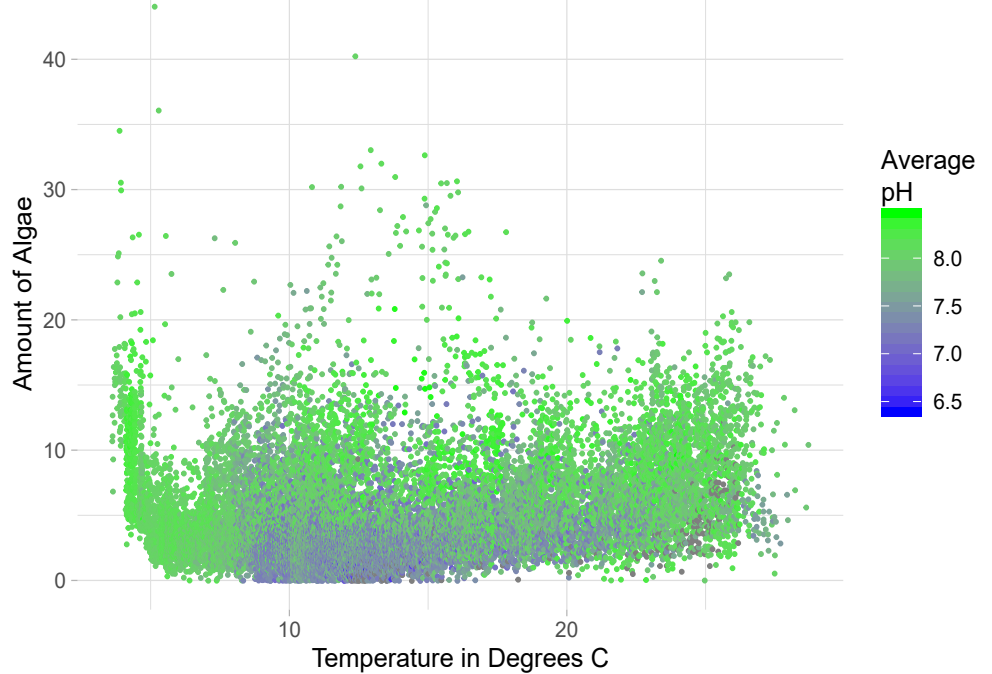
Questions:

How does temperature effect the pH level and Algae content of the water?

How does temperature effect the Cloudiness and Saltiness of the water?



Variation in Algae and pH by Temperature



Variation in Ionic Content and Cloudiness by Temperature

