

Compare salinity based on time of year (month or season). Create a graph of this information. (5.ATO.1, 5.ATO.2, 5.ATO.3, 5.G.1, 5.G.2)

Find the mean, median, and mode of salinity values taken in a day, week, or month. (6.DS2)

Find the average difference between predicted tide and observed tide. (6.DS2)

Create a graph using time of day and salinity. Correspond this to tidal data. (5.ATO.1, 5.ATO.2, 5.ATO.3, 5.G.1, 5.G.2)

Check local weather and try and find any trend in rain and salinity levels. Discuss how rainwater might affect the solution that is saltwater. (5.S.1, 5.P.2, 5.E.3)

Based on current salinity values make predictions about future salinity values. Check back to see how close the predicted salinities came to actual observed salinities. (5.S.1)

What could be some biotic and abiotic factors that affect the salinity levels in Charleston harbor? (5.S.1, 5.P.2, 5.L.A)

Discuss the mixture of fresh water and saltwater and how the fresh water makes its way to the ocean. (5.P.2, 5.P.5)