HISTORICAL SHORELINES MAP

2011 shoreline (base aerial)
- 1848 shoreline (blue)
  163-year period

Average Annual Rate of Erosion = \frac{840\text{-ft. of shoreline recession}}{163\text{-year period}} = 5.1 \text{ ft./yr.}

1993 shoreline (yellow)
- 1942 shoreline (red)
  51-year period

Average Annual Rate of Erosion = \frac{310\text{-ft. of shoreline recession}}{51\text{-year period}} = 6.1 \text{ ft./yr.}