

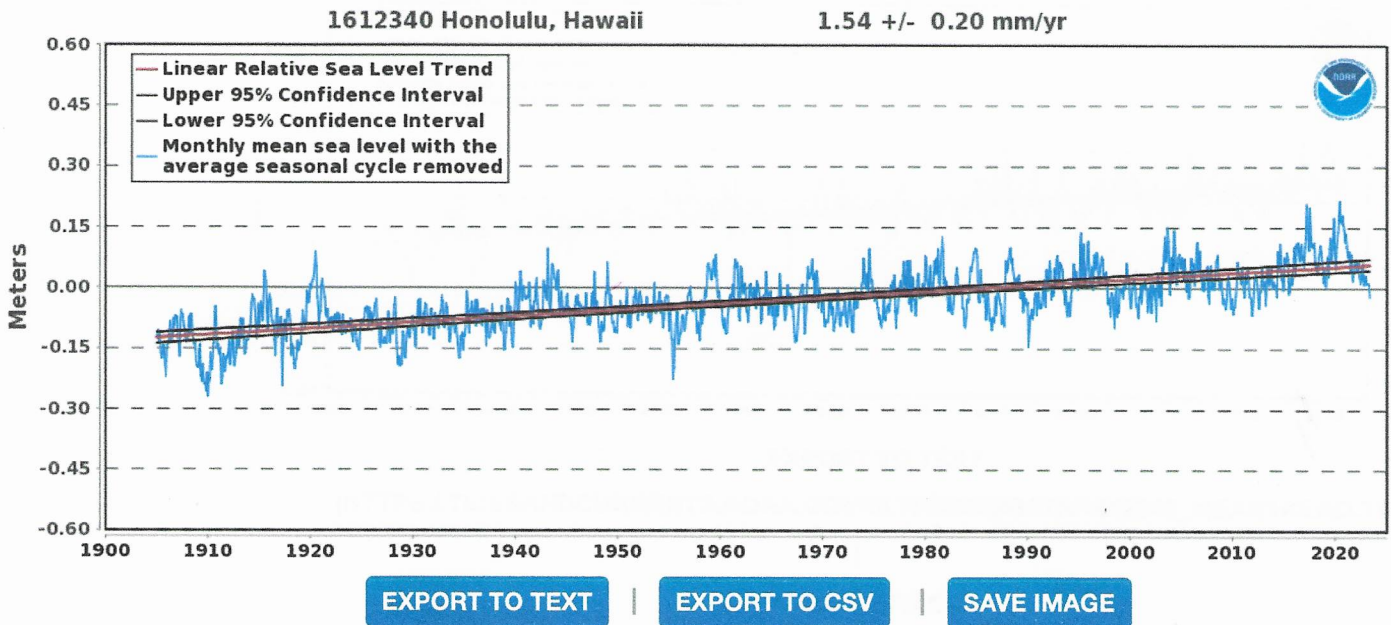


(<https://www.noaa.gov/>)



(<https://tidesandcurrents.noaa.gov/>)

Relative Sea Level Trend 1612340 Honolulu, Hawaii



The relative sea level trend is 1.54 millimeters/year with a 95% confidence interval of +/- 0.2 mm/yr based on monthly mean sea level data from 1905 to 2022 which is equivalent to a change of 0.51 feet in 100 years.

Plots show monthly mean sea levels without the regular seasonal fluctuations from coastal ocean temperatures, salinity, wind, atmospheric pressure, and ocean currents. The relative sea level trend is also shown with its 95% confidence interval. Relative Sea Level trends at the coast can be positive or negative. A negative trend does not mean the ocean surface is falling; It indicates the land is rising more quickly than the ocean in a particular area. Trends close to zero indicate the land is rising at nearly the same rate as the ocean.