

NOAA Office for Coastal Management – Sea Level Rise Viewer

Description of Map Service

Coastalresilience.org accesses this map service from the National Oceanic and Atmospheric Administration (NOAA) Office of Coastal Management Sea Level Rise (SLR) Viewer. This service is part of NOAA's online mapping viewer depicting potential sea level rise and its associated impacts on the nation's coastal areas. The purpose of the mapping viewer is to provide coastal managers and scientists with a preliminary look at sea level rise and coastal flooding impacts. The viewer is a screening-level tool that uses nationally consistent data sets and analyses. Data and maps provided can be used at several scales to help gauge trends and prioritize actions for different scenarios.

The purpose of serving this dataset is to show potential sea level rise inundation above current Mean Higher High Water (MHHW) for the area at various levels of SLR. Tiles have been cached down to Level ID 11 (1:18,055).

This dataset illustrates the scale of potential flooding, not the exact location, and does not account for erosion, subsidence, or future construction. Inundation is shown as it would appear during the highest high tides (excludes wind driven tides) with the sea level rise amount. The dataset should be used only as a screening-level tool for management decisions. As with all remotely sensed data, all features should be verified with a site visit. The dataset is provided "as is," without warranty to its performance, merchantable state, or fitness for any particular purpose. The entire risk associated with the results and performance of this dataset is assumed by the user. This dataset should be used strictly as a planning reference and not for navigation, permitting, or other legal purposes.

For more information visit the <http://coast.noaa.gov/digitalcoast/tools/slr>.