



**DISCLAIMER:** Information shown on this map is for planning purposes, represents the conditions that exist at the map date, and is subject to change. This information or data is provided with the understanding that conclusions drawn from such information are the responsibility of the user. Refer to the original source documentation to better understand the data sources, results, methodologies and limitations of each dataset presented. Lincoln County makes no claims, representations or warranties as to the accuracy or completeness of these external data layers.

# Sea Level Rise

**This map is a draft interim product of the Yaquina Bay Estuary Management Plan Update process intended to inform decision-making. This map is not the finalized product.**

Date: 5/30/2023, Projection: NAD\_1983\_HARN\_StatePlane\_Oregon\_North\_FIPS\_3601\_Feet\_Intl  
 Data Source: NOAA Technical Report CO-OPS 083 (2017) and Technical Report NOS 01 (2022);  
<https://coast.noaa.gov/slrdata/> ;  
 Federal Emergency Management Agency (10/17/2019), "Baseline Water Level", (S\_WTR\_AR)

## Legend

- Baseline Water Level
- 1 ft of SLR
- 2 ft of SLR
- 3 ft of SLR
- 4 ft of SLR
- 5 ft of SLR
- Estuary Boundary

The data in this map illustrates the scale of potential sea level rise flooding, not the exact location, and do not account for erosion, subsidence, or future construction. Water levels are relative to Mean Higher High Water (MHHW) (excludes wind driven tides). The map should be used strictly as a screening-level tool for management decisions and as a planning reference tool and not for navigation, permitting, or other legal purposes. For more information see Sweet et. al. "NOAA Technical Report NOS CO-OPS 083. Global and Regional Sea Level Rise Scenarios for the United States." 2017 and Sweet et. al. "NOAA Technical Report NOS 01. Global and Regional Sea Level Rise Scenarios for the United States: Updated Mean Projections and Extreme Water Level Probabilities Along U.S. Coastlines." 2022