

Target Elevation Recommendation Summary - with barrier design to 2050

		25 Yr Return interval	Return Interval - Likely that a storm surge will be 3.00 ' above NAVD88 by 2040 (2015+25)
2015 FEMA	Low (ft, NAVD88)	3.00	FEMA 25 year Storm Surge forecast (2015) See FEMA FIS Table 8
	Mid (ft, NAVD88)	3.33	
	High (ft, NAVD88)	3.66	

Update FEMA Forecast to 2025 with current observed data

Current	Low (ft, NAVD88)	3.26	
	Mid (ft, NAVD88)	3.59	
	High (ft, NAVD88)	3.92	

Add DE SLR Model forecast for 2050 (2017) of .72 feet. See Table ES-2 in DE Report

	Low (ft, NAVD88)	3.98	Recommended Target elevation to protect from Surge/SLR forecast
	Mid (ft, NAVD88)	4.31	
	High (ft, NAVD88)	4.64	

Note : Based on tide data for last 13 years, the max stillwater elev. was 2.88 (October 2021), which supports the use of the Low end of the elevation range for Little Assawoman Bay.