Table 3b. One Foot Increment Projected Water Levels for Exposure Analysis at Atlantic City, NJ (MHHW)

	Water Level	What High Water Level Condition Does This Height Represent?	2017 Frequency
Permanent Inundation	1 ft.	• Permanent Inundation (MHHW) in 2030 using Central HE/LE Scenarios (0.8 ft.) • Permanent Inundation (MHHW) in 2030 using 1-in-20 Chance HE Scenario (1.1 ft.) • Permanent Inundation (MHHW) in 2050 using Central HE/LE Scenarios (1.4 ft.)	• In 2017, daily HHW met or exceeded this planning level 52 times.
Recurrent Coastal Flooding	2 ft.	• Current Annual (99% AEP) flood (1.6 ft.) • Permanent Inundation (MHHW) in 2050 using 1-in-20 Chance HE Scenario (2.0 ft.) • Permanent Inundation (MHHW) in 2100 using Central LE Scenario (2.3 ft.) • Annual (99% AEP) flood in 2030 using Central HE/LE Scenarios (2.4 ft.)	• In 2017, daily HHW met or exceeded this planning level 9 times.
	3 ft.	• Current 10-year (10% AEP) flood (3.3 ft.) • Annual (99% AEP) flood in 2030 using a 1-in-20 Chance HE Scenario (2.7 ft.) • Annual (99% AEP) flood in 2050 using Central HE/LE Scenario (3.0 ft.) • Permanent Inundation (MHHW) in 2100 using a Central HE Scenario (3.4 ft.)	• In 2017, daily HHW met or exceeded this planning level 1 time (3/14/2017).
Extreme Coastal Flooding (Storms)	4 ft.	• Current Sandy Storm Tide (4.1 ft.) • 10-year (10% AEP) flood in 2030 using Central HE/LE Scenarios (4.1 ft.) • 10-year (10% AEP) flood in 2030 using a 1-in-20 HE Scenario (4.4 ft.) • Annual (99% AEP) flood in 2050 using a 1-in-20 HE Scenario (3.6 ft.) • Annual (99% AEP) flood in 2100 using Central LE Scenario (3.9 ft.)	• In 2017, daily HHW did not meet or exceed this planning level. The highest water level experienced in Atlantic City during the period of record is 4.28 ft. above MHHW (12/11/1992).
	5 ft.	• Sandy Storm Tide in 2030 using Central HE/LE Scenarios (4.9 ft.) • Sandy Storm Tide in 2030 using 1-in-20 HE Scenario (5.2 ft.) • Current 100-year (1% AEP) Flood (4.8 ft.) • 10-year (10% AEP) flood in 2050 using Central HE/LE Scenarios (4.7 ft.) • 10-year (10% AEP) flood in 2050 using a 1-in-20 HE Scenario (5.3 ft.) • Annual (99% AEP) flood in 2100 using Central HE Scenario (5.0 ft.) • Permanent Inundation (MHHW) in 2100 using a 1-in-20 HE Scenario (5.3 ft.)	• Atlantic City, NJ has never experienced a water level this high during the period of record.
	6 ft.	• 100-year (1% AEP) flood in 2030 using Central HE/LE Scenarios (5.6 ft.) • 100-year (1% AEP) flood in 2030 using a 1-in-20 HE Scenario (5.9 ft.) • 100-year (1% AEP) flood in 2050 using Central HE/LE Scenarios (6.2 ft.) • Sandy Storm Tide in 2050 using Central HE/LE Scenarios (5.5 ft.) • Sandy Storm Tide in 2050 using 1-in-20 HE Scenario (6.1 ft.) • Sandy Storm Tide in 2100 using Central LE Scenario (6.4 ft.) • 10-year (10% AEP) flood in 2100 using a Central LE Scenario (5.6 ft.)	
	7 ft.	• 100-year (1% AEP) flood in 2050 using a 1-in-20 HE Scenario (6.8 ft.) • 100-year (1% AEP) flood in 2100 using a Central LE Scenario (7.1 ft.) • 10-year (10% AEP) flood in 2100 using a Central HE Scenario (6.7 ft.) • Annual (99% AEP) flood in 2100 using a 1-in-20 HE Scenario (6.9 ft.)	
	8 ft.	• Sandy Storm Tide in 2100 using Central HE Scenario (7.5 ft.) • 100-year (1% AEP) flood in 2100 using a Central HE Scenario (8.2 ft.)	
	9 ft.	• Sandy Storm Tide in 2100 using 1-in-20 HE Scenario (9.4 ft.) • 10-year (10% AEP) flood in 2100 using a 1-in-20 HE Scenario (8.6 ft.)	
	10 ft.	• 100-year (1% AEP) flood in 2100 using 1-in-20 HE Scenario (10.1 ft.)	

Notes: MHHW = Mean Higher High Water, HHW = Daily Higher High Water, HE = High Emissions, LE = Low Emissions