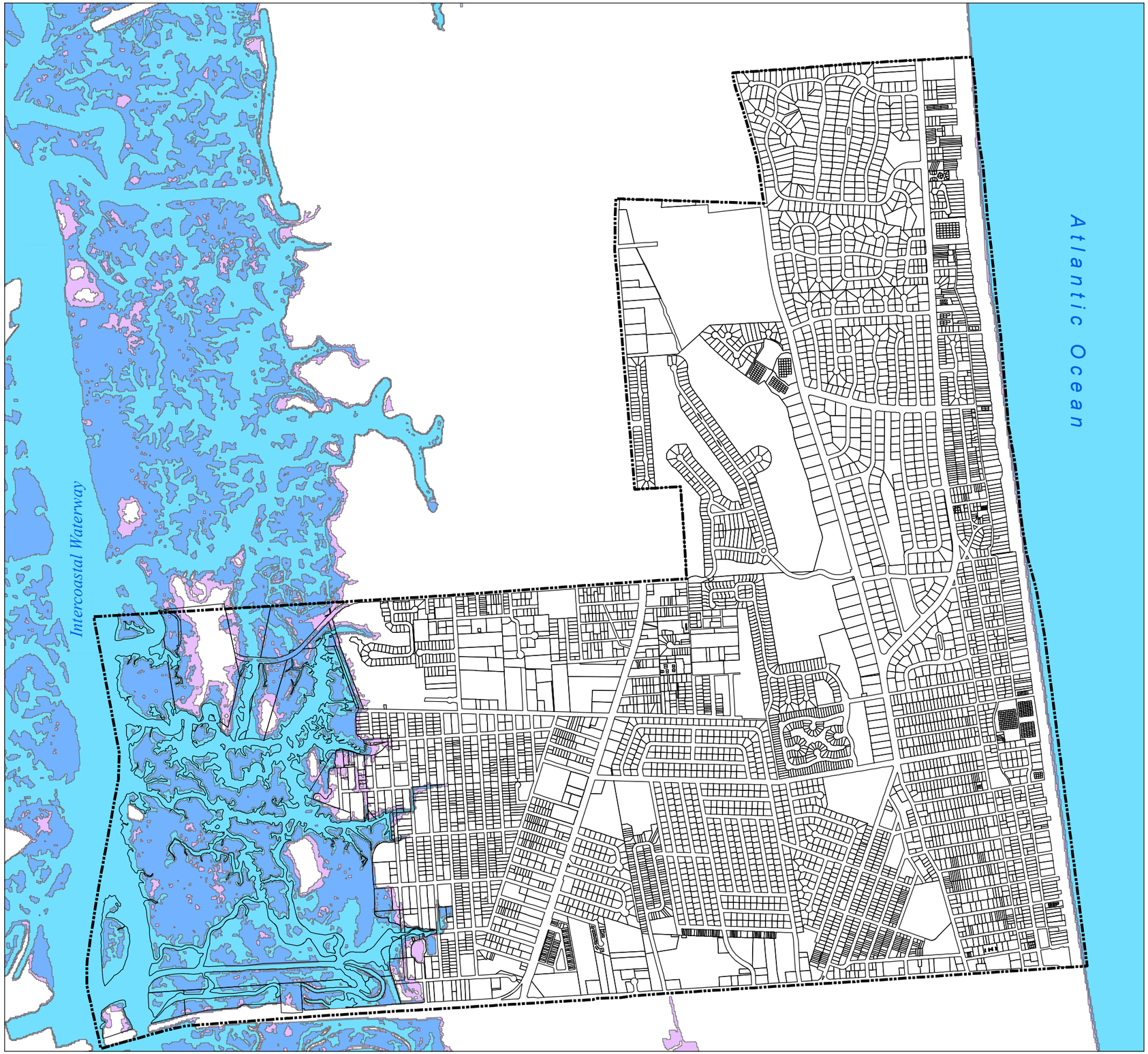
MAP A-3d: SEA LEVEL RISE SCENARIOS



City of Atlantic Beach 2018-2030 Comprehensive Plan Amendment Map Series

This map uses data from the National Oceanic and Atmospheric Administration (NOAA) to show the potential inundation of coastal areas resulting from a projected 1 to 2 feet rise in sea level above current Mean Higher High Water (MHHW) conditions.The sea level rise projections chosen for this map were retrieved from the U.S. Army Corps of Engineers Sea-Level Change Curve Calculator using the Mayport tidal gauge.

Sea Level Rise Elevation (Short Term: 2015-2050)

- MHHW
- 1 Feet
- 2 Feet

Estimated Relative Sea Level Change
from 2015 To 2100
8720218, Mayport (Bar Pilots Dock), FL
NOAA's 2006 Published Rate: 0.00787 feet/yr
All values are expressed in feet

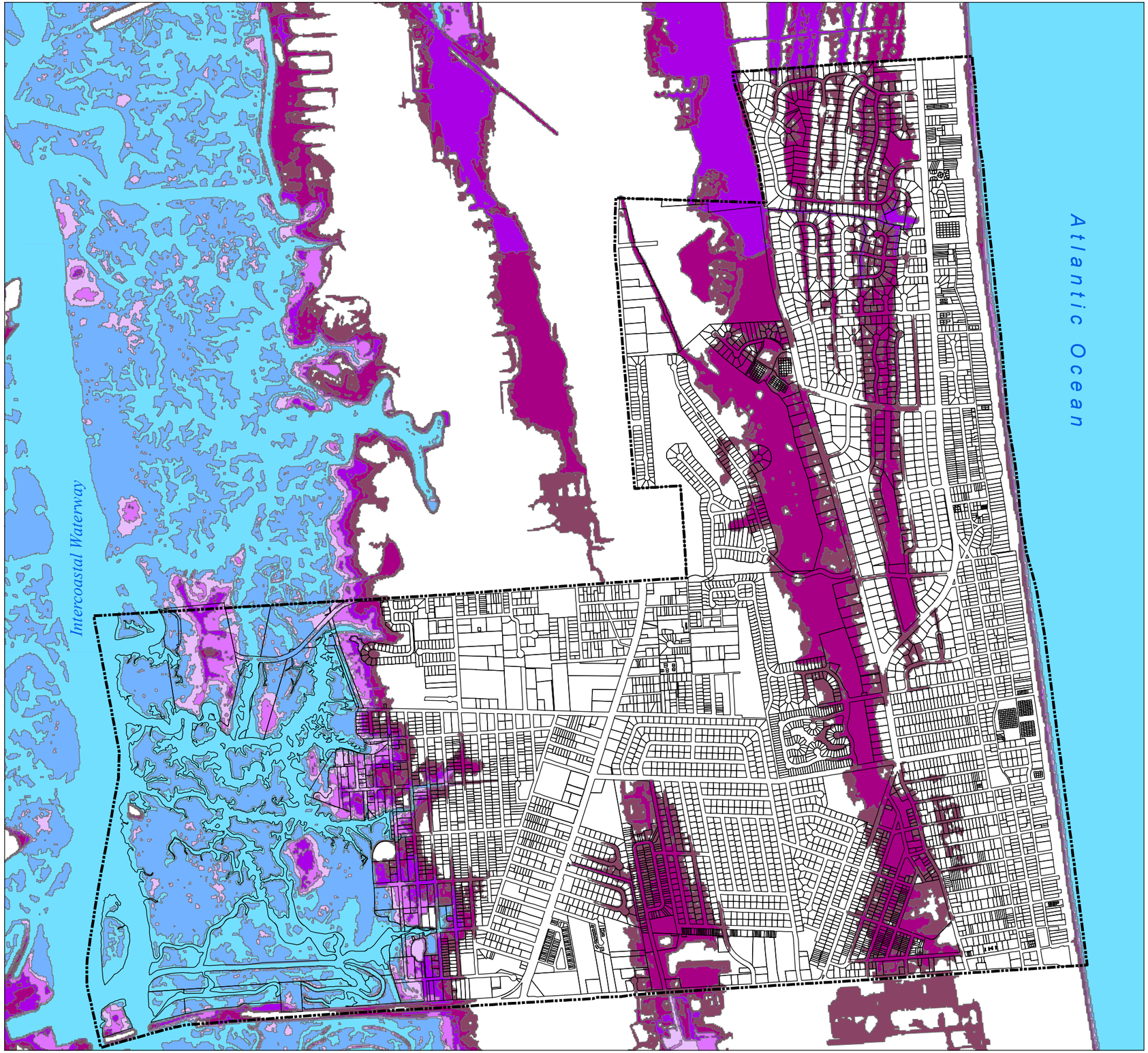
Year	NOAA Low	USACE Low	NOAA Int Low	USACE Int	NOAA Int High	USACE High	NOAA High
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.04	0.04	0.06	0.06	0.11	0.13	0.17
2025	0.08	0.08	0.13	0.13	0.24	0.29	0.37
2030	0.12	0.12	0.20	0.20	0.38	0.46	0.59
2035	0.16	0.16	0.28	0.28	0.54	0.65	0.83
2040	0.20	0.20	0.36	0.36	0.70	0.86	1.10
2045	0.24	0.24	0.44	0.44	0.89	1.08	1.40
2050	0.28	0.28	0.53	0.53	1.09	1.33	1.72
2055	0.32	0.32	0.62	0.62	1.30	1.59	2.07
2060	0.35	0.35	0.72	0.72	1.53	1.87	2.45
2065	0.39	0.39	0.82	0.82	1.77	2.17	2.85
2070	0.43	0.43	0.93	0.93	2.02	2.49	3.27
2075	0.47	0.47	1.04	1.04	2.29	2.83	3.72
2080	0.51	0.51	1.15	1.15	2.57	3.19	4.20
2085	0.55	0.55	1.27	1.27	2.87	3.56	4.70
2090	0.59	0.59	1.40	1.40	3.18	3.96	5.23
2095	0.63	0.63	1.53	1.53	3.51	4.37	5.78
2100	0.67	0.67	1.66	1.66	3.85	4.80	6.36

0 0.25 0.5 1 Miles

N W E S

Updated August, 2018; Data Sources: ABGIS(2018); COJPAO(2018); NOAA(2016); USACE (2016)

MAP A-3e: SEA LEVEL RISE SCENARIOS



City of Atlantic Beach 2018-2030 Comprehensive Plan Amendment Map Series

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Sea Level Rise Elevation (Long Term: 2015-2095)

- MHHW
- 1 Feet
- 2 Feet
- 3 Feet
- 4 Feet
- 5 Feet
- 6 Feet

Estimated Relative Sea Level Change from 2015 To 2100
8720218, Mayport (Bar Pilots Dock), FL
NOAA's 2006 Published Rate: 0.00787 feet/yr
All values are expressed in feet

Year	NOAA Low	USACE Low	NOAA Int Low	USACE Int	NOAA Int High	USACE High	NOAA High
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.04	0.04	0.06	0.06	0.11	0.13	0.17
2025	0.08	0.08	0.13	0.13	0.24	0.29	0.37
2030	0.12	0.12	0.20	0.20	0.38	0.46	0.59
2035	0.16	0.16	0.28	0.28	0.54	0.65	0.83
2040	0.20	0.20	0.36	0.36	0.70	0.86	1.10
2045	0.24	0.24	0.44	0.44	0.89	1.08	1.40
2050	0.28	0.28	0.53	0.53	1.09	1.33	1.72
2055	0.32	0.32	0.62	0.62	1.30	1.59	2.07
2060	0.35	0.35	0.72	0.72	1.53	1.87	2.45
2065	0.39	0.39	0.82	0.82	1.77	2.17	2.85
2070	0.43	0.43	0.93	0.93	2.02	2.49	3.27
2075	0.47	0.47	1.04	1.04	2.29	2.83	3.72
2080	0.51	0.51	1.15	1.15	2.57	3.19	4.20
2085	0.55	0.55	1.27	1.27	2.87	3.56	4.70
2090	0.59	0.59	1.40	1.40	3.18	3.96	5.23
2095	0.63	0.63	1.53	1.53	3.51	4.37	5.78
2100	0.67	0.67	1.66	1.66	3.85	4.80	6.36

N W E S

0 0.25 0.5 1 Miles

Updated August, 2018; Data Sources: ABGIS(2018); COJPAO(2018); NOAA(2016); USACE (2016)