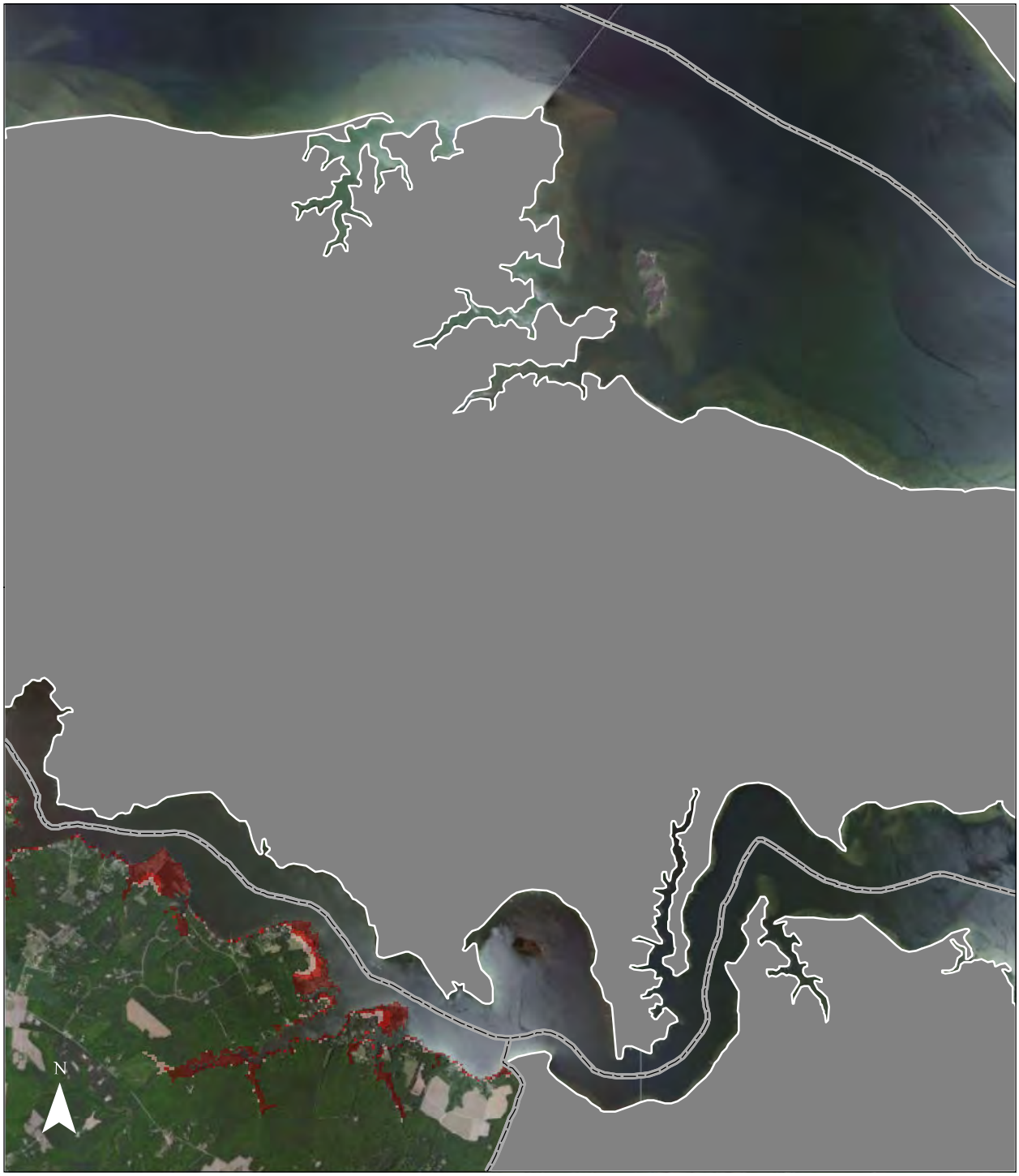
APPENDIX D: HAMPTON ROADS SEA LEVEL RISE MAP BOOK

The following appendix contains a map book showing all the areas identified in this analysis as potentially vulnerable to one meter of sea level rise above spring high tide. The map book is one tool that local governments or agencies can use to illustrate vulnerable areas at a consistent scale across a large geographical area while producing maps useful for visualizing vulnerable areas. This specific map book uses the boundaries of USGS Quadrangles as the extent for each individual map, though any grid could be used, depending on the specific need of the local government or agency. In addition, these areas correlate directly with the relatively accuracy of the elevation data shown on Map 9 of the main report. The underlying GIS data showing vulnerable areas is available to local governments upon request.

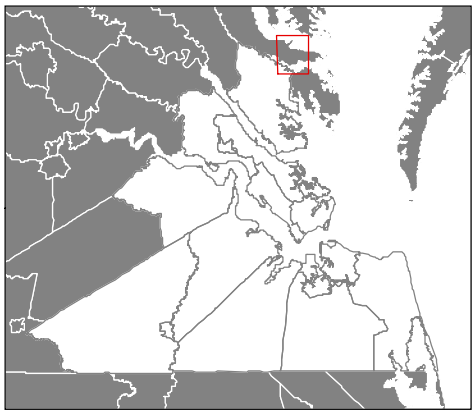
Hampton Roads Sea Level Rise
Map 1: Wilton, VA Quadrangle



Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



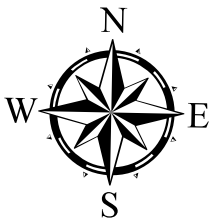
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

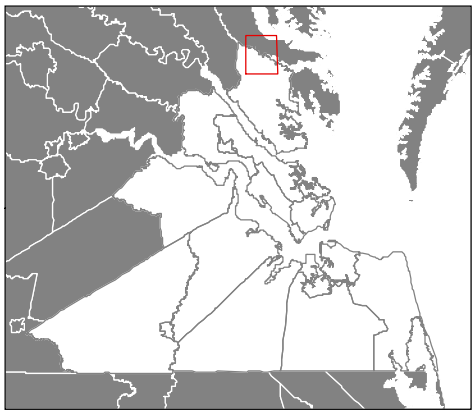
Hampton Roads Sea Level Rise
Map 2: Saluda, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





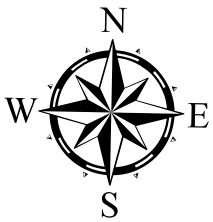
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

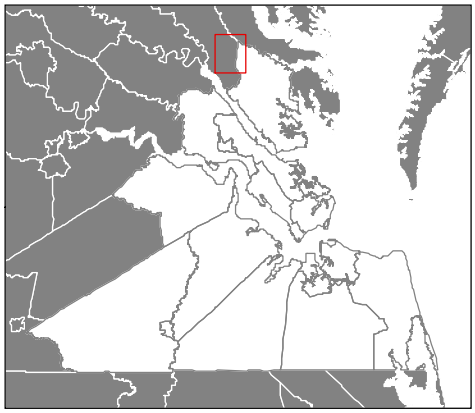
Hampton Roads Sea Level Rise
Map 3: Shacklefords, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

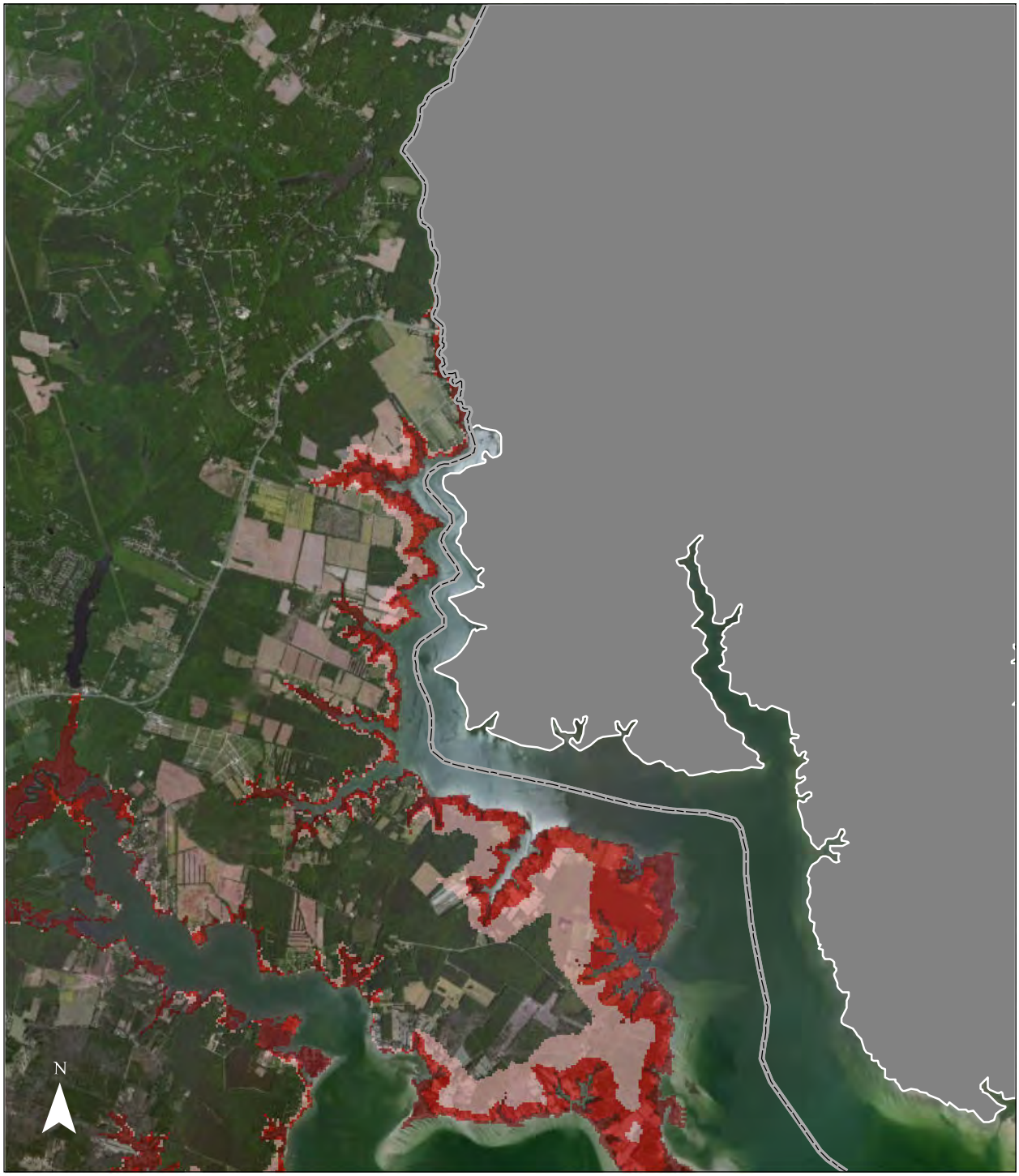
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

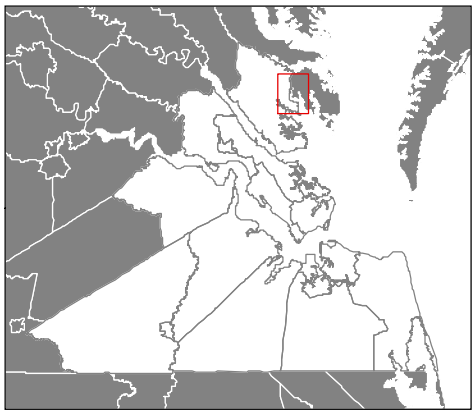
Hampton Roads Sea Level Rise
Map 4: Ware Neck, VA Quadrangle



Legend

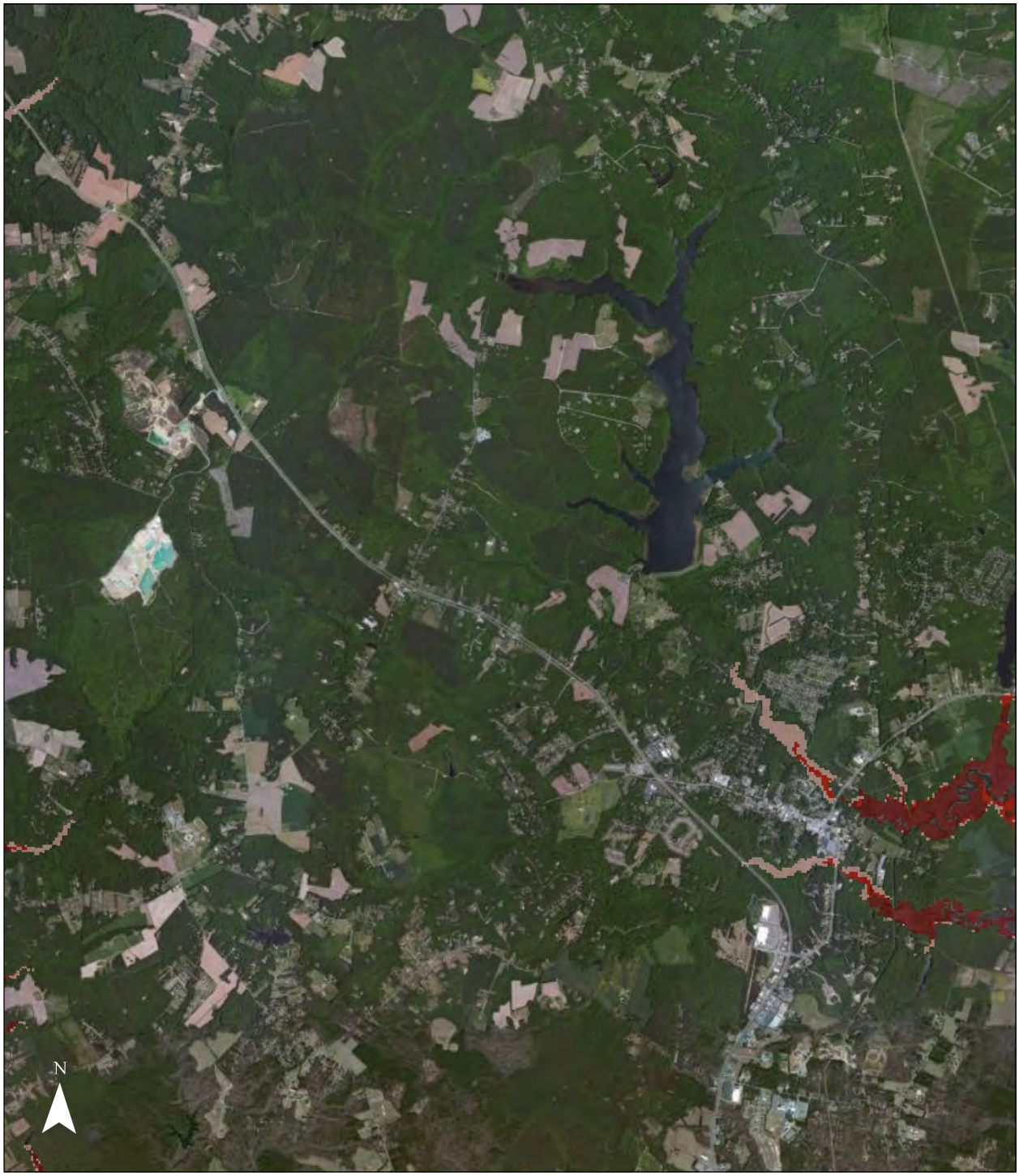
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

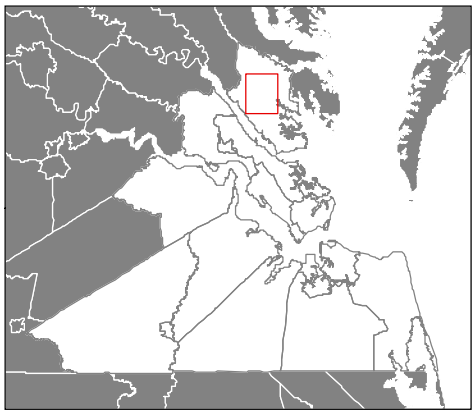
Hampton Roads Sea Level Rise
Map 5: Gloucester, VA Quadrangle



Legend

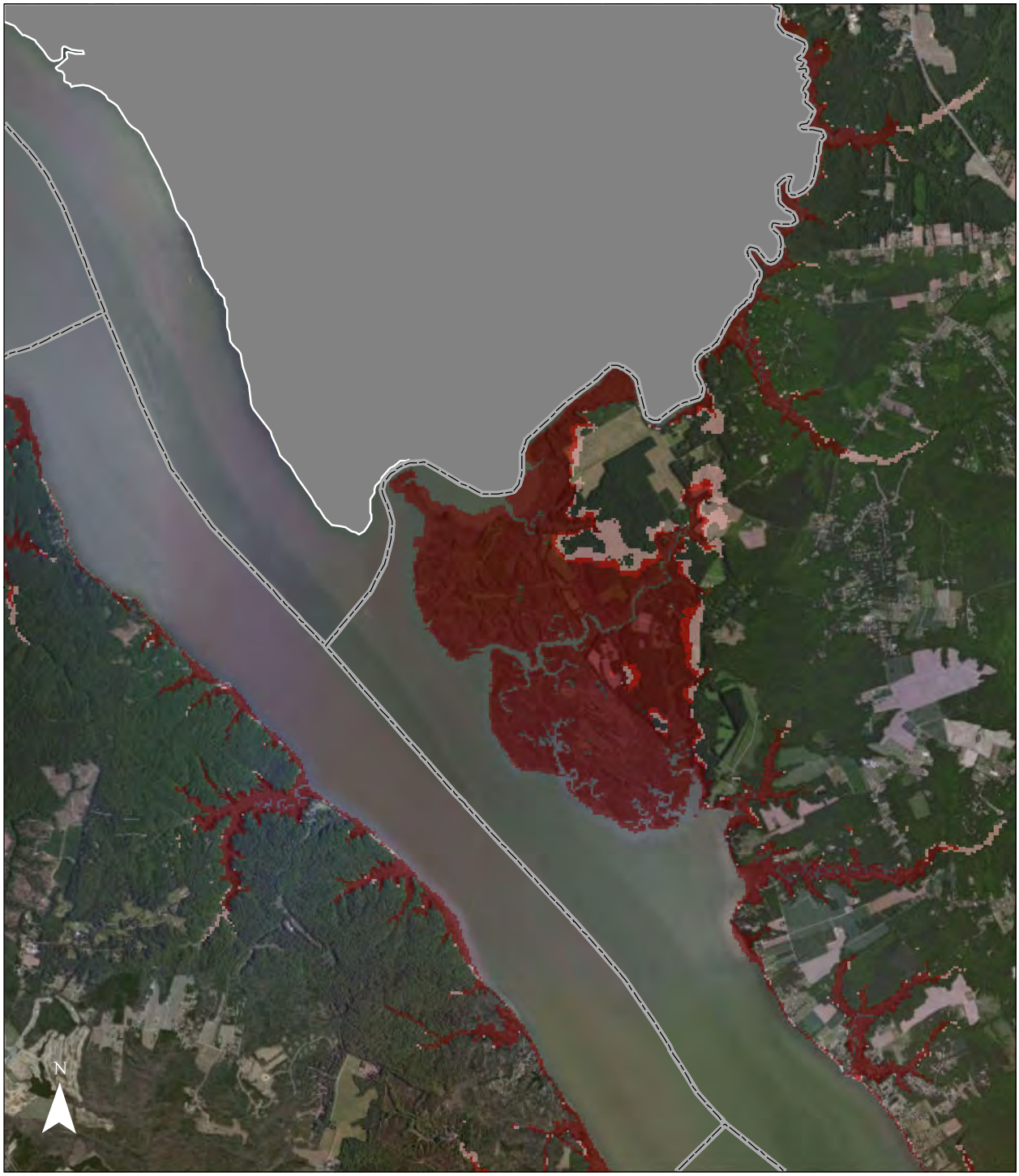
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

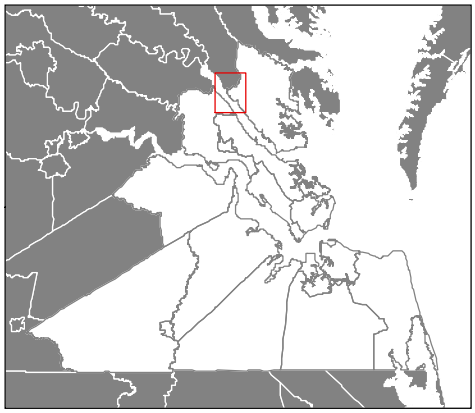
Hampton Roads Sea Level Rise
Map 6: Gressitt, VA Quadrangle



Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



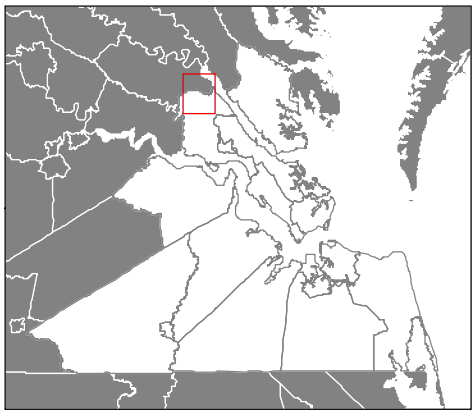
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 7: Toano, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



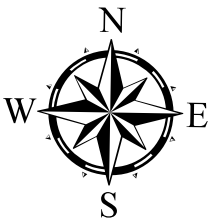
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

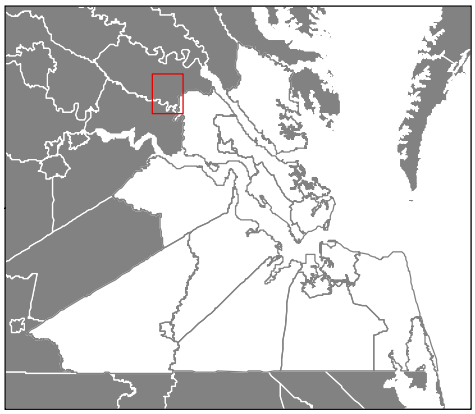
Hampton Roads Sea Level Rise
Map 8: Walkers, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

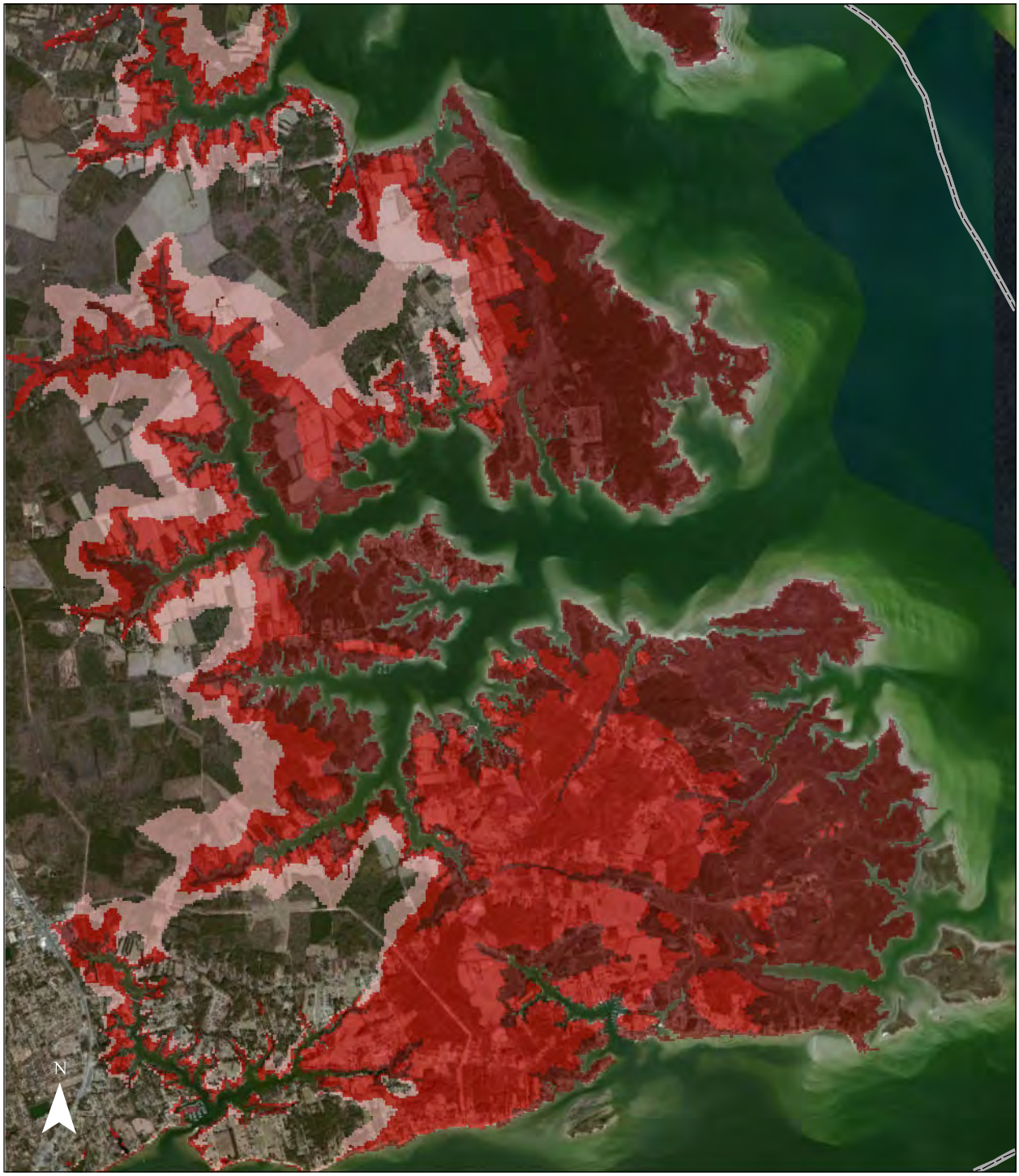
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

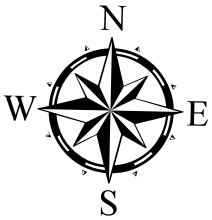
Hampton Roads Sea Level Rise
Map 9: Achilles, VA Quadrangle

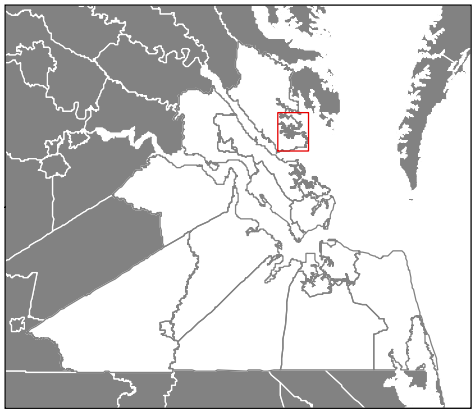


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





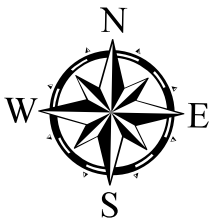
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

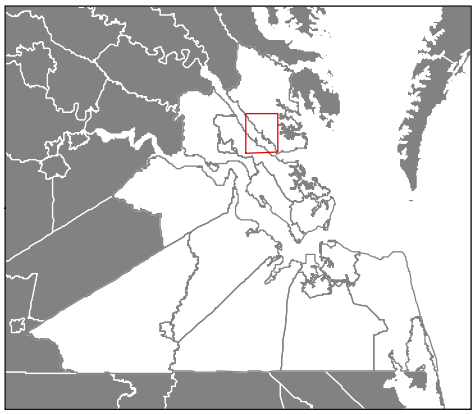
Hampton Roads Sea Level Rise
Map 10: Clay Bank, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





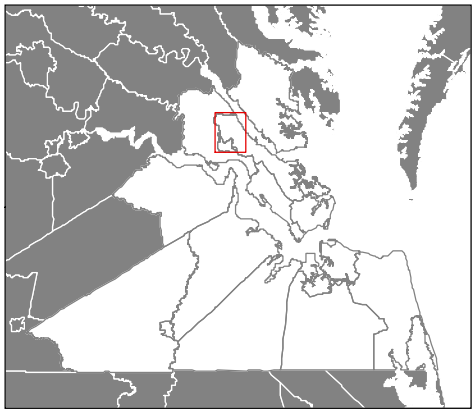
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 11: Williamsburg, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



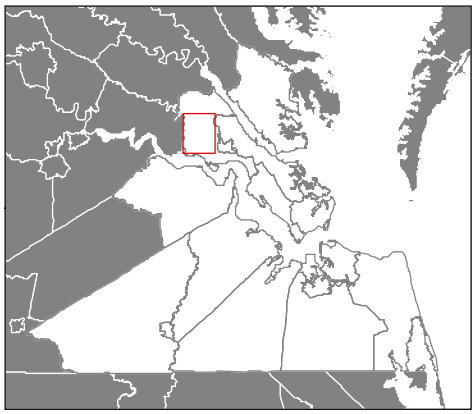
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 12: Norge, VA Quadrangle

Legend

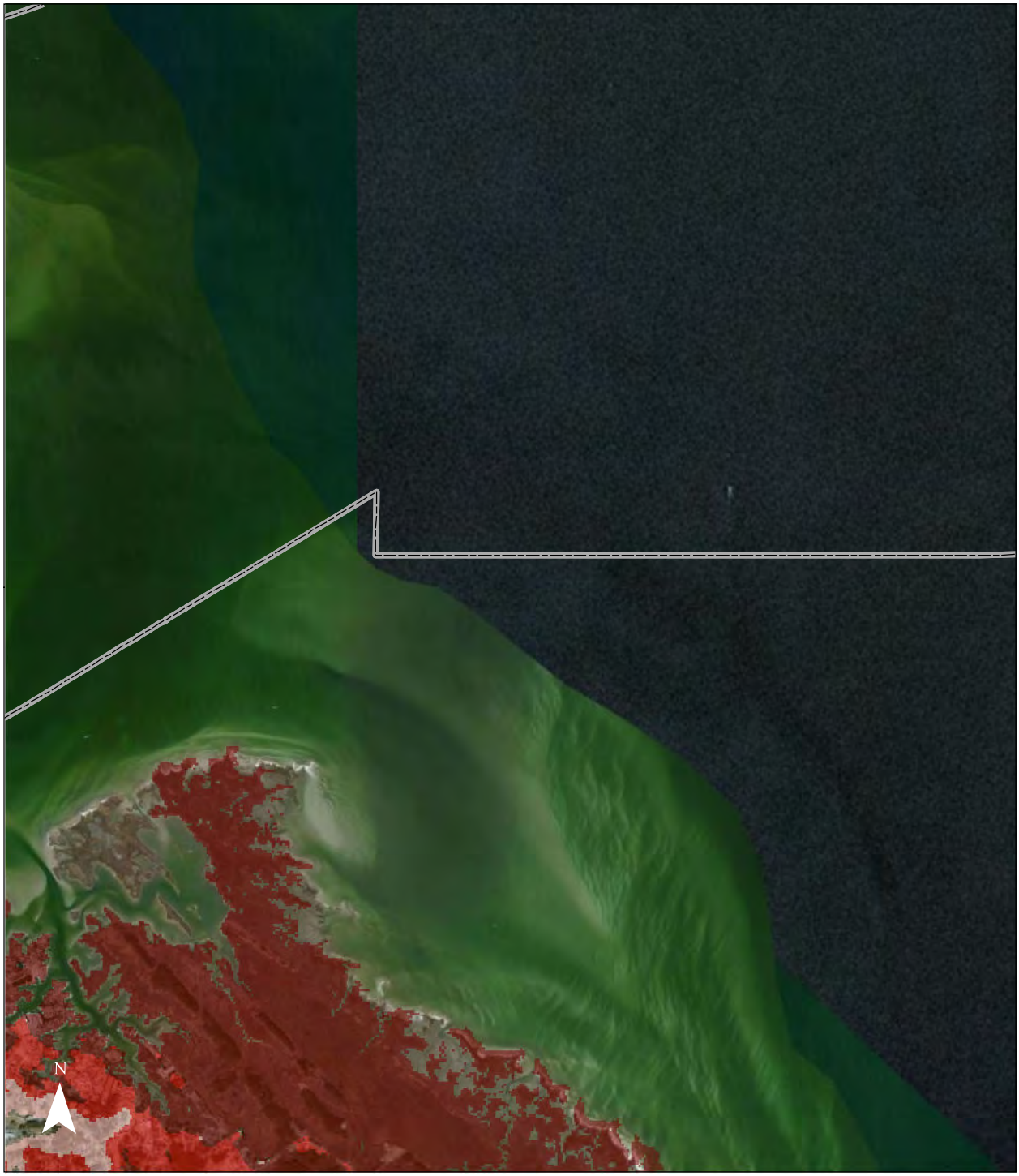
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

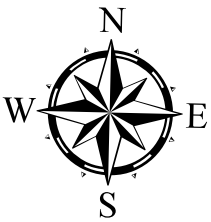
Hampton Roads Sea Level Rise
Map 13: Poquoson East, VA Quadrangle

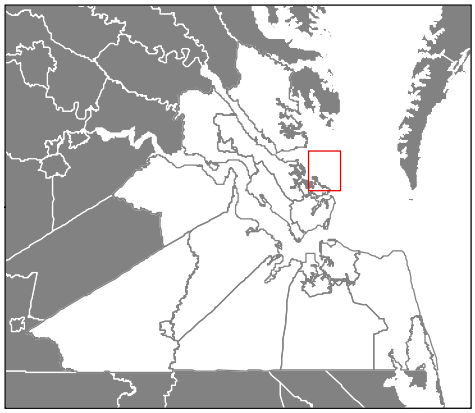


Legend

- Low Estimate
- Middle Estimate
- High Estimate

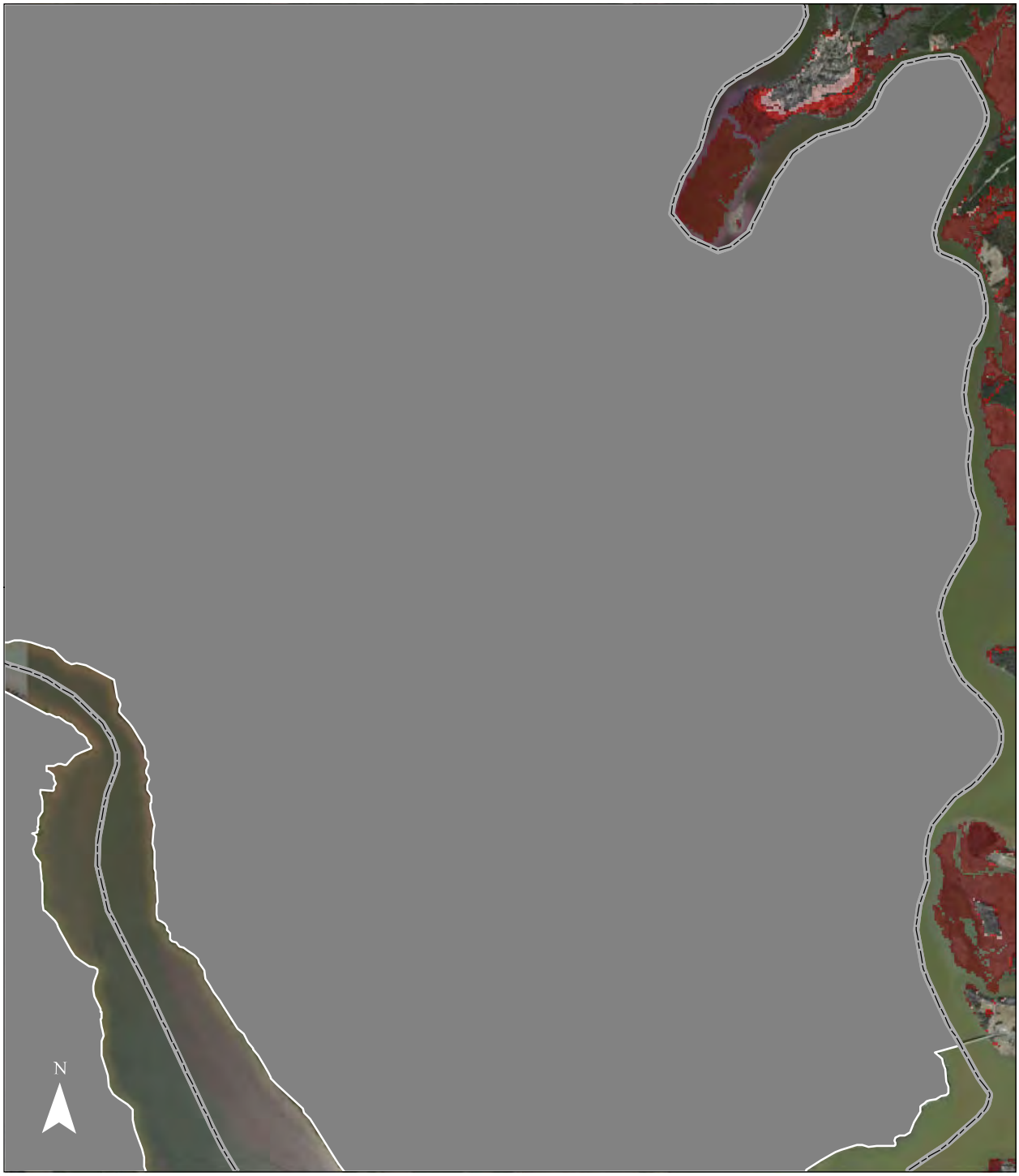
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

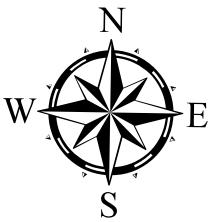
Hampton Roads Sea Level Rise
Map 14: Brandon, VA Quadrangle

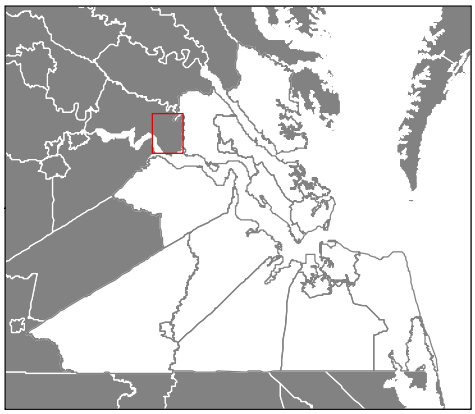


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





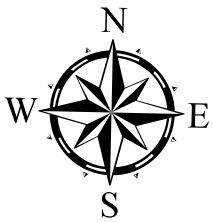
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

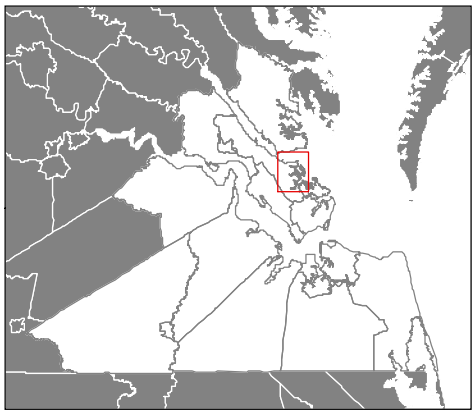
Hampton Roads Sea Level Rise
Map 15: Poquoson West, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





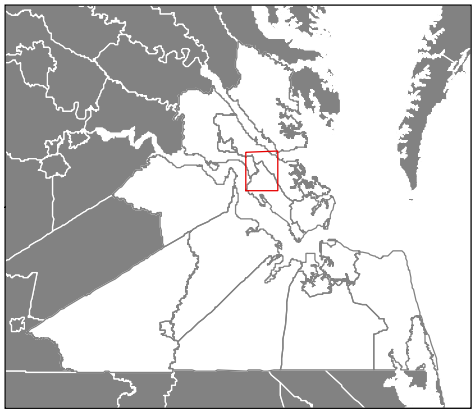
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 16: Yorktown, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



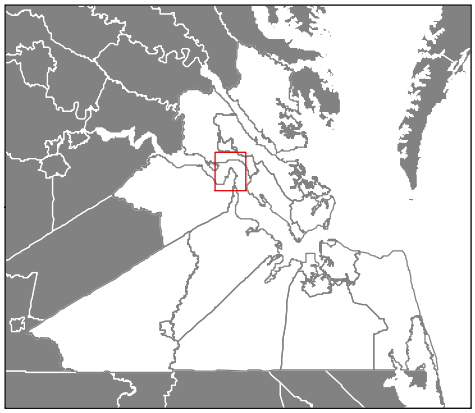
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 17: Hog Island, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



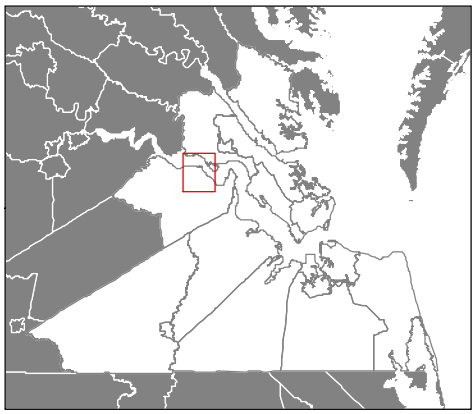
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 18: Surry, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



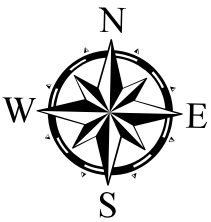
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

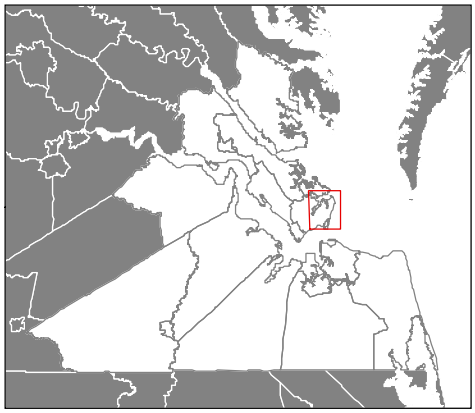
Hampton Roads Sea Level Rise
Map 19: Hampton, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





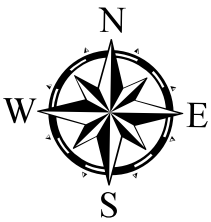
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

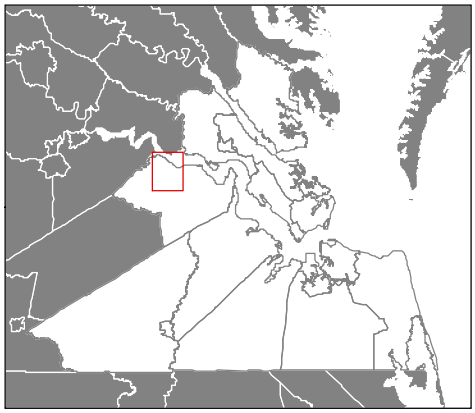
Hampton Roads Sea Level Rise
Map 20: Claremont, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





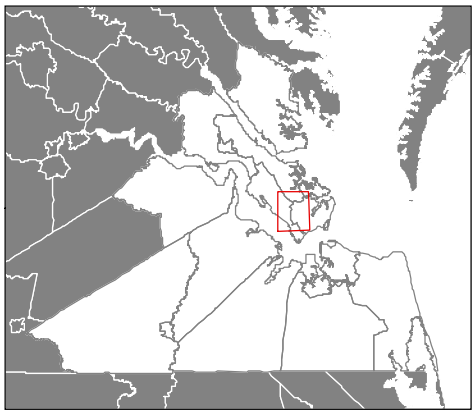
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 21: Newport News North, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



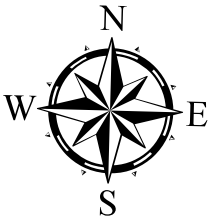
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

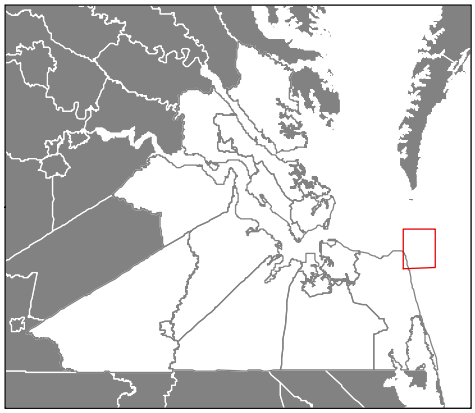
Hampton Roads Sea Level Rise
Map 22: North Virginia Beach, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





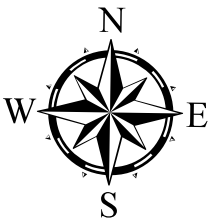
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

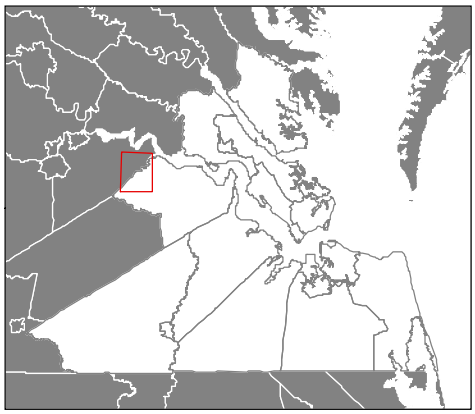
Hampton Roads Sea Level Rise
Map 23: Savedge, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





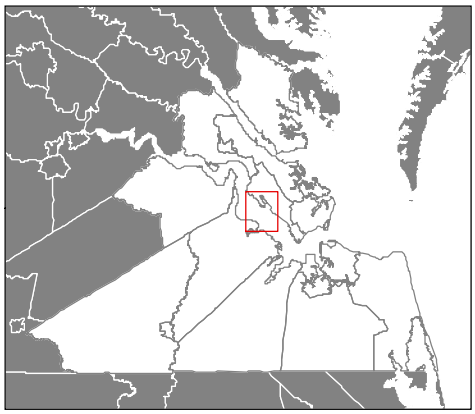
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 24: Mulberry Island, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



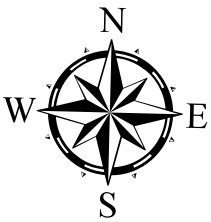
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

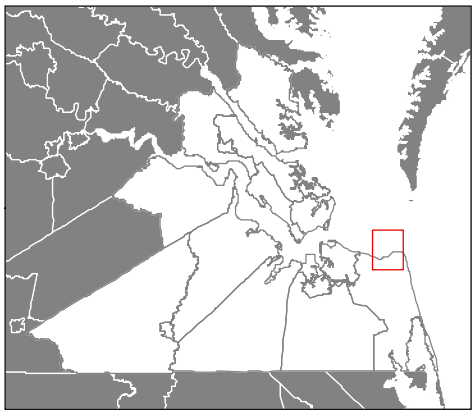
Hampton Roads Sea Level Rise
Map 25: Cape Henry, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





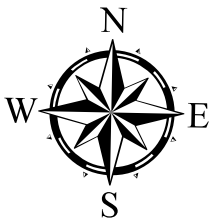
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

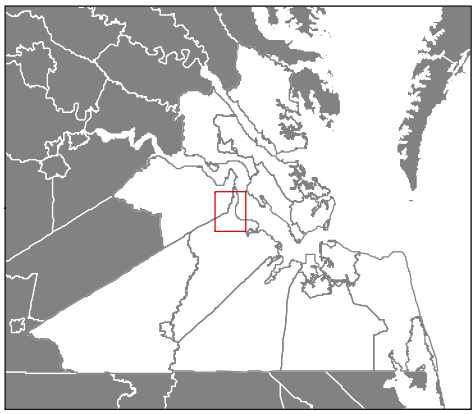
Hampton Roads Sea Level Rise
Map 26: Bacons Castle, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





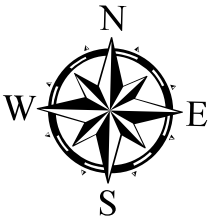
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

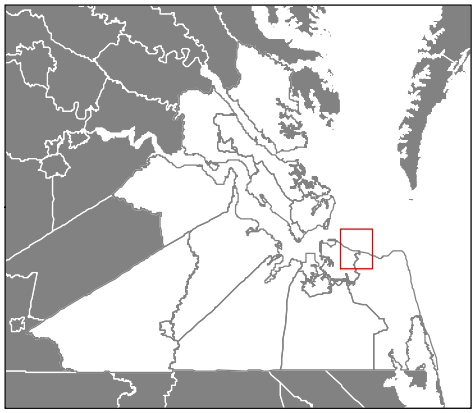
Hampton Roads Sea Level Rise
Map 27: Little Creek, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





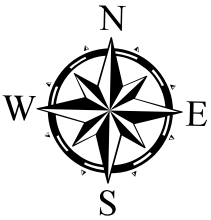
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

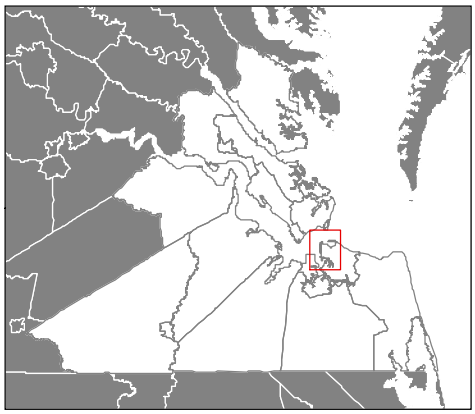
Hampton Roads Sea Level Rise
Map 28: Norfolk North, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





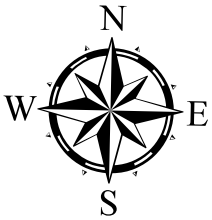
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

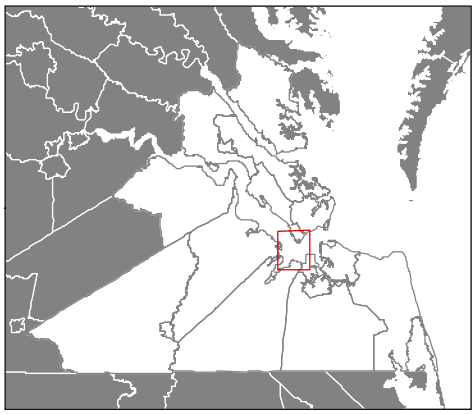
Hampton Roads Sea Level Rise
Map 29: Newport News South, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





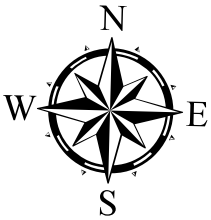
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

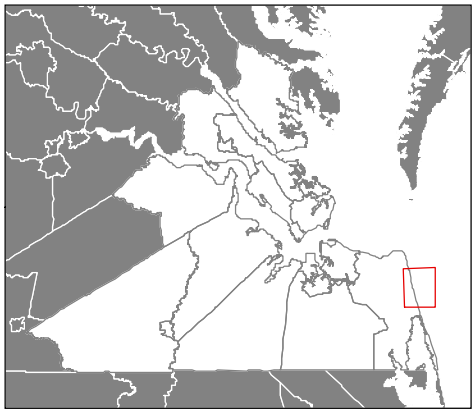
Hampton Roads Sea Level Rise
Map 30: Virginia Beach, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





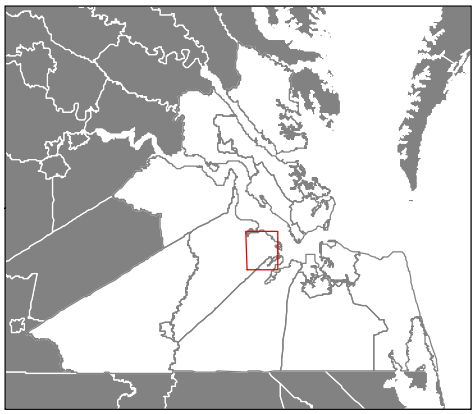
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 31: Benns Church, VA Quadrangle

Legend

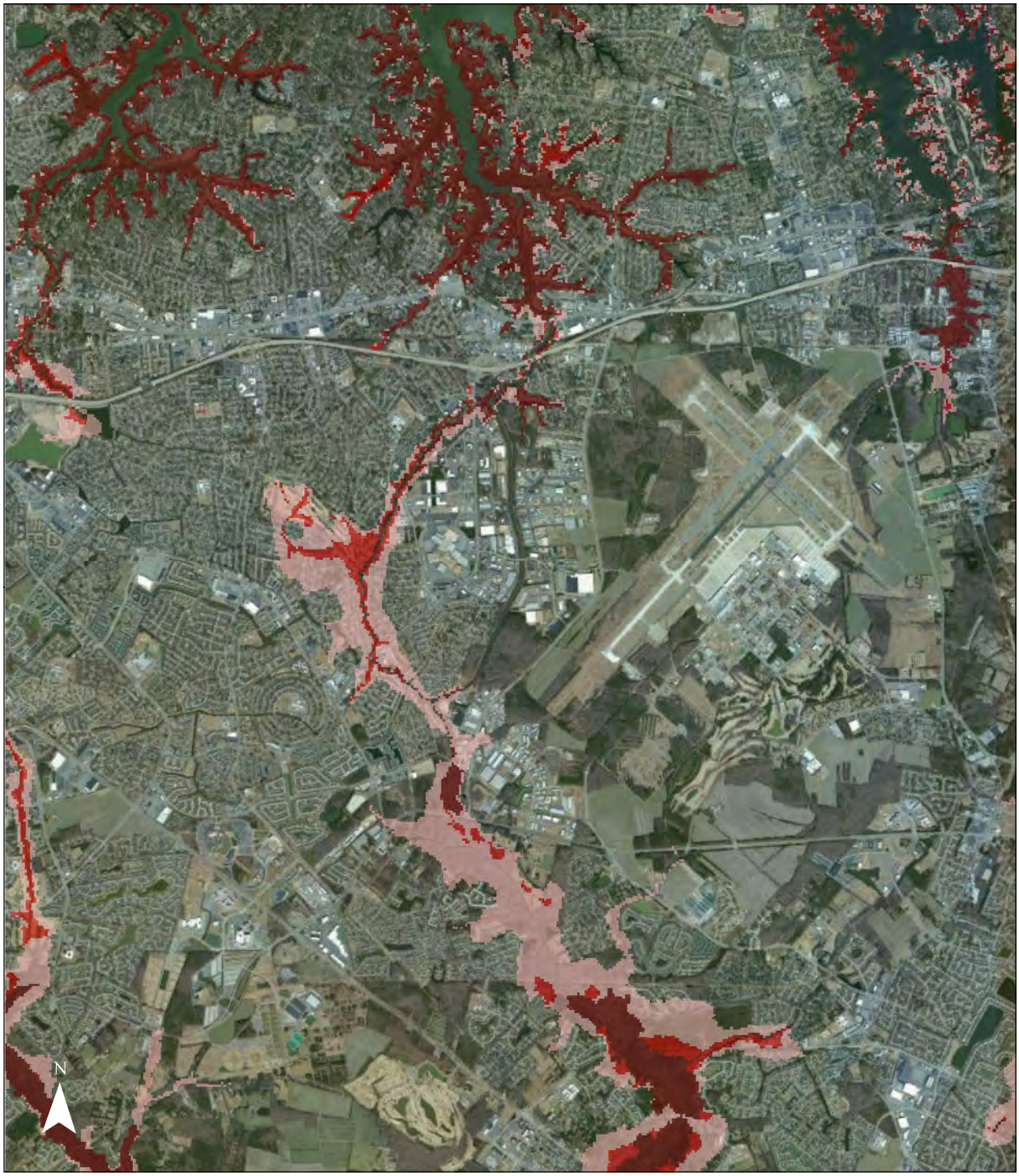
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

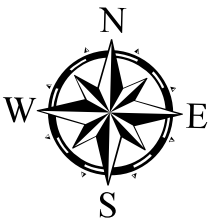
Hampton Roads Sea Level Rise
Map 32: Princess Anne, VA Quadrangle

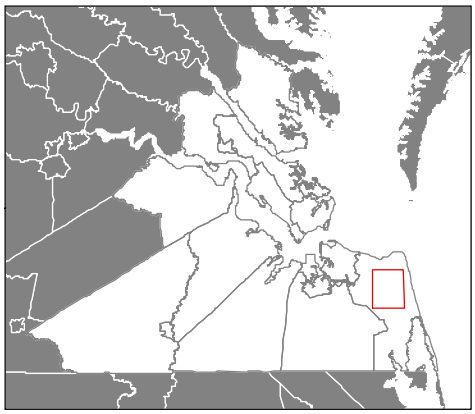


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





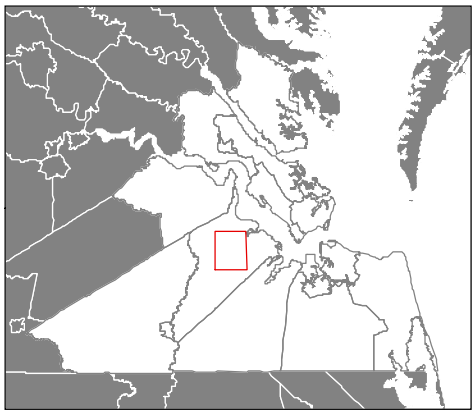
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 33: Smithfield, VA Quadrangle

Legend

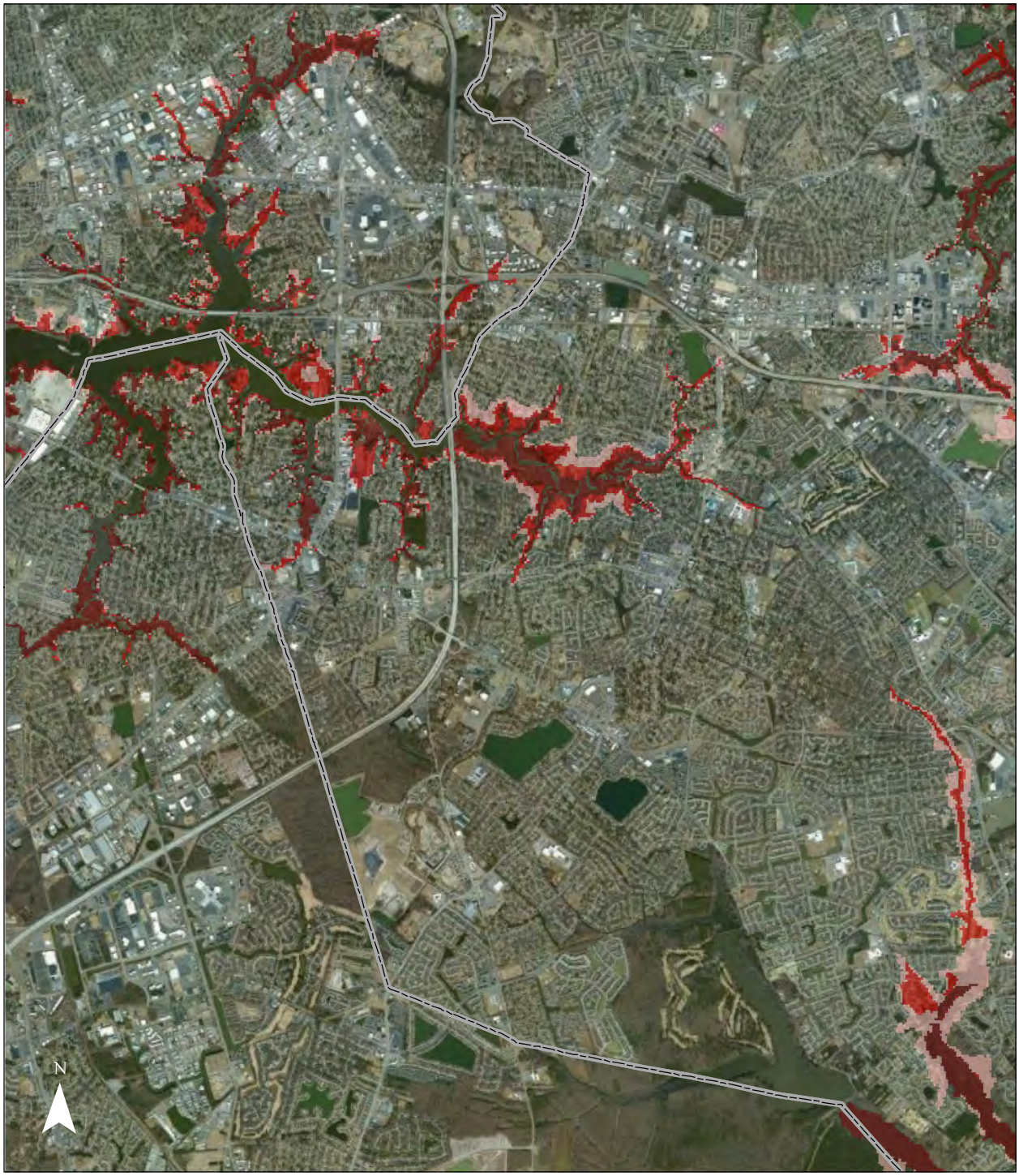
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

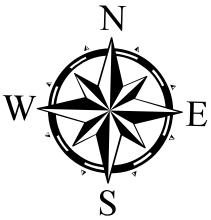
Hampton Roads Sea Level Rise
Map 34: Kempsville, VA Quadrangle

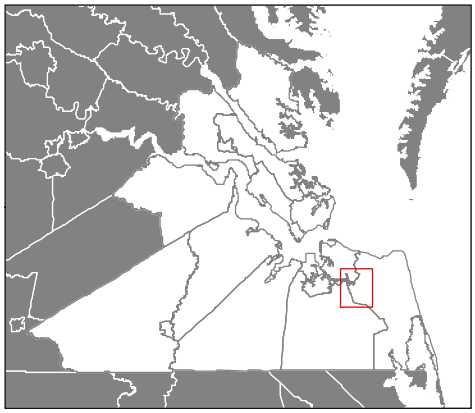


Legend

- Low Estimate
- Middle Estimate
- High Estimate

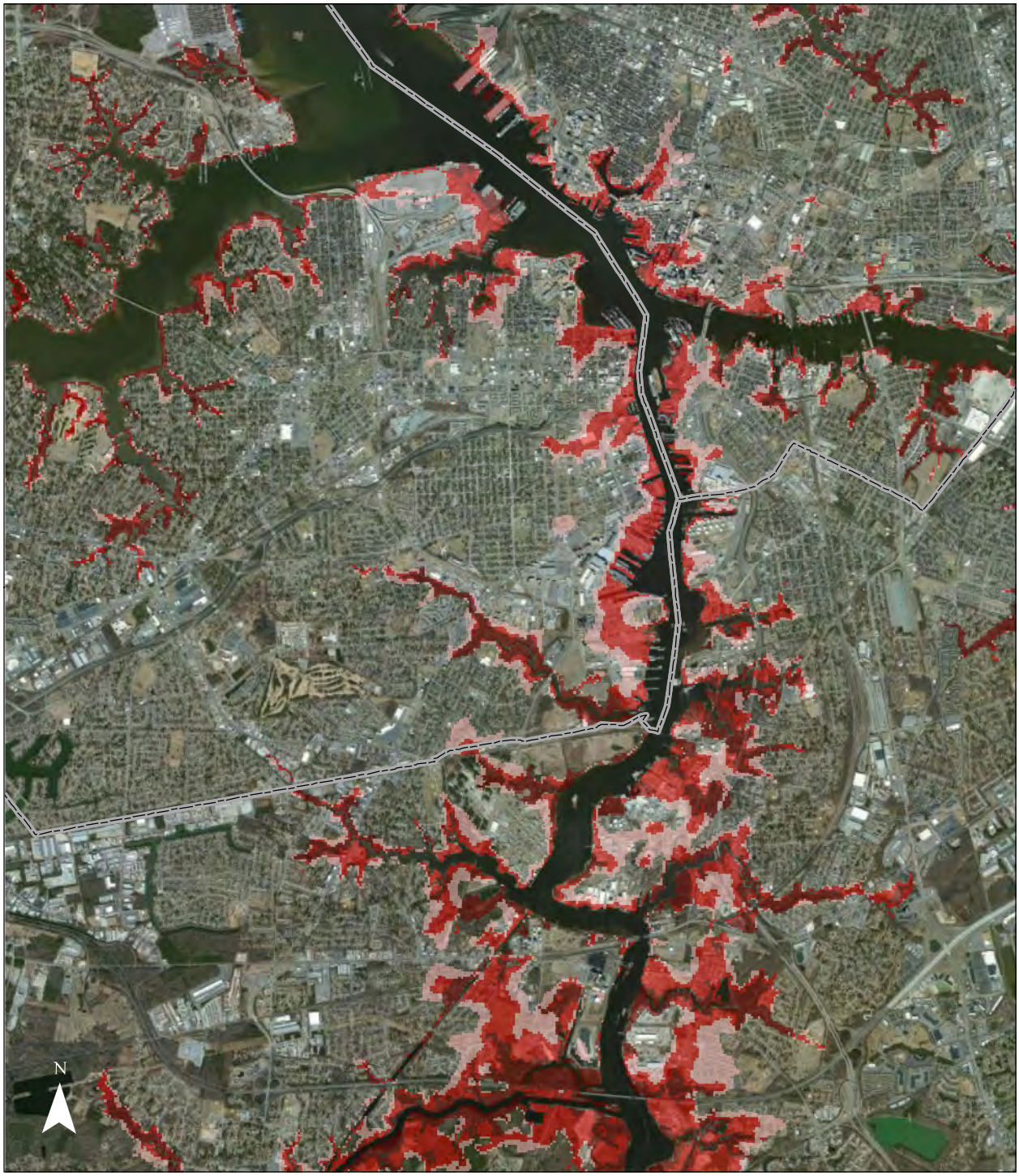
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

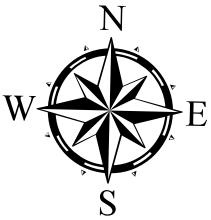
Hampton Roads Sea Level Rise
Map 35: Norfolk South, VA Quadrangle

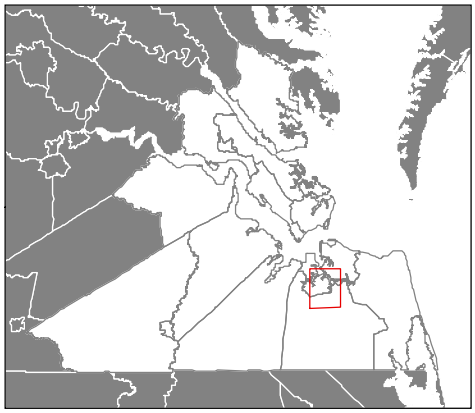


Legend

- Low Estimate
- Middle Estimate
- High Estimate

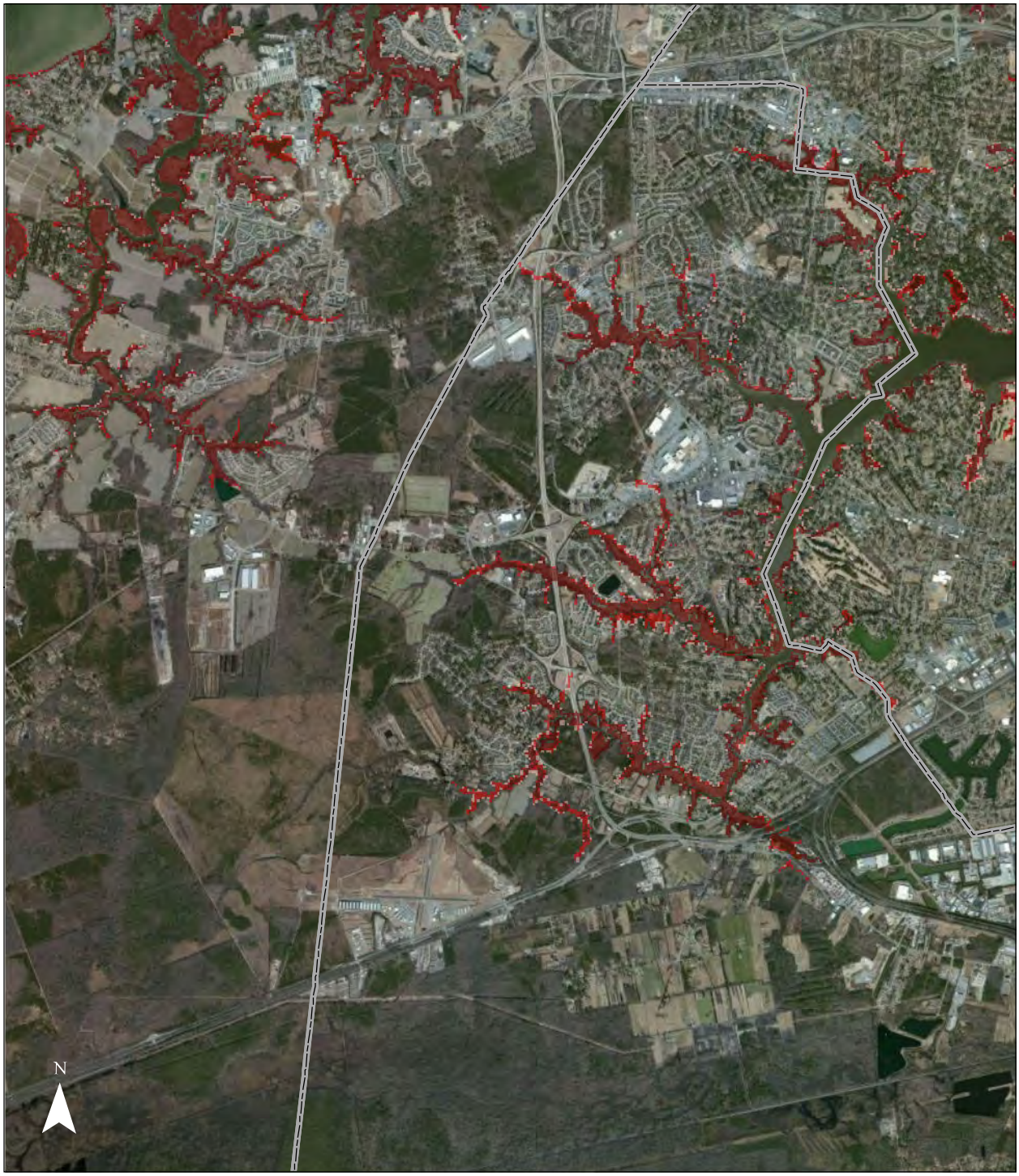
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

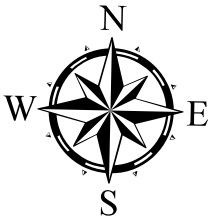
Hampton Roads Sea Level Rise
Map 36: Bowers Hill, VA Quadrangle

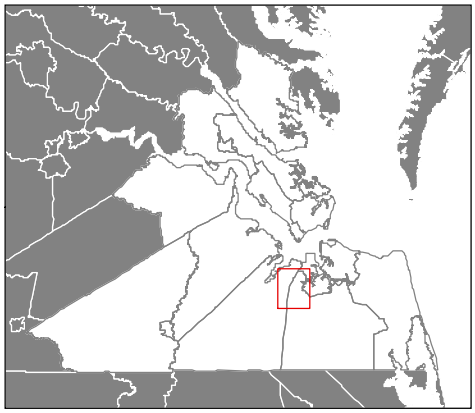


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





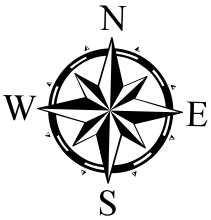
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

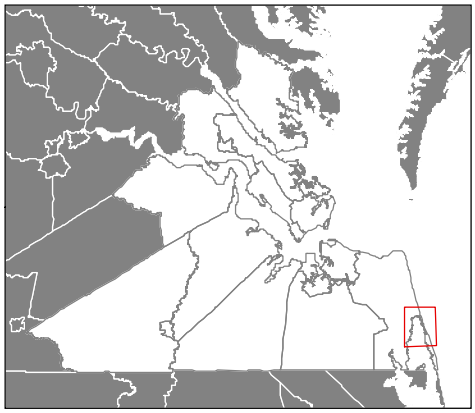
Hampton Roads Sea Level Rise
Map 37: North Bay, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

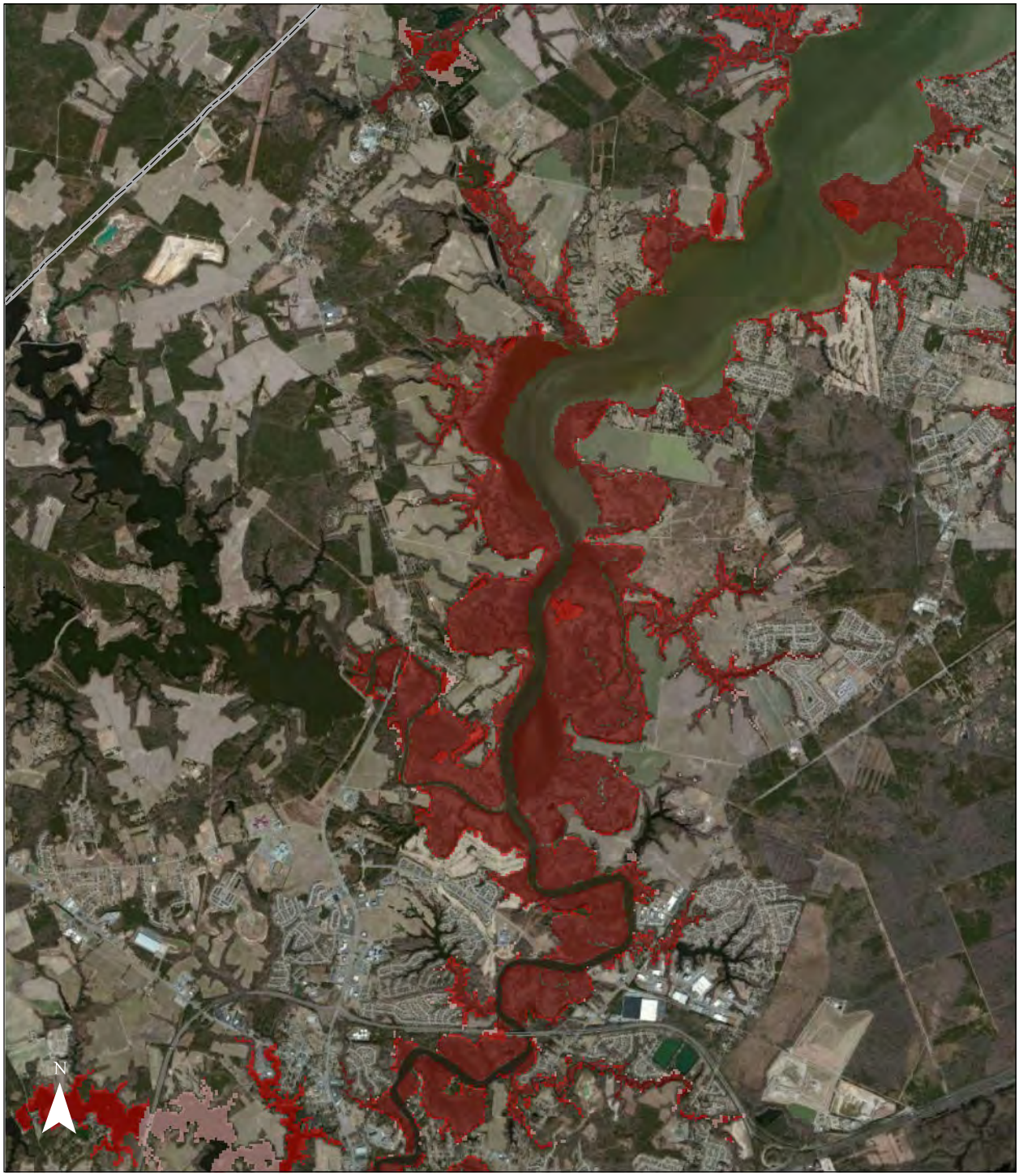
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

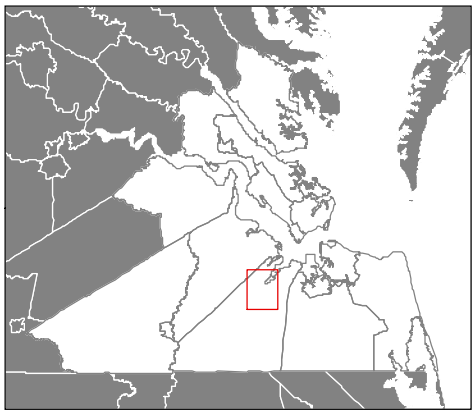
Hampton Roads Sea Level Rise
Map 38: Chuckatuck, VA Quadrangle



Legend

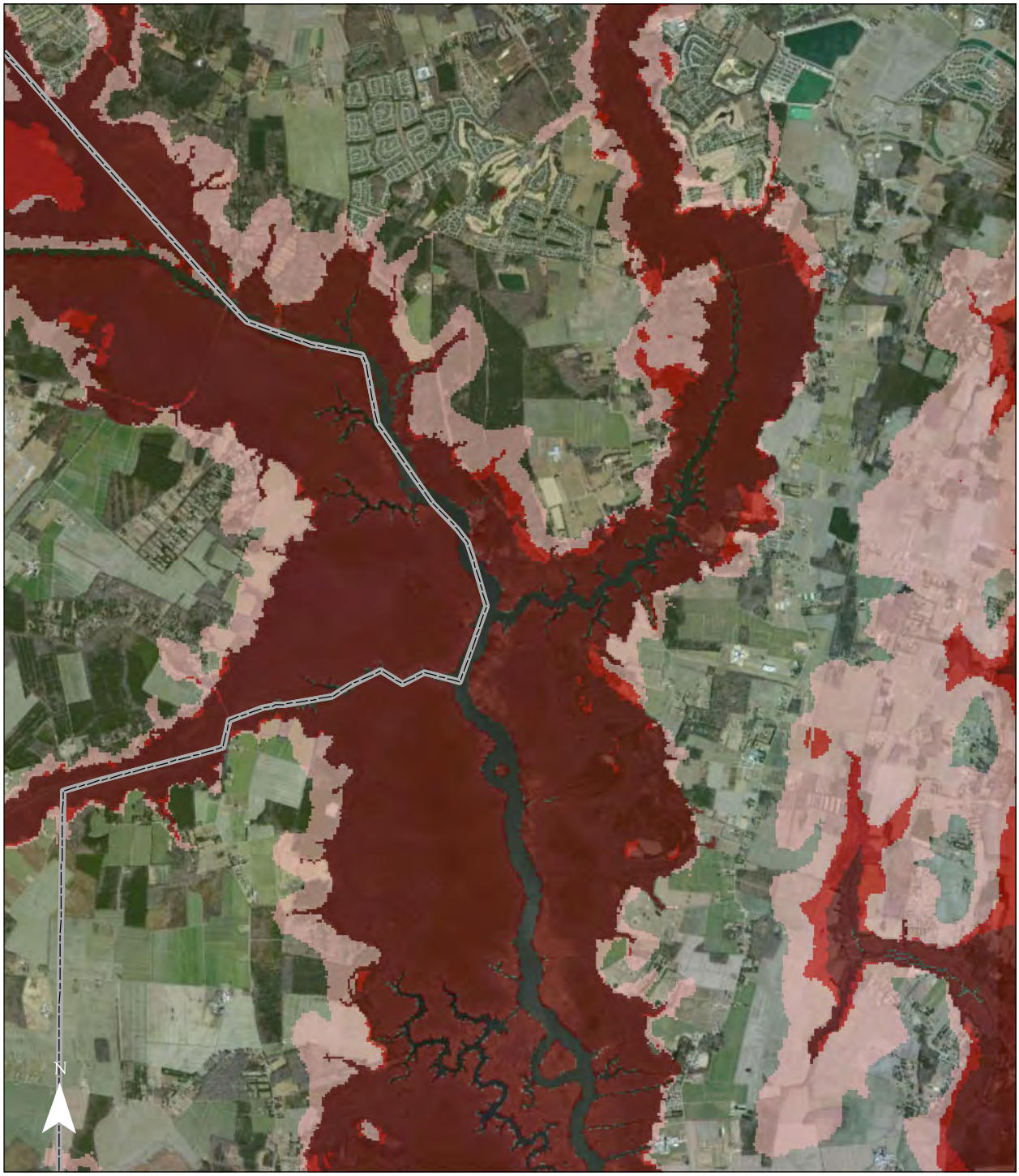
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

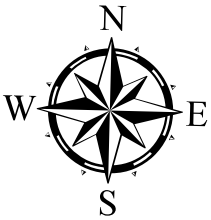
Hampton Roads Sea Level Rise
Map 39: Pleasant Ridge, VA Quadrangle

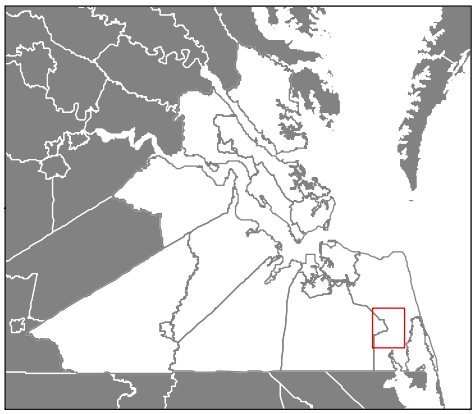


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





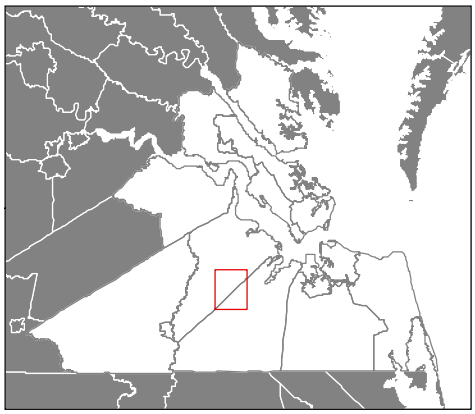
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 40: Windsor, VA Quadrangle

Legend

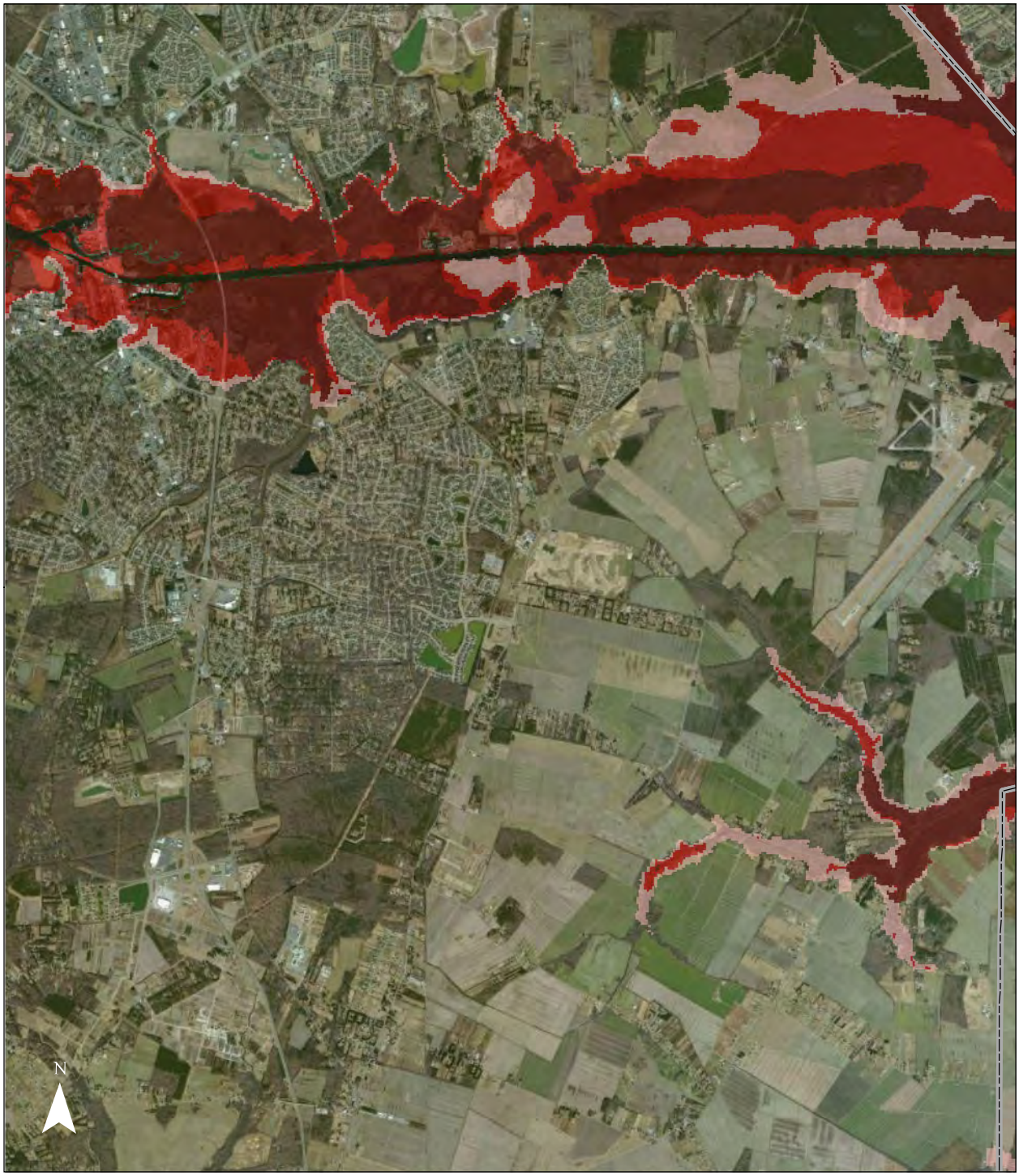
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

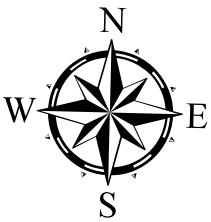
Hampton Roads Sea Level Rise
Map 41: Fentress, VA Quadrangle

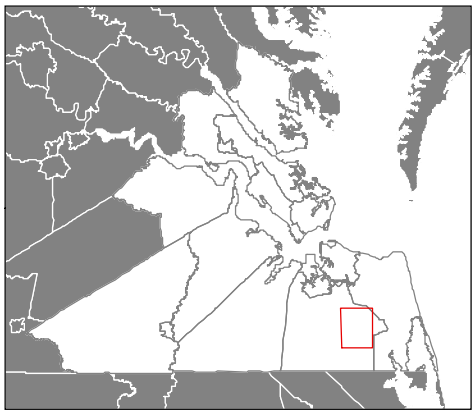


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





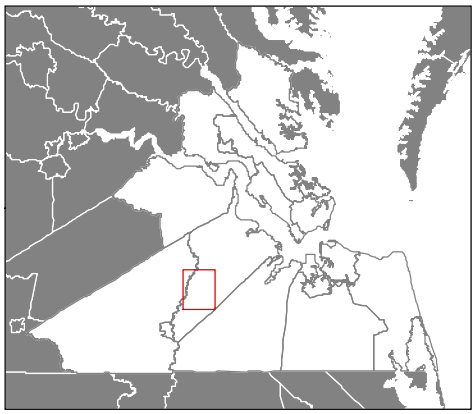
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 42: Zuni, VA Quadrangle

Legend

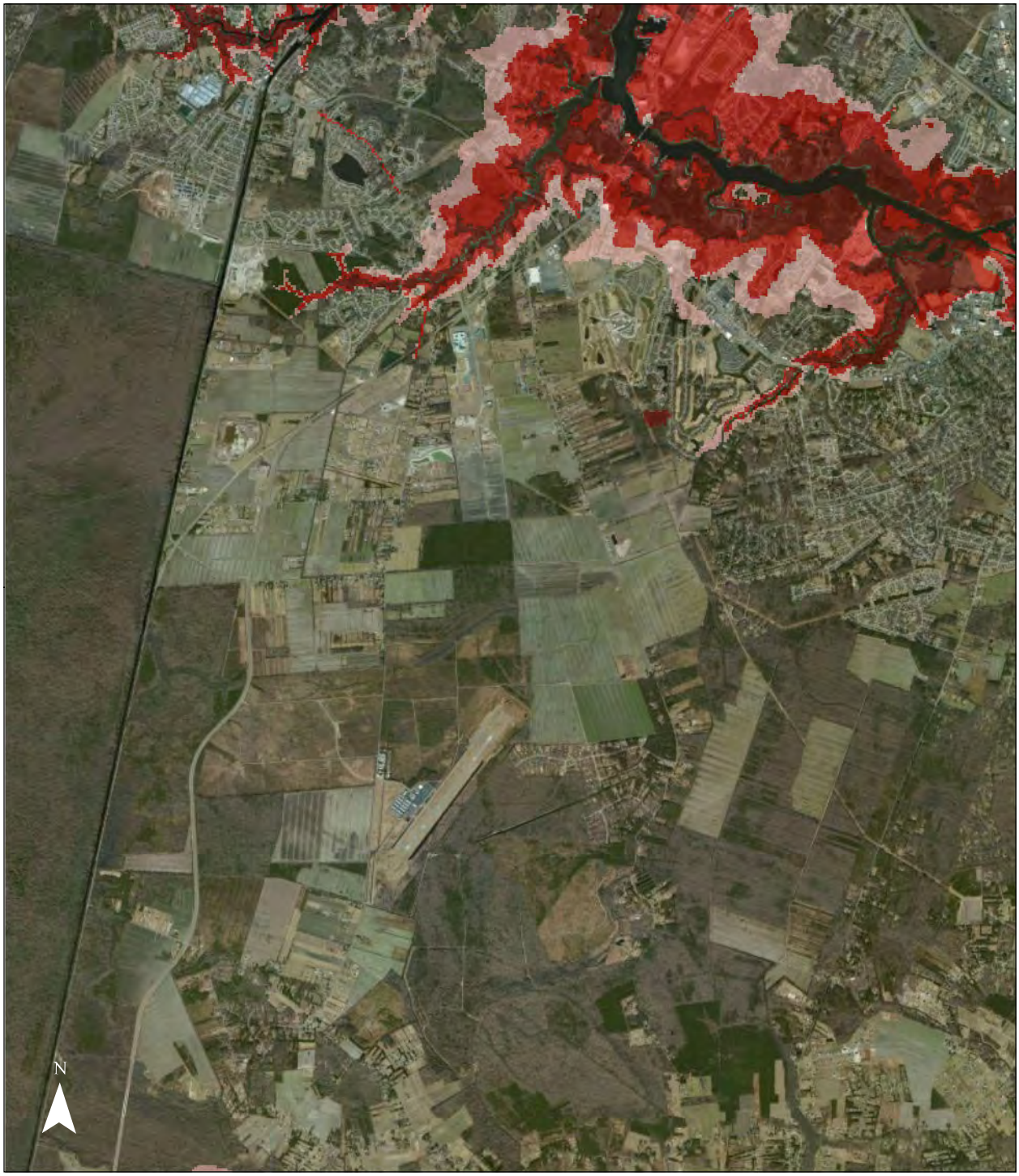
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

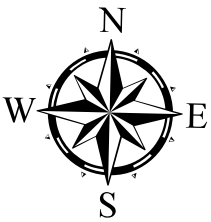
Hampton Roads Sea Level Rise
Map 43: Deep Creek, VA Quadrangle

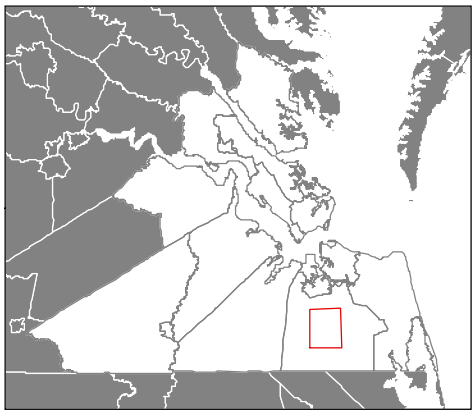


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





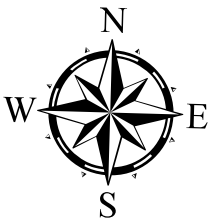
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

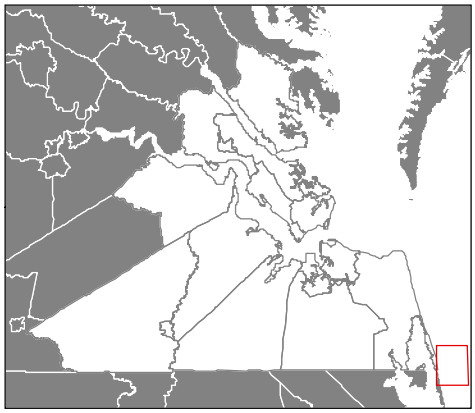
Hampton Roads Sea Level Rise
Map 44: Knotts Island OE E, NC-VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





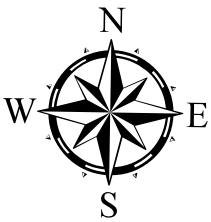
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

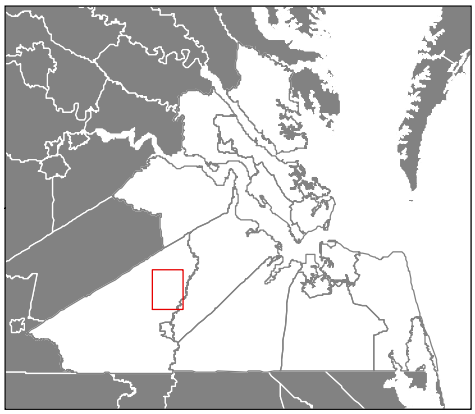
Hampton Roads Sea Level Rise
Map 45: Sedley, VA Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

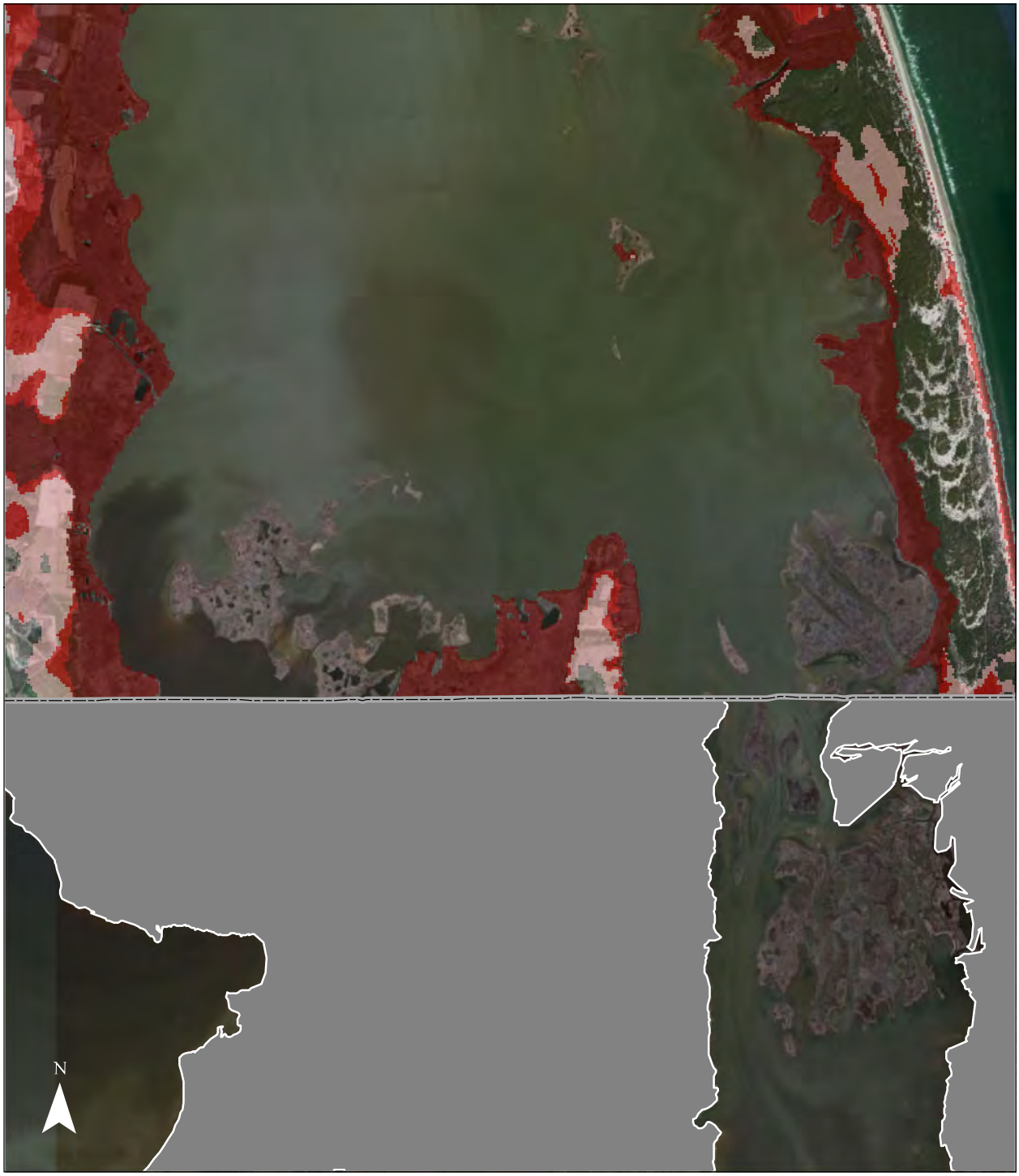
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

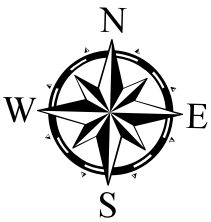
Hampton Roads Sea Level Rise
Map 46: Knotts Island, VA-NC Quadrangle

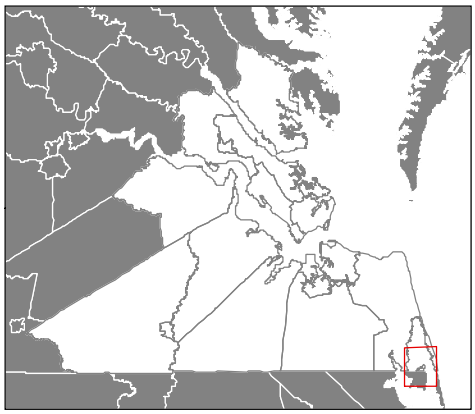


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





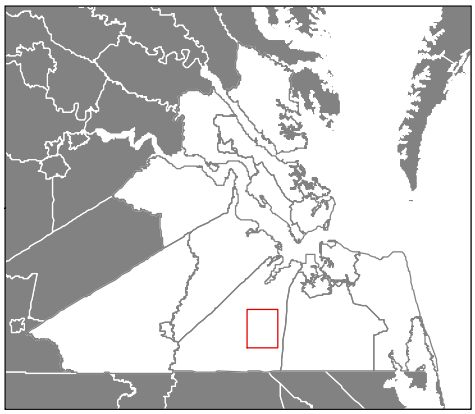
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

Hampton Roads Sea Level Rise
Map 47: Suffolk, VA Quadrangle

Legend

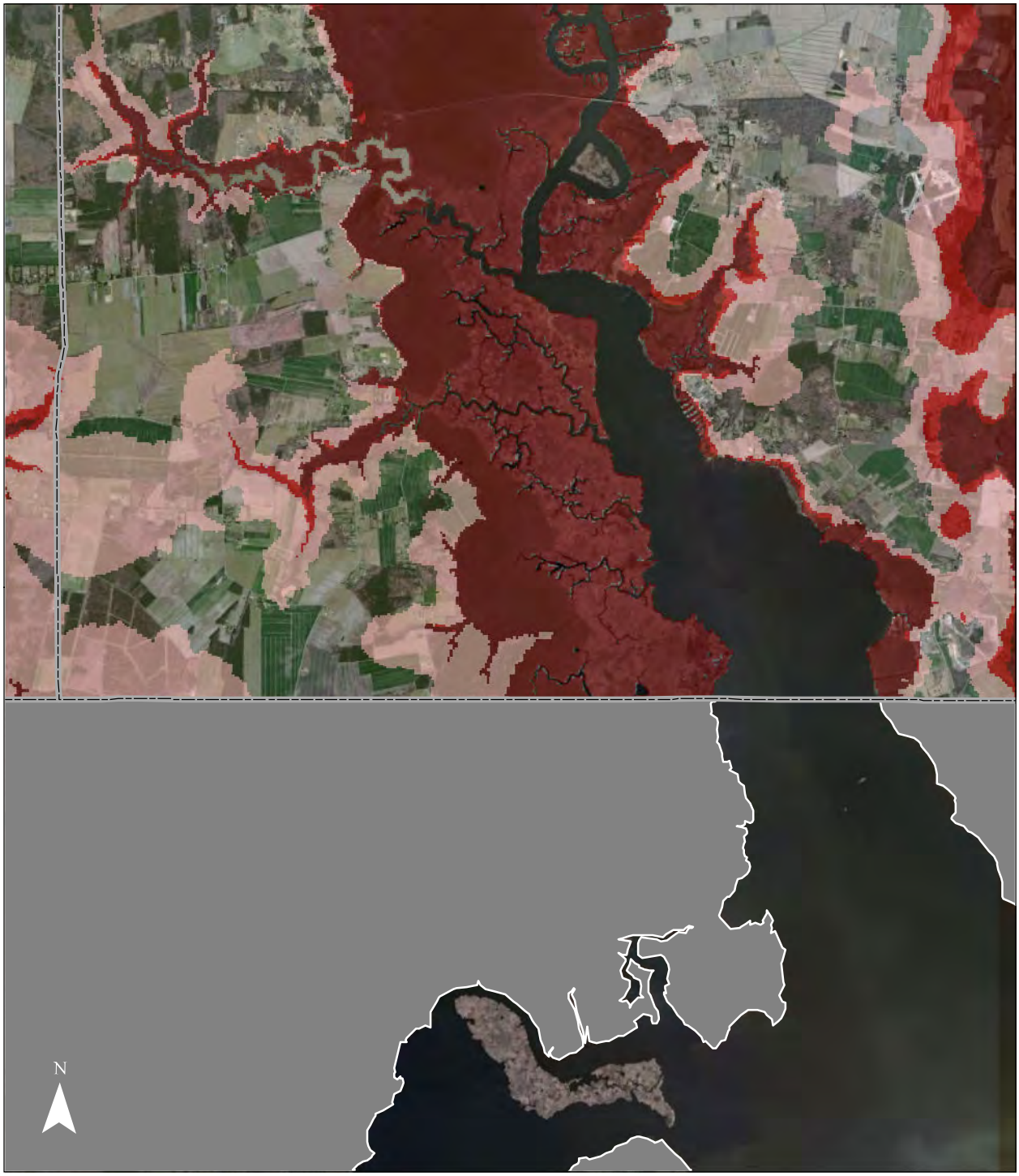
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

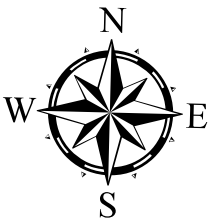
Hampton Roads Sea Level Rise
Map 48: Creeds, VA-NC Quadrangle

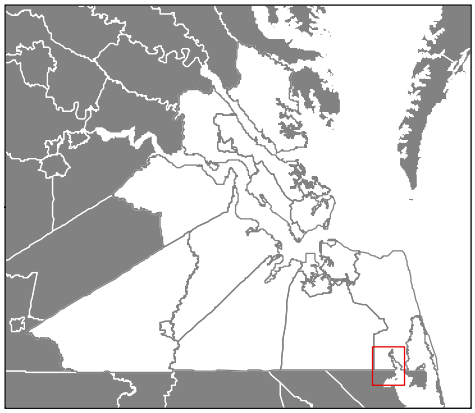


Legend

- Low Estimate
- Middle Estimate
- High Estimate

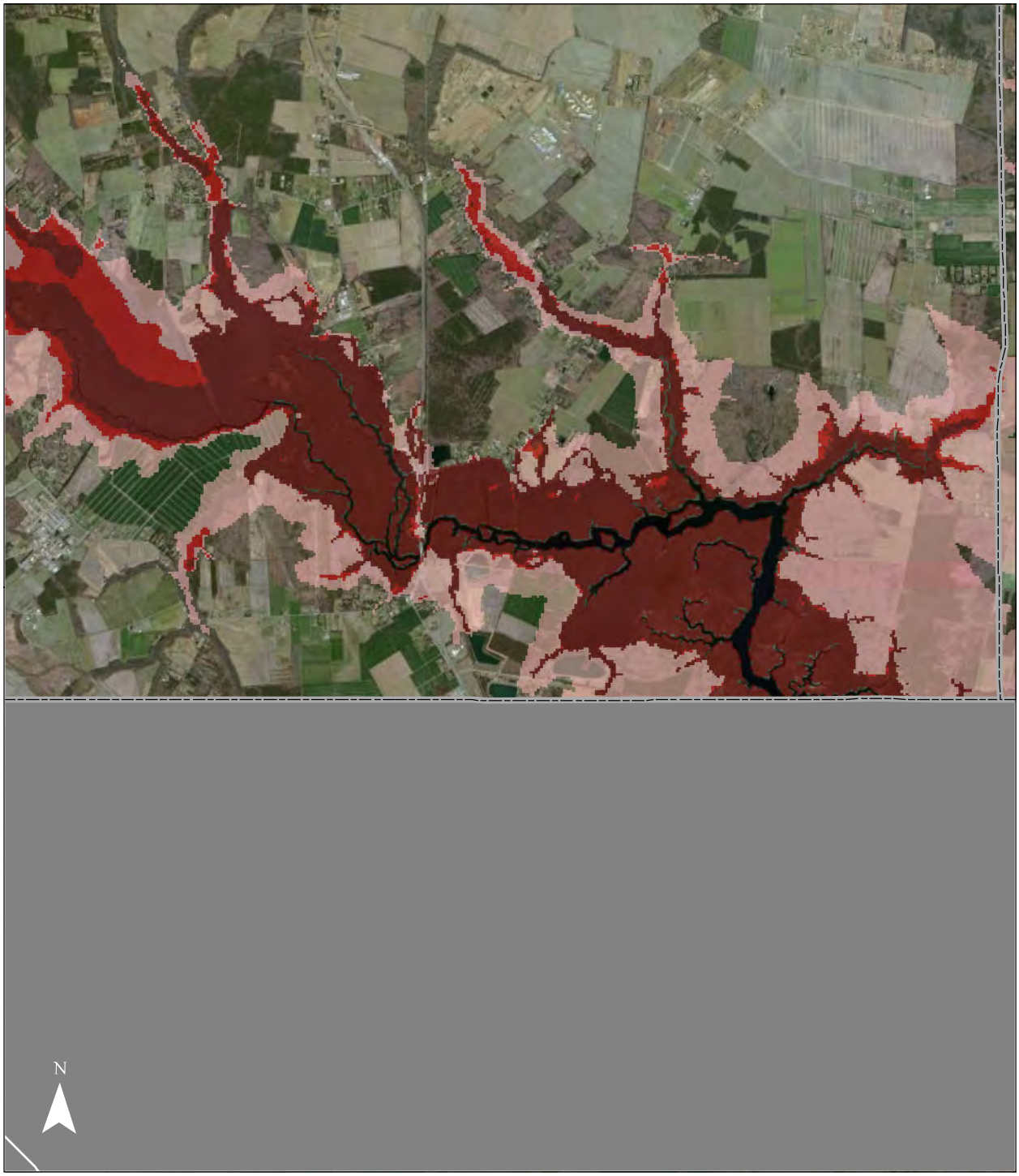
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

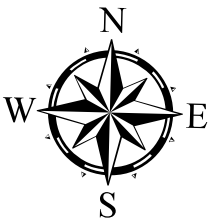
Hampton Roads Sea Level Rise
Map 49: Moyock, VA-NC Quadrangle

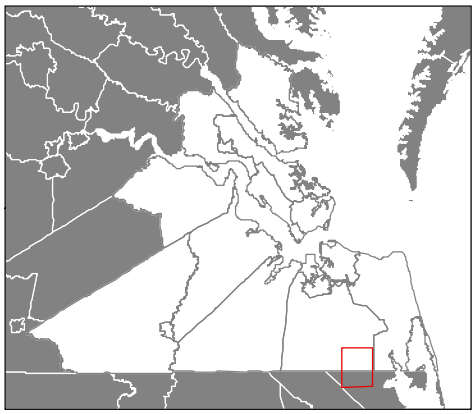


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





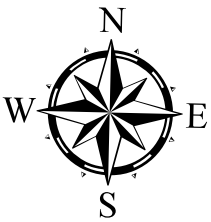
Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

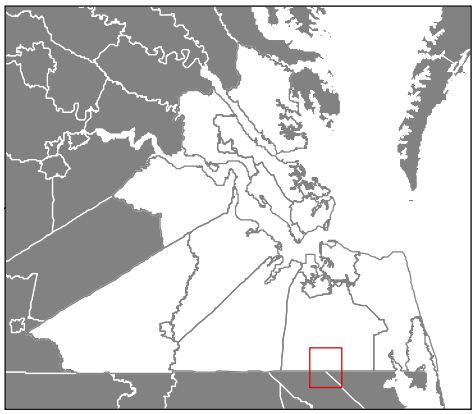
Hampton Roads Sea Level Rise
Map 50: Lake Drummond SE, VA-NC Quadrangle

Legend

- Low Estimate
- Middle Estimate
- High Estimate

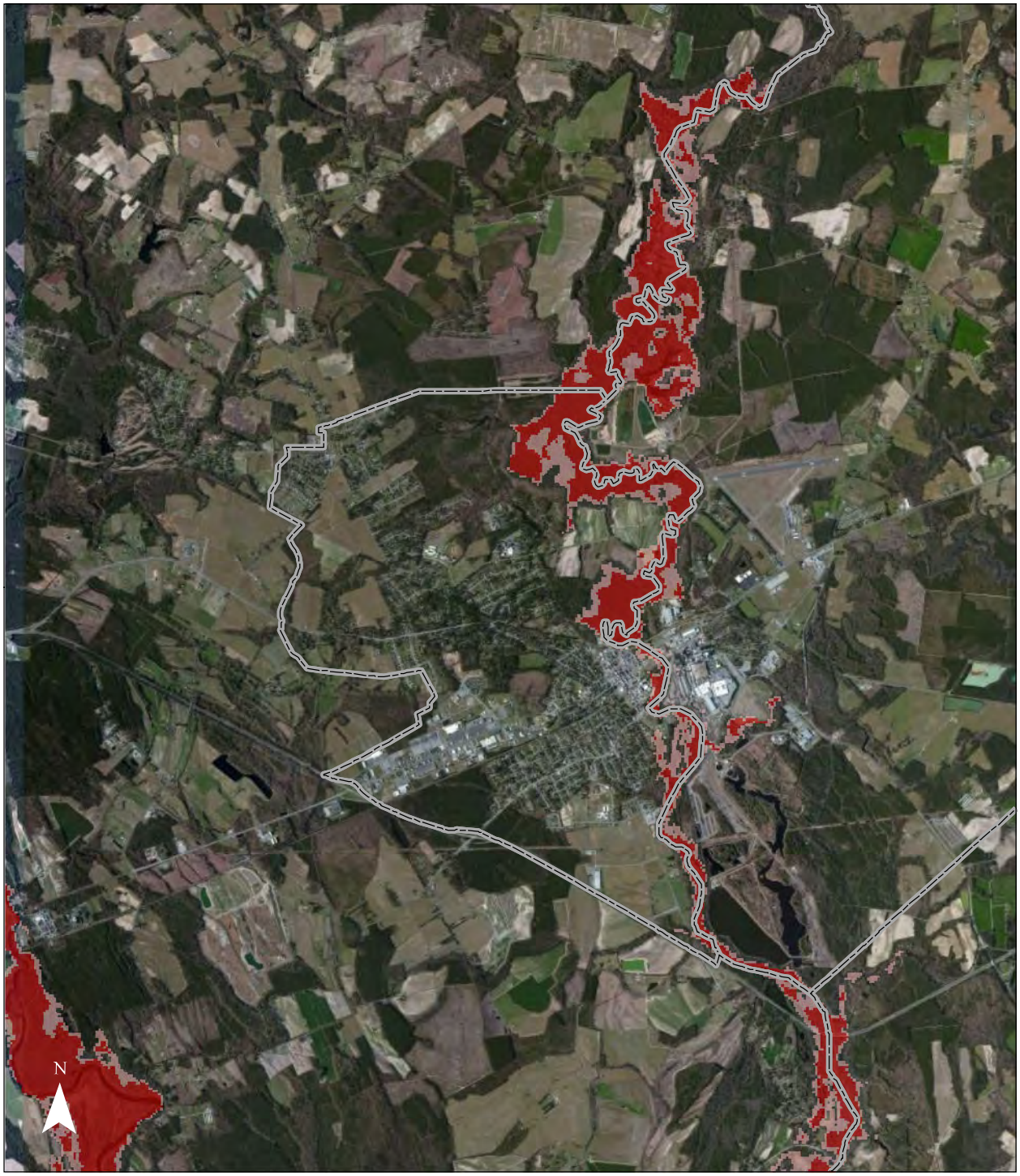
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

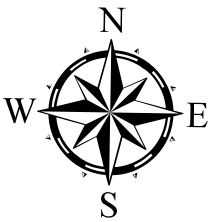
Hampton Roads Sea Level Rise
Map 51: Franklin, VA Quadrangle

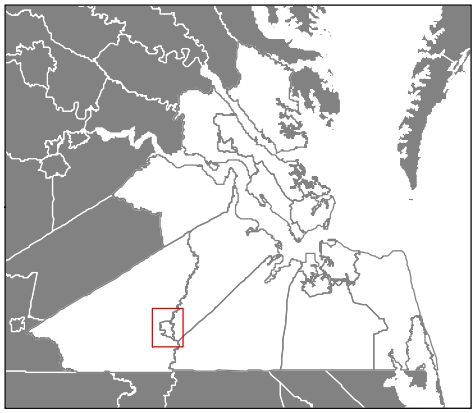


Legend

- Low Estimate
- Middle Estimate
- High Estimate

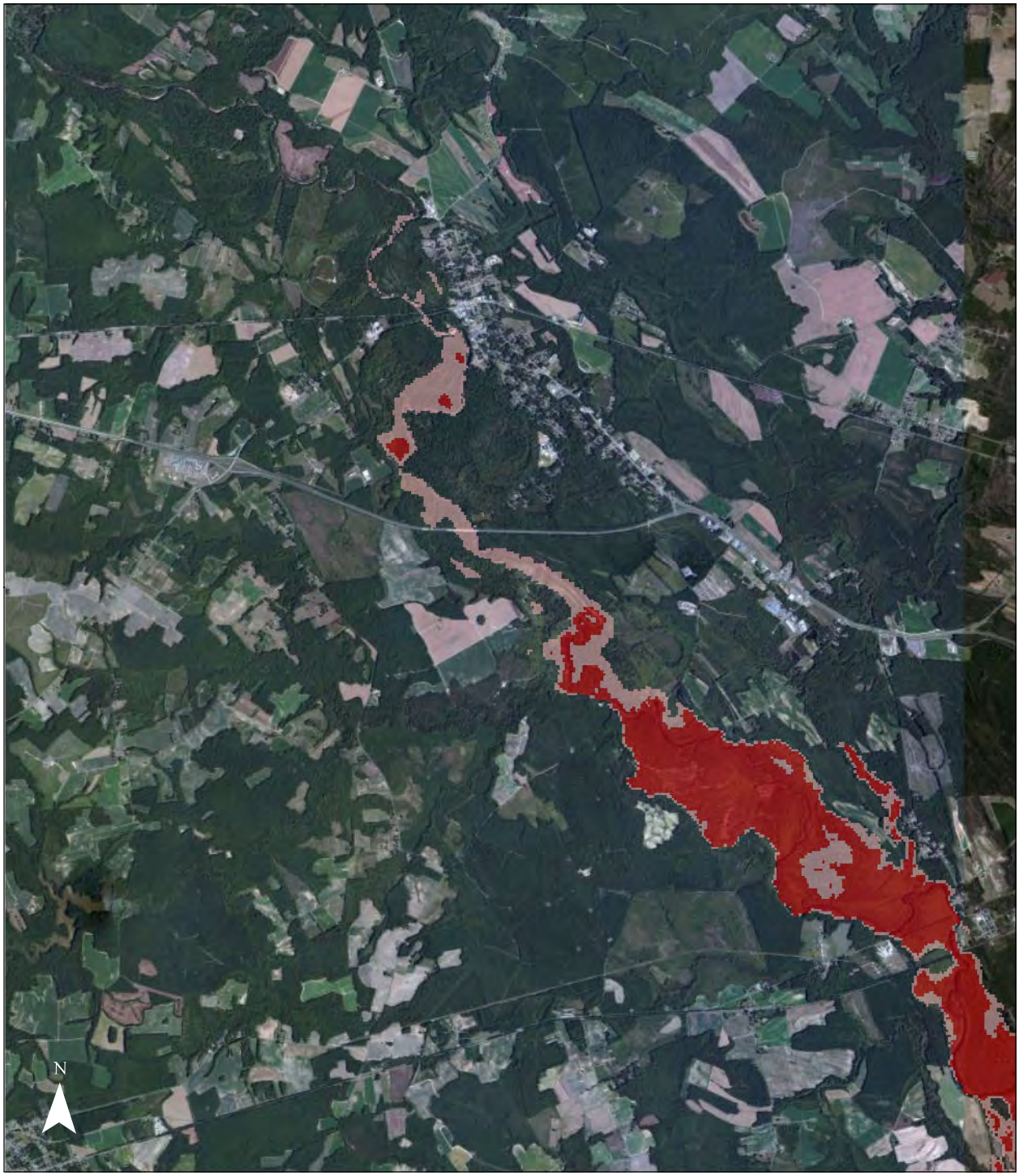
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

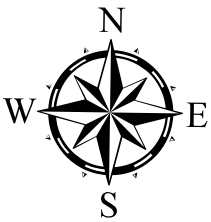
Hampton Roads Sea Level Rise
Map 52: Courtland, VA Quadrangle

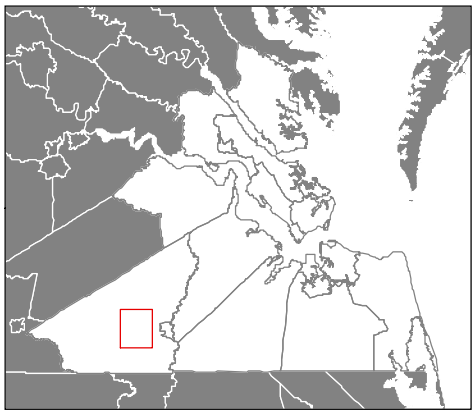


Legend

- Low Estimate
- Middle Estimate
- High Estimate

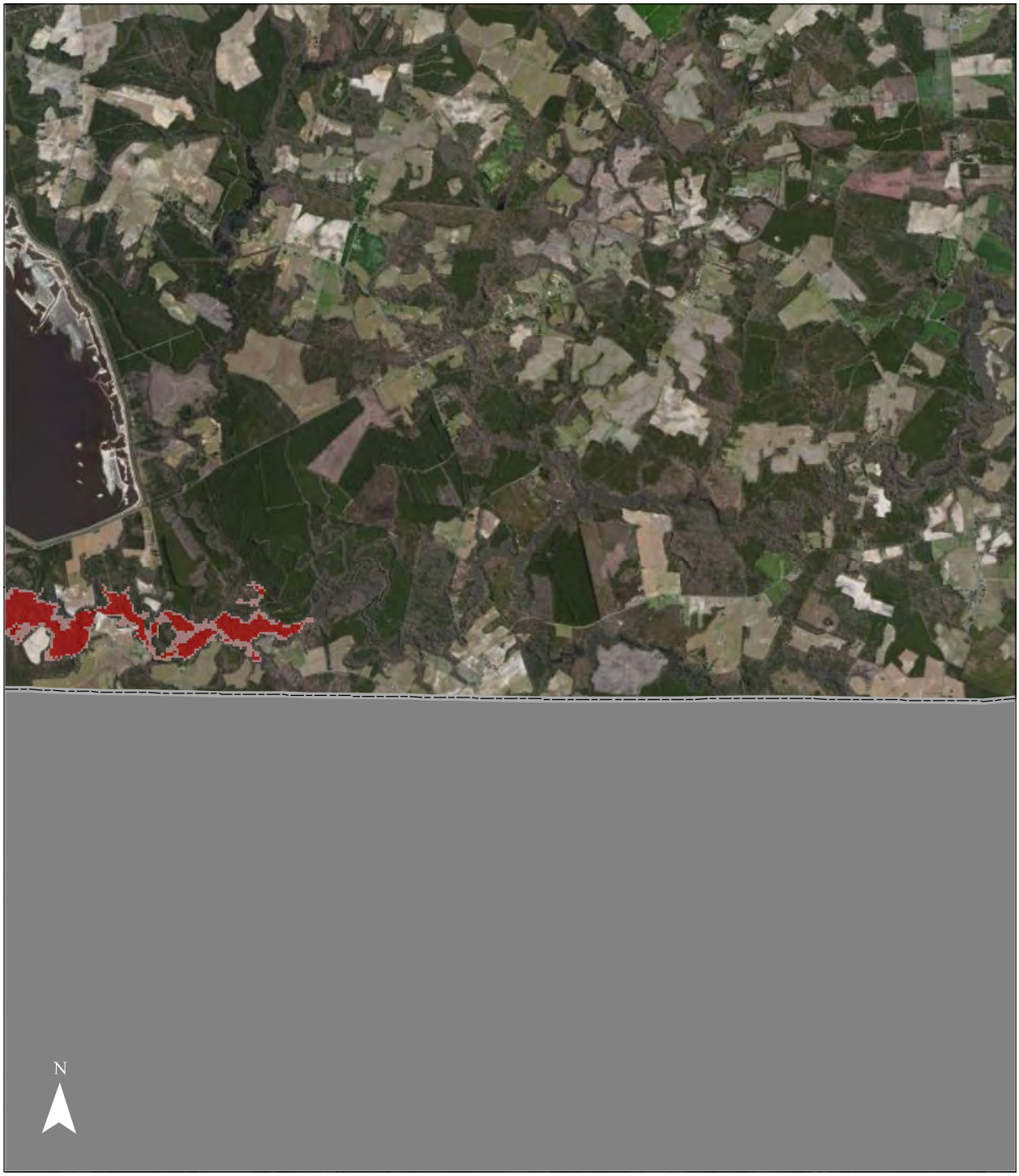
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

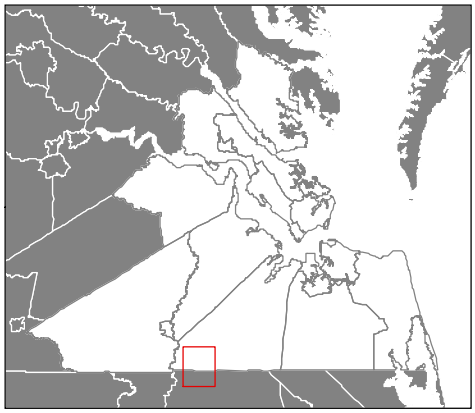
Hampton Roads Sea Level Rise
Map 53: Gates, VA-NC Quadrangle



Legend

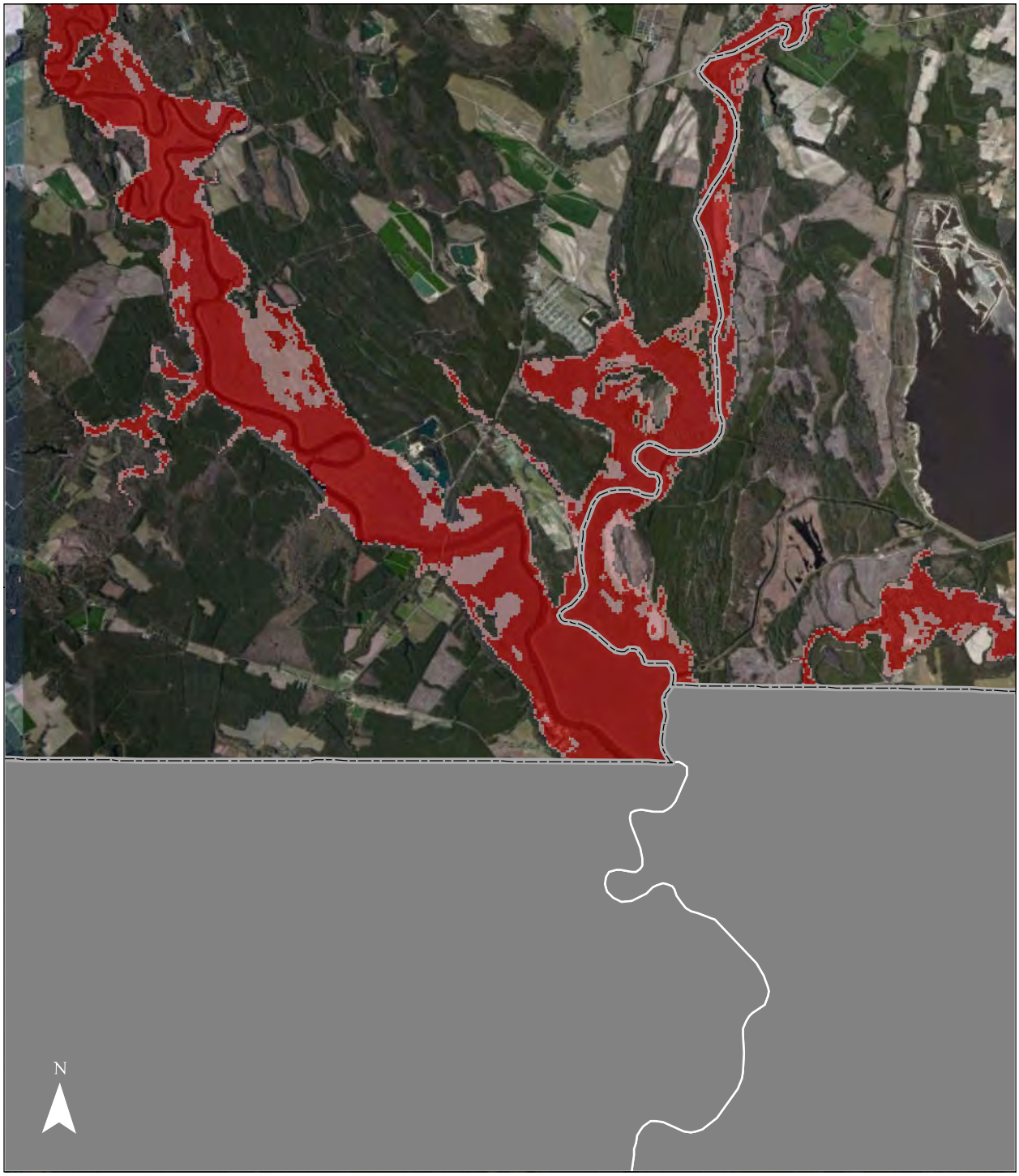
- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles



Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

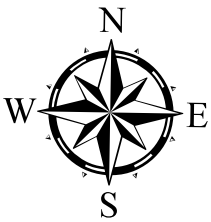
Hampton Roads Sea Level Rise
Map 54: Riverdale, VA-NC Quadrangle

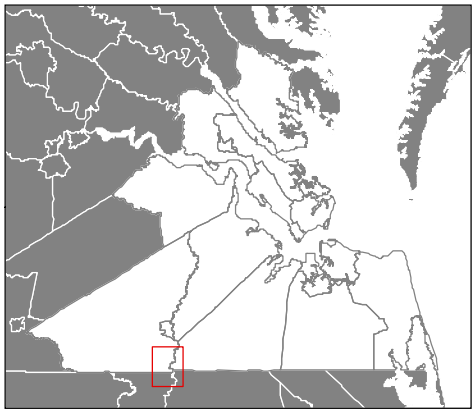


Legend

- Low Estimate
- Middle Estimate
- High Estimate

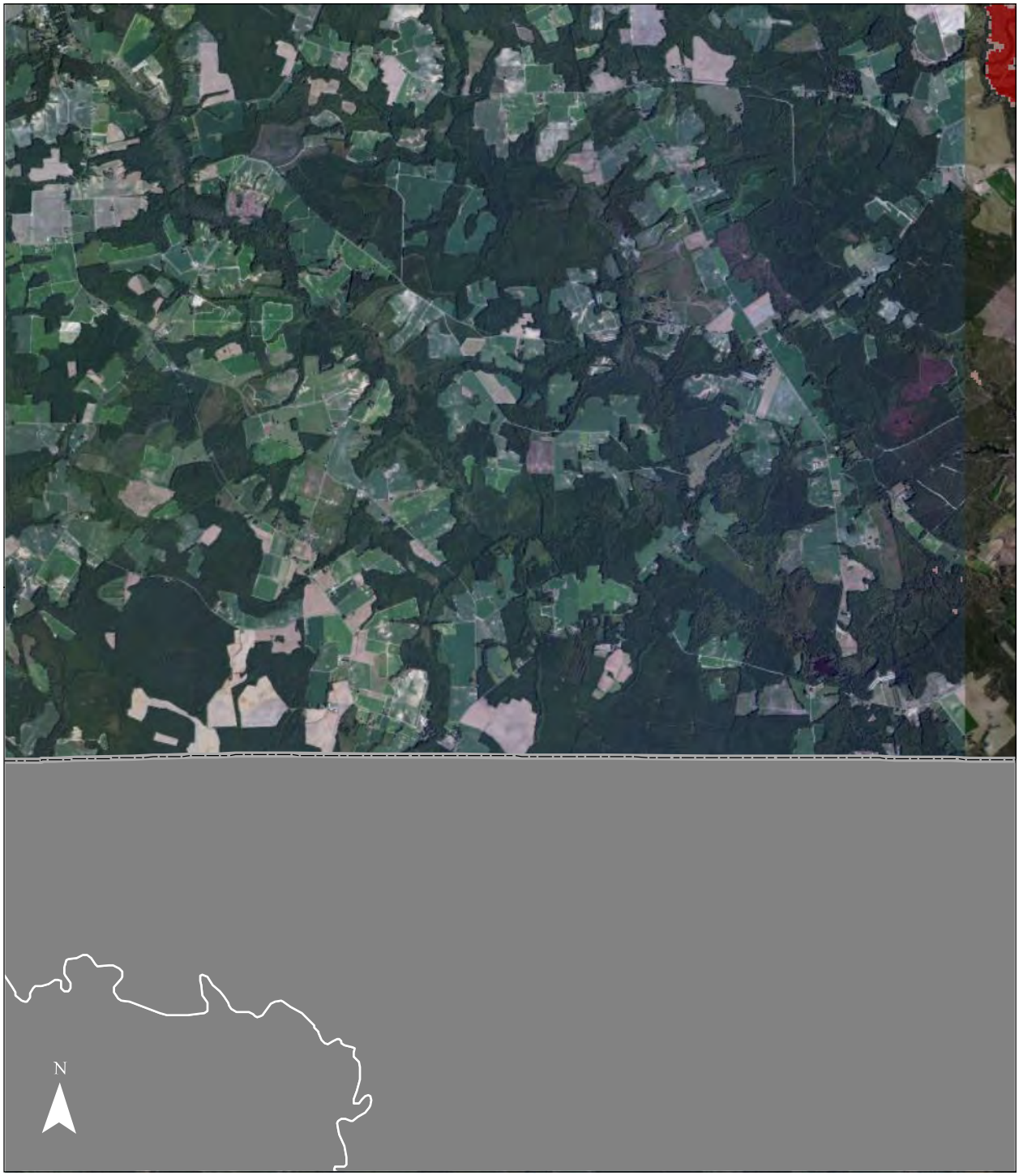
0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)

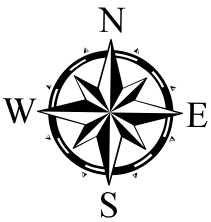
Hampton Roads Sea Level Rise
Map 55: Sunbeam, VA-NC Quadrangle

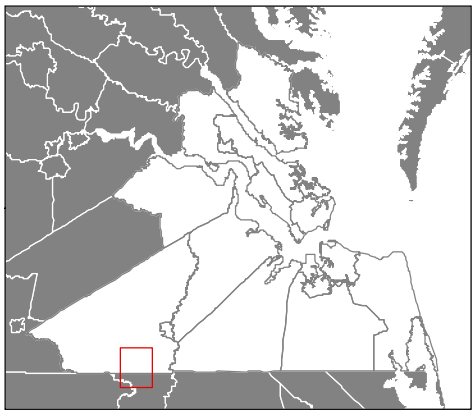


Legend

- Low Estimate
- Middle Estimate
- High Estimate

0 0.75 1.5 Miles





Data Sources: Bing Maps (Imagery), U.S. Geological Survey (Quads), U.S. Environmental Protection Agency (Elevation)