

Figure 3-179

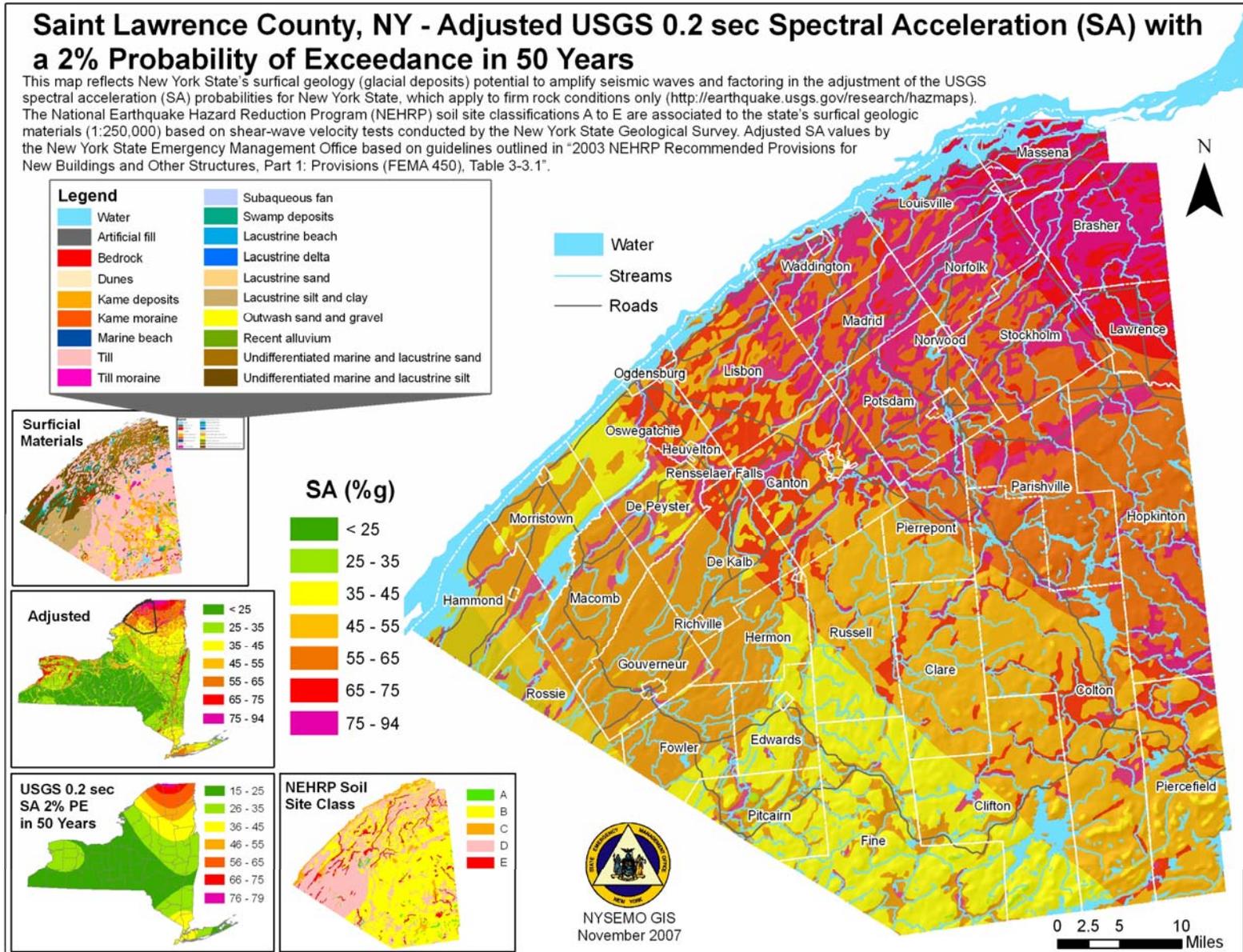


Figure 3-180

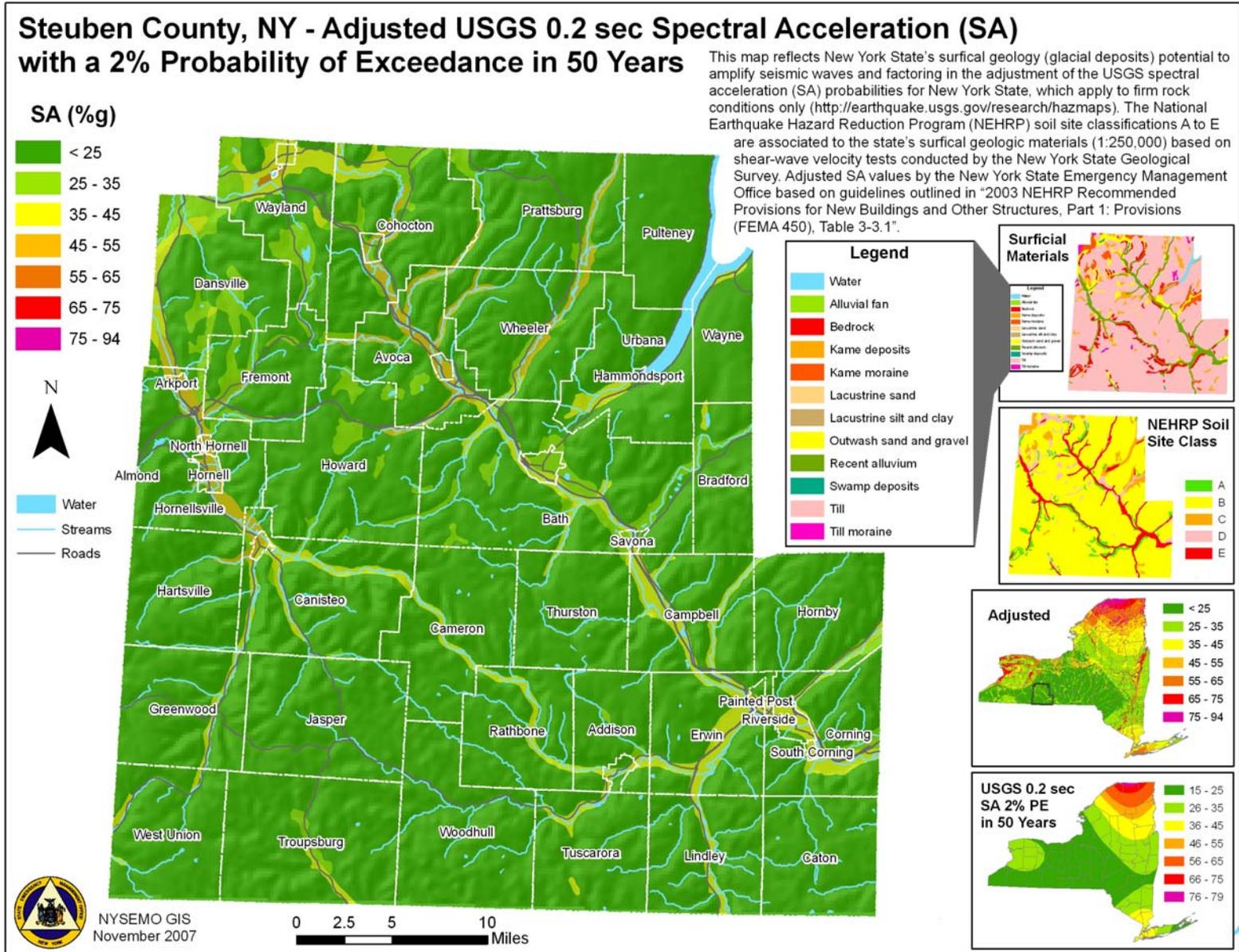


Figure 3-181

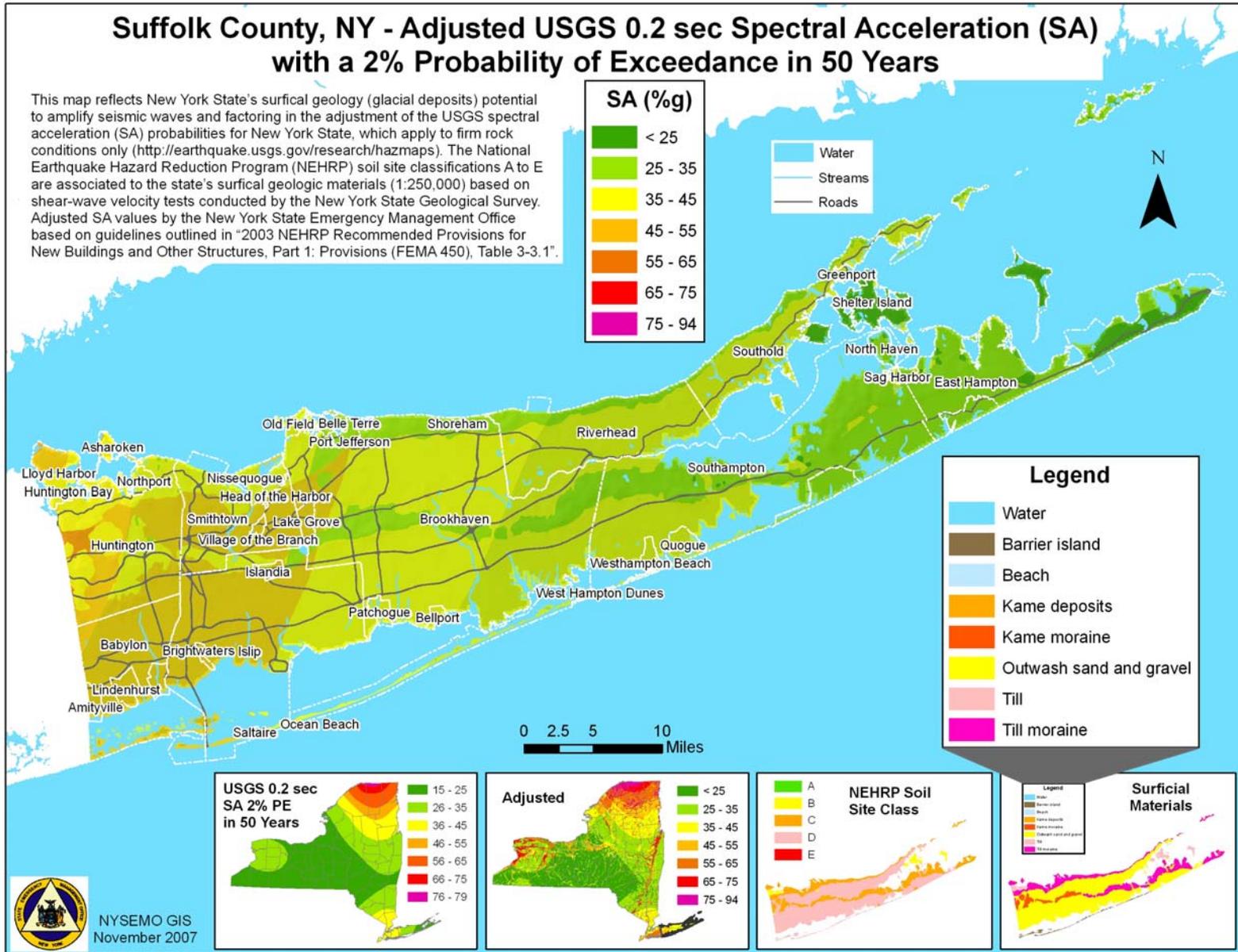


Figure 3-182

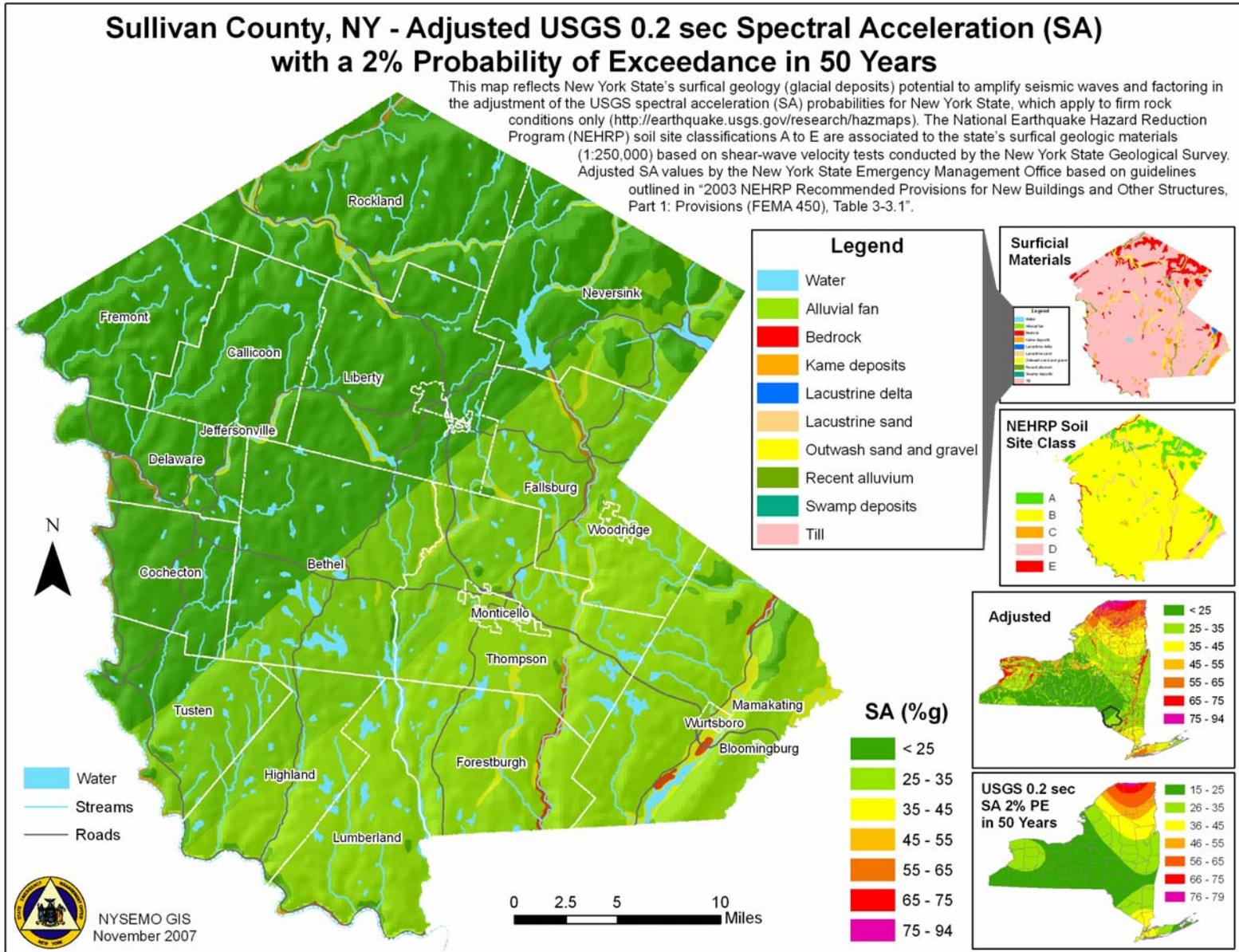


Figure 3-183

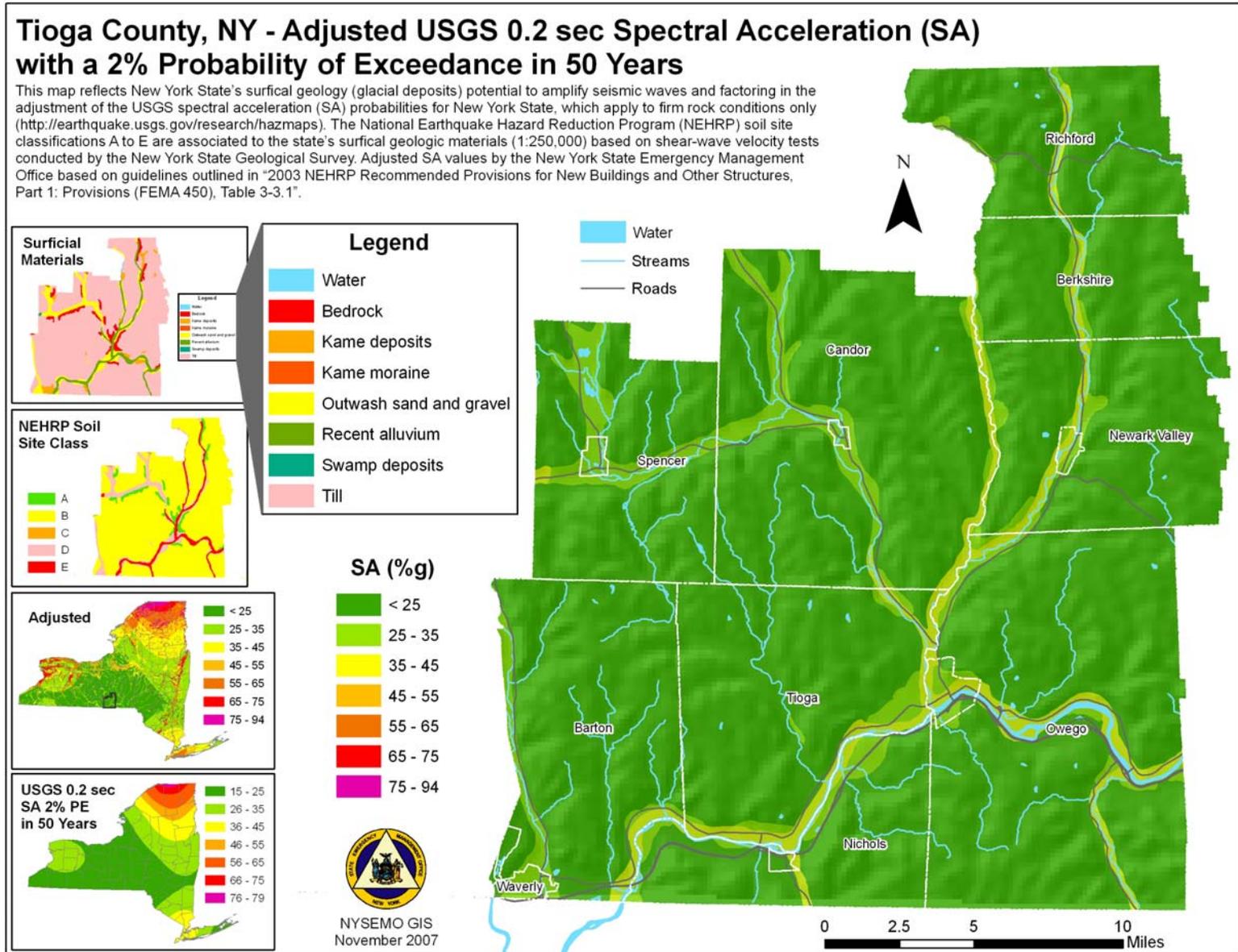


Figure 3-184

Tompkins County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

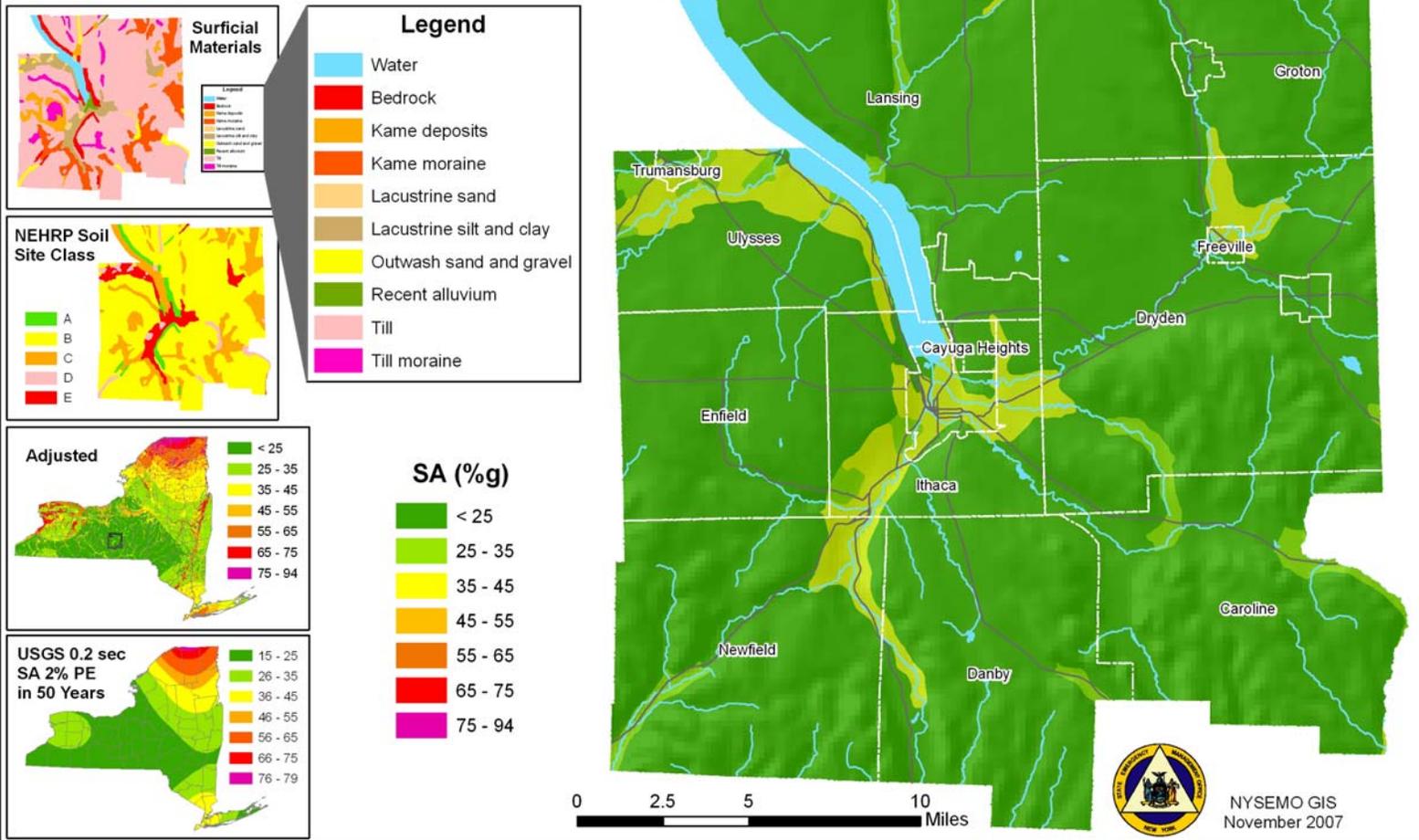


Figure 3-185

Ulster County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

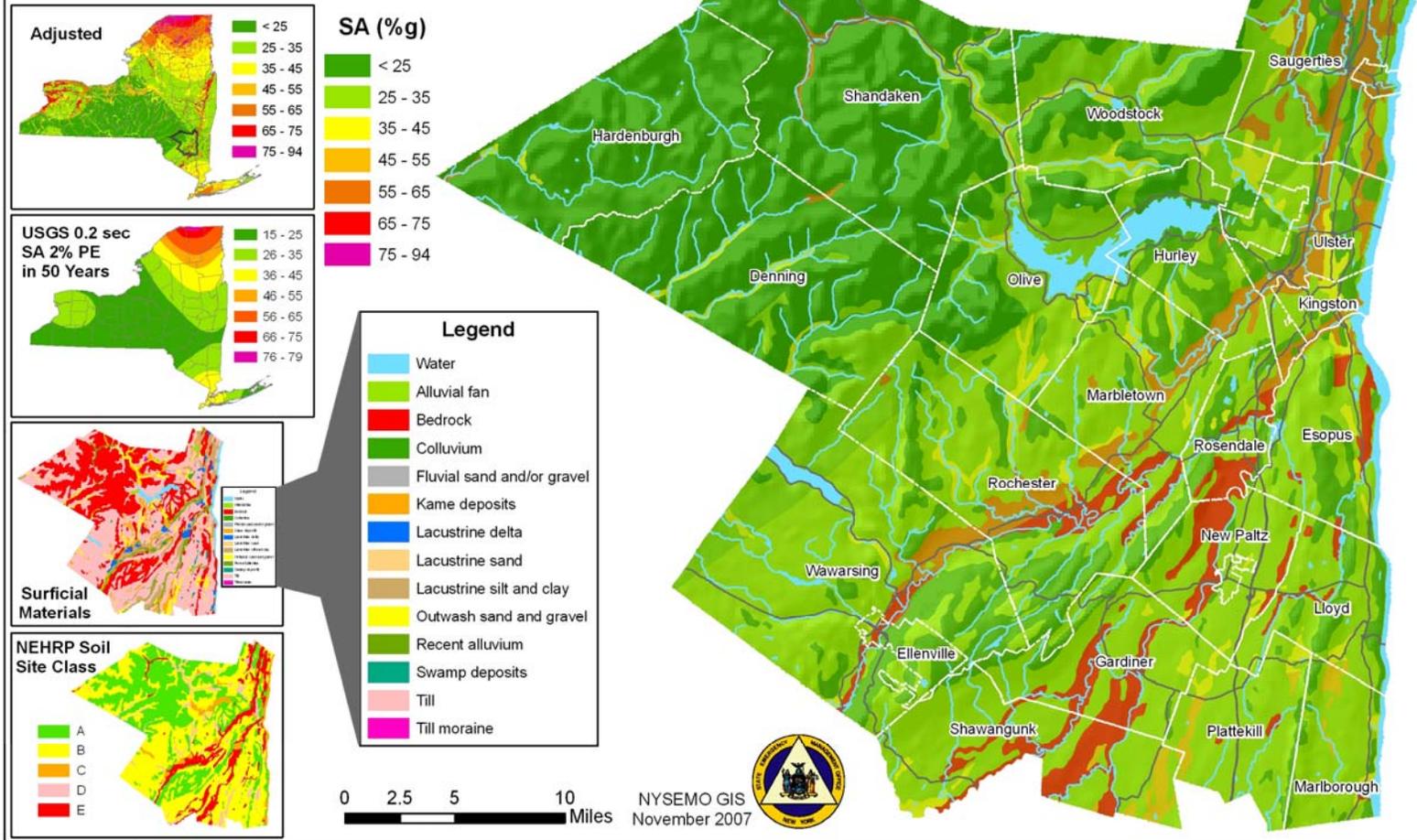


Figure 3-186

Warren County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

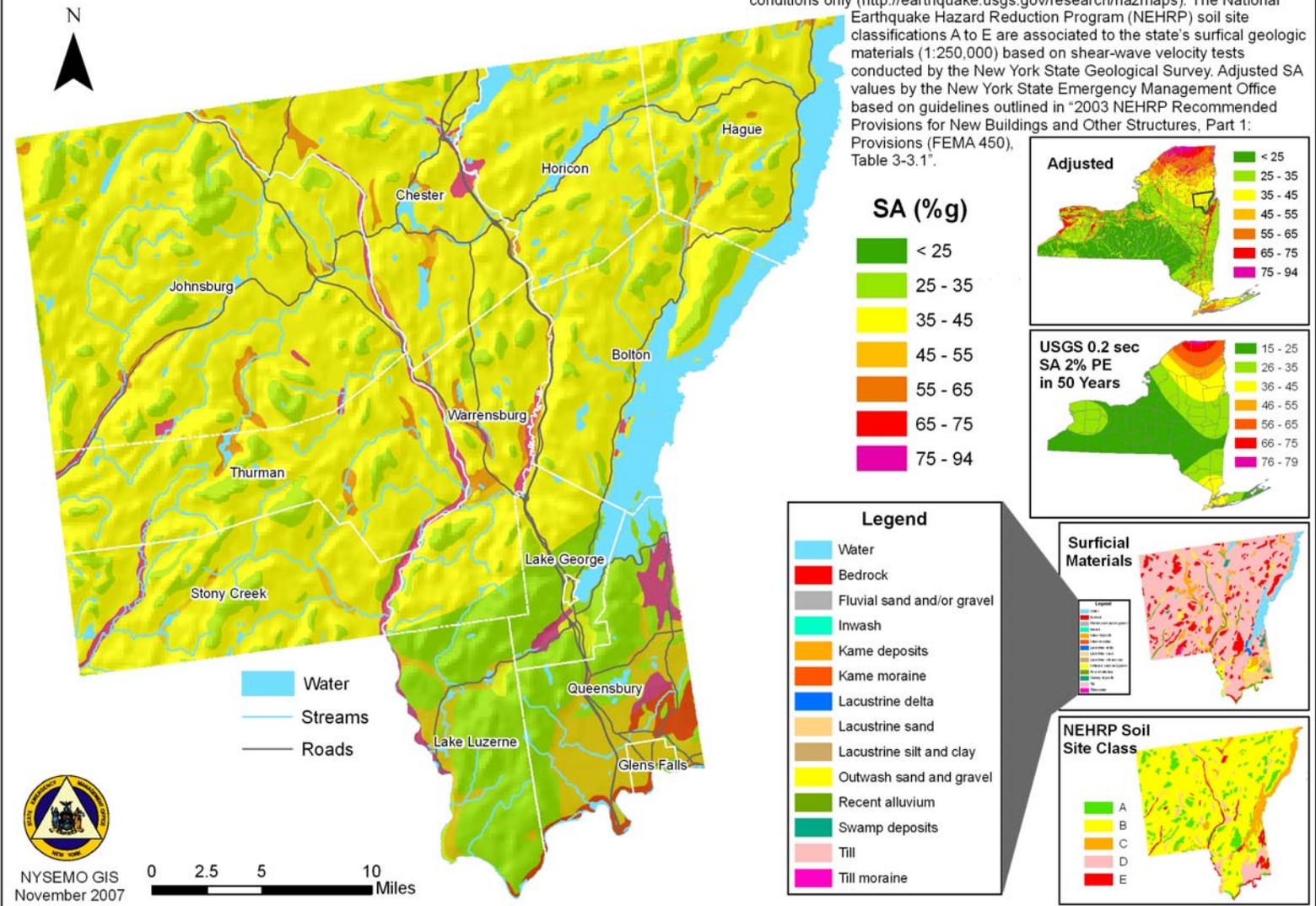


Figure 3-187

Washington County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

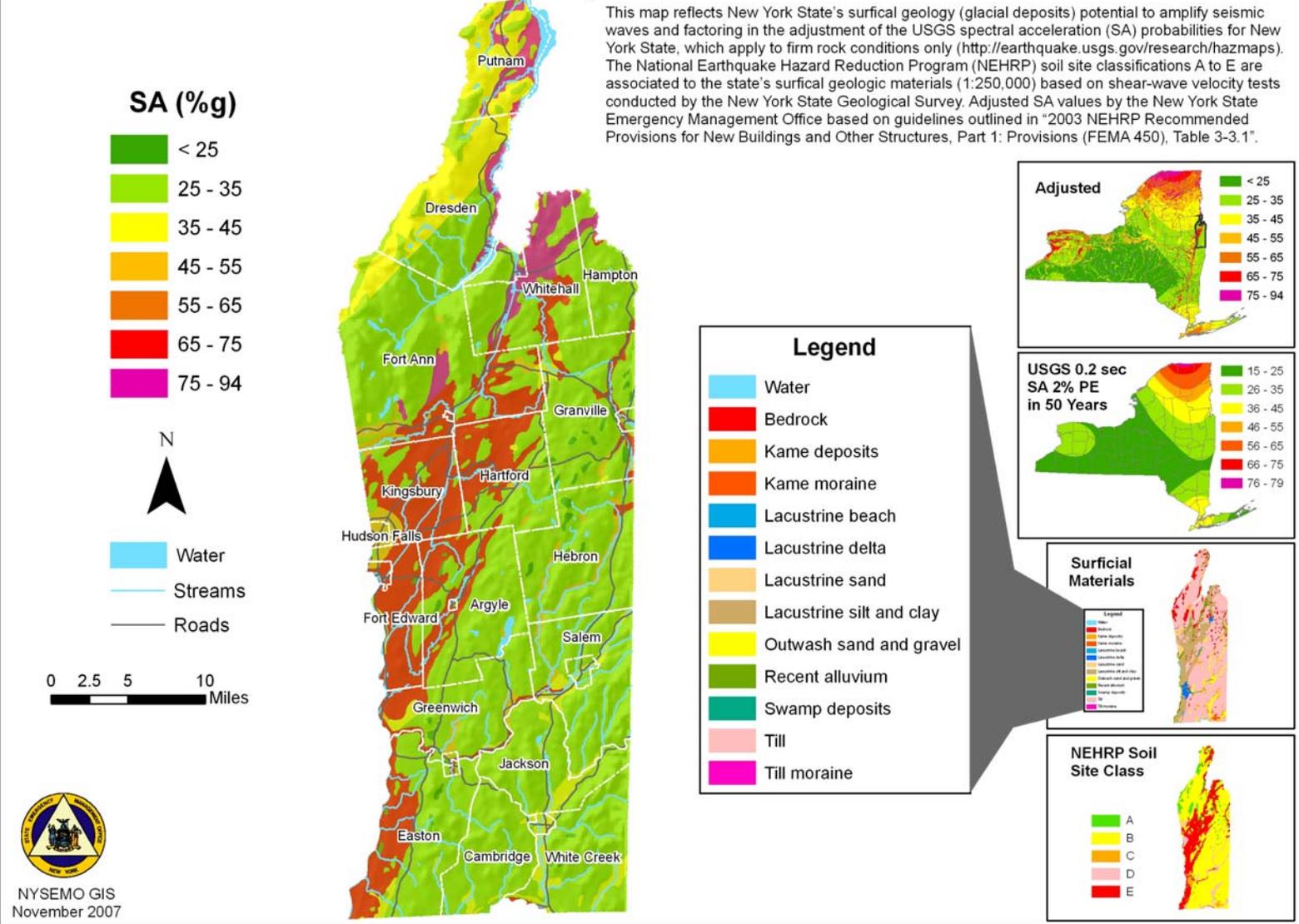


Figure 3-188

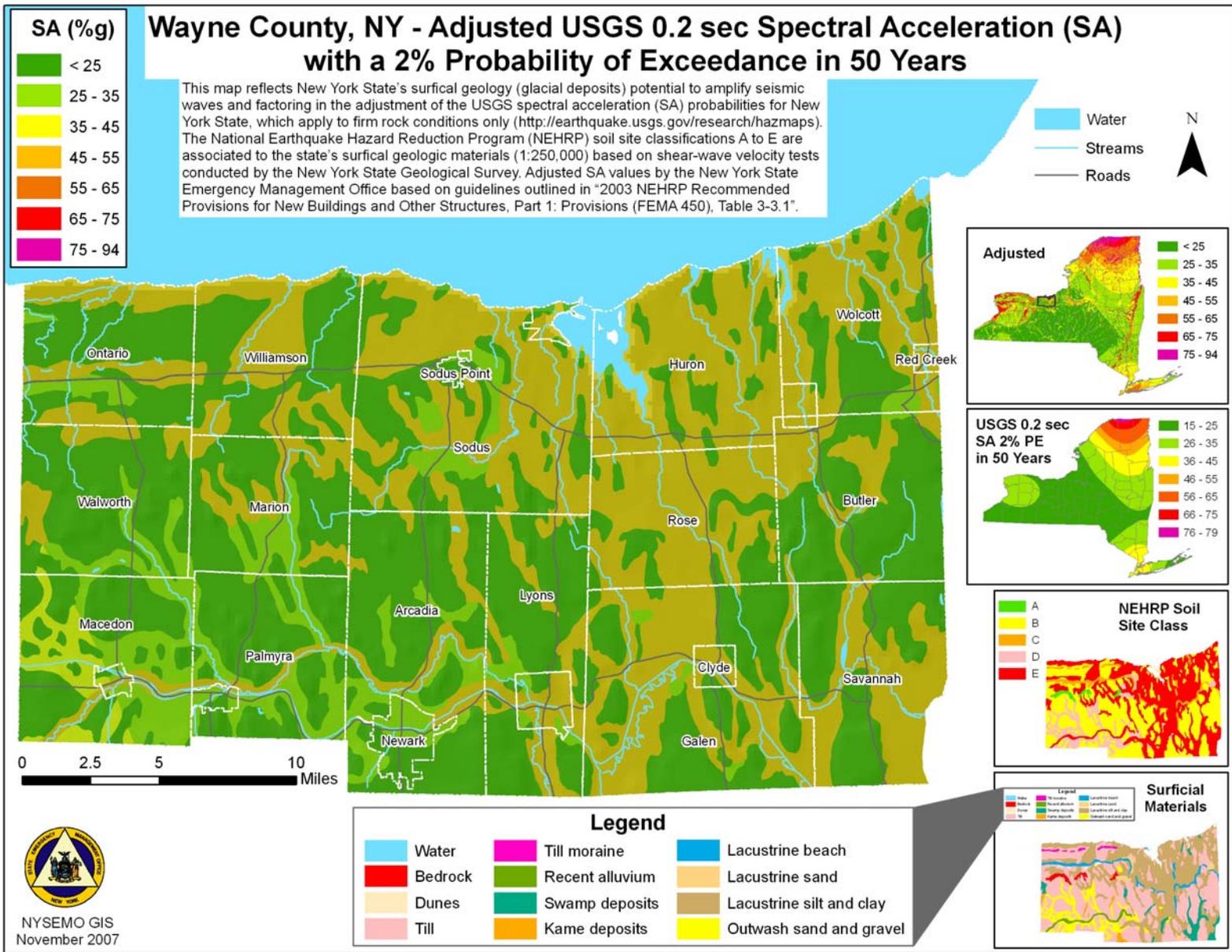


Figure 3-189

Westchester County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

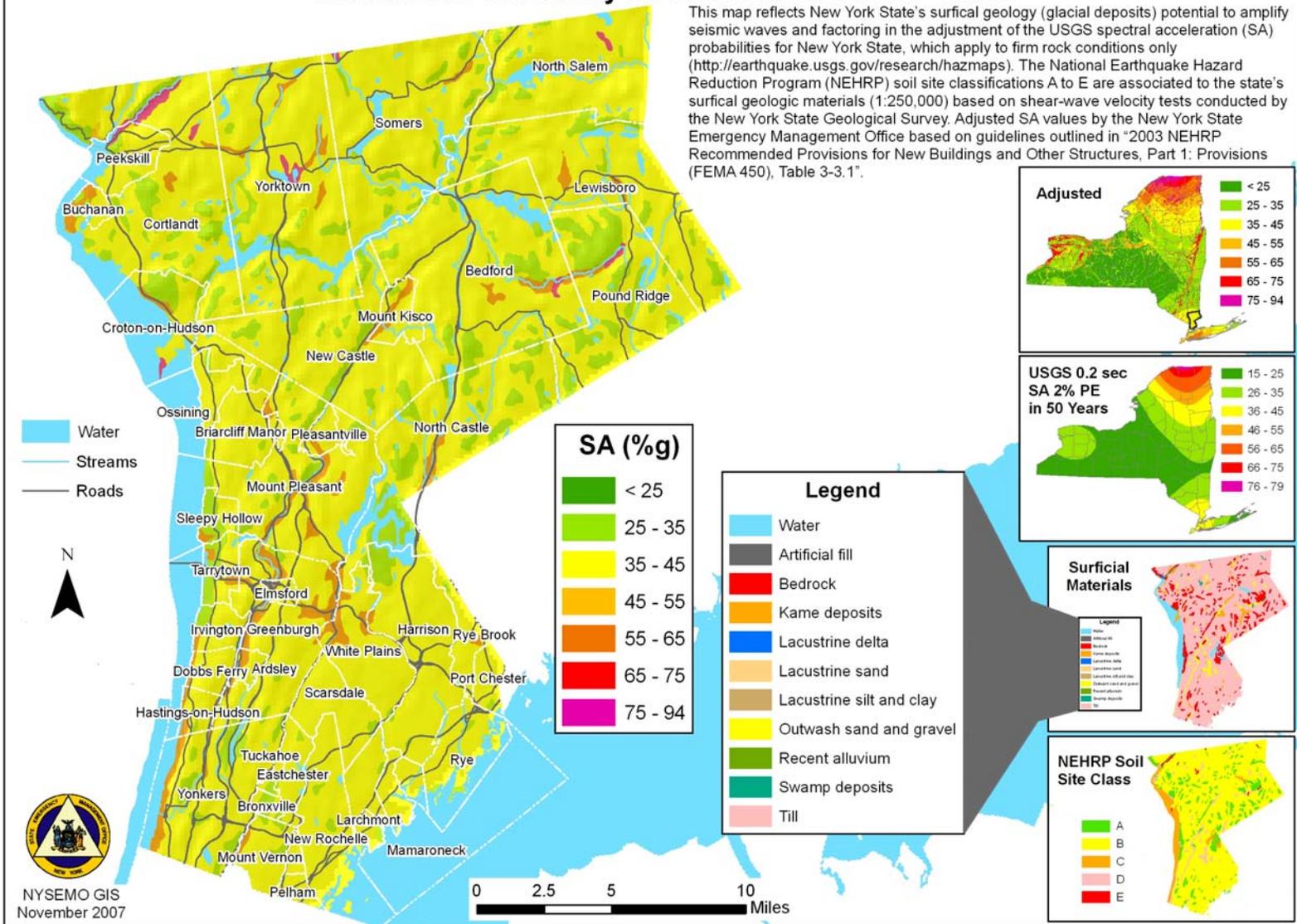


Figure 3-190

Wyoming County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years



NYSEMO GIS
November 2007

0 2.5 5 10 Miles

- Water
- Streams
- Roads

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

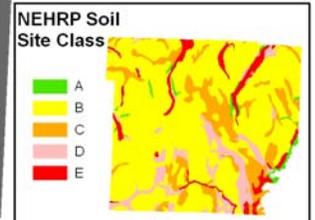
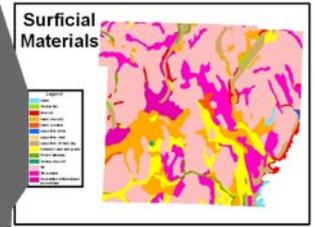
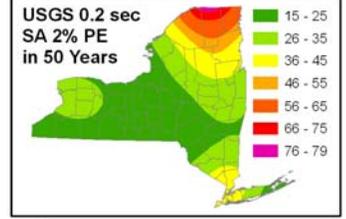
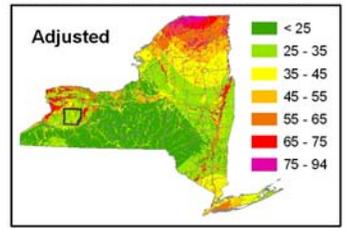
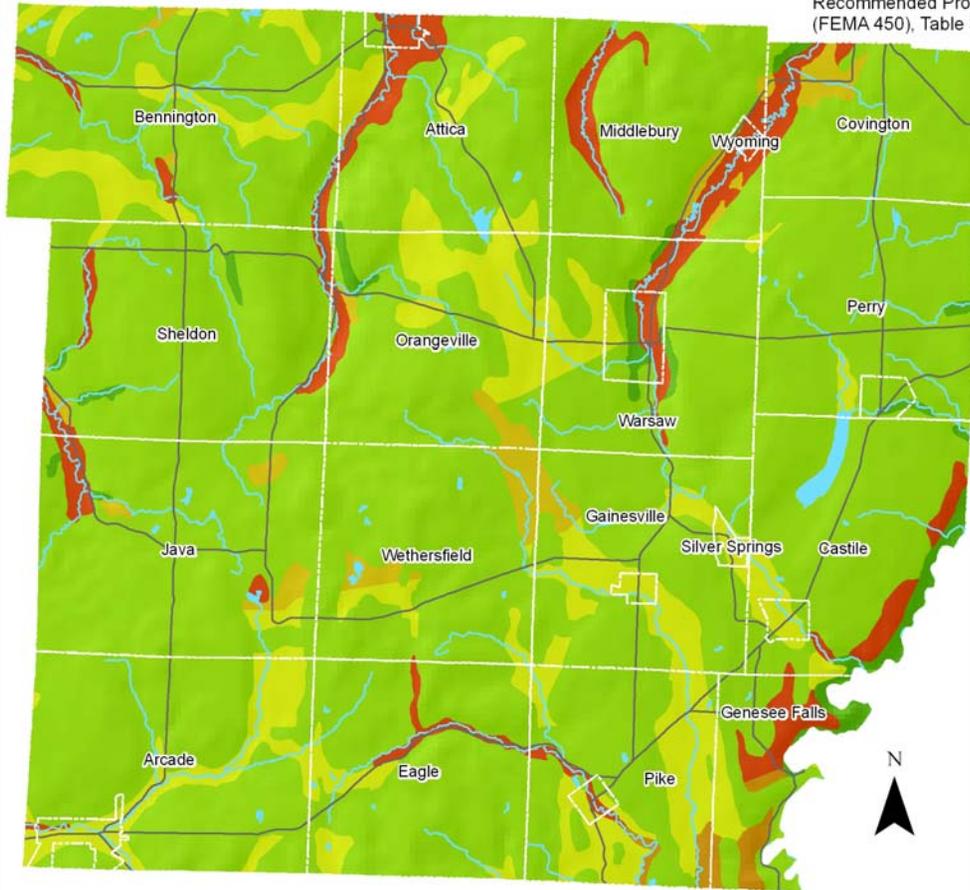
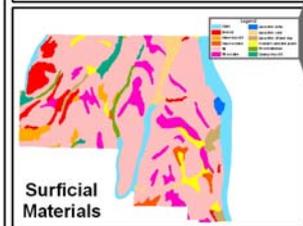
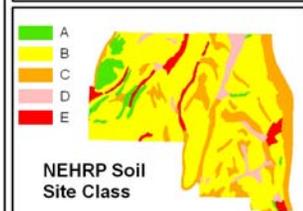
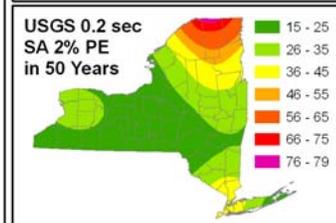
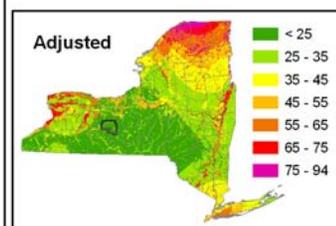


Figure 3-191

Yates County, NY - Adjusted USGS 0.2 sec Spectral Acceleration (SA) with a 2% Probability of Exceedance in 50 Years

This map reflects New York State's surficial geology (glacial deposits) potential to amplify seismic waves and factoring in the adjustment of the USGS spectral acceleration (SA) probabilities for New York State, which apply to firm rock conditions only (<http://earthquake.usgs.gov/research/hazmaps>). The National Earthquake Hazard Reduction Program (NEHRP) soil site classifications A to E are associated to the state's surficial geologic materials (1:250,000) based on shear-wave velocity tests conducted by the New York State Geological Survey. Adjusted SA values by the New York State Emergency Management Office based on guidelines outlined in "2003 NEHRP Recommended Provisions for New Buildings and Other Structures, Part 1: Provisions (FEMA 450), Table 3-3.1".

0 2.5 5 10 Miles



SA (%g)



Legend



NYSEMO GIS
November 2007

