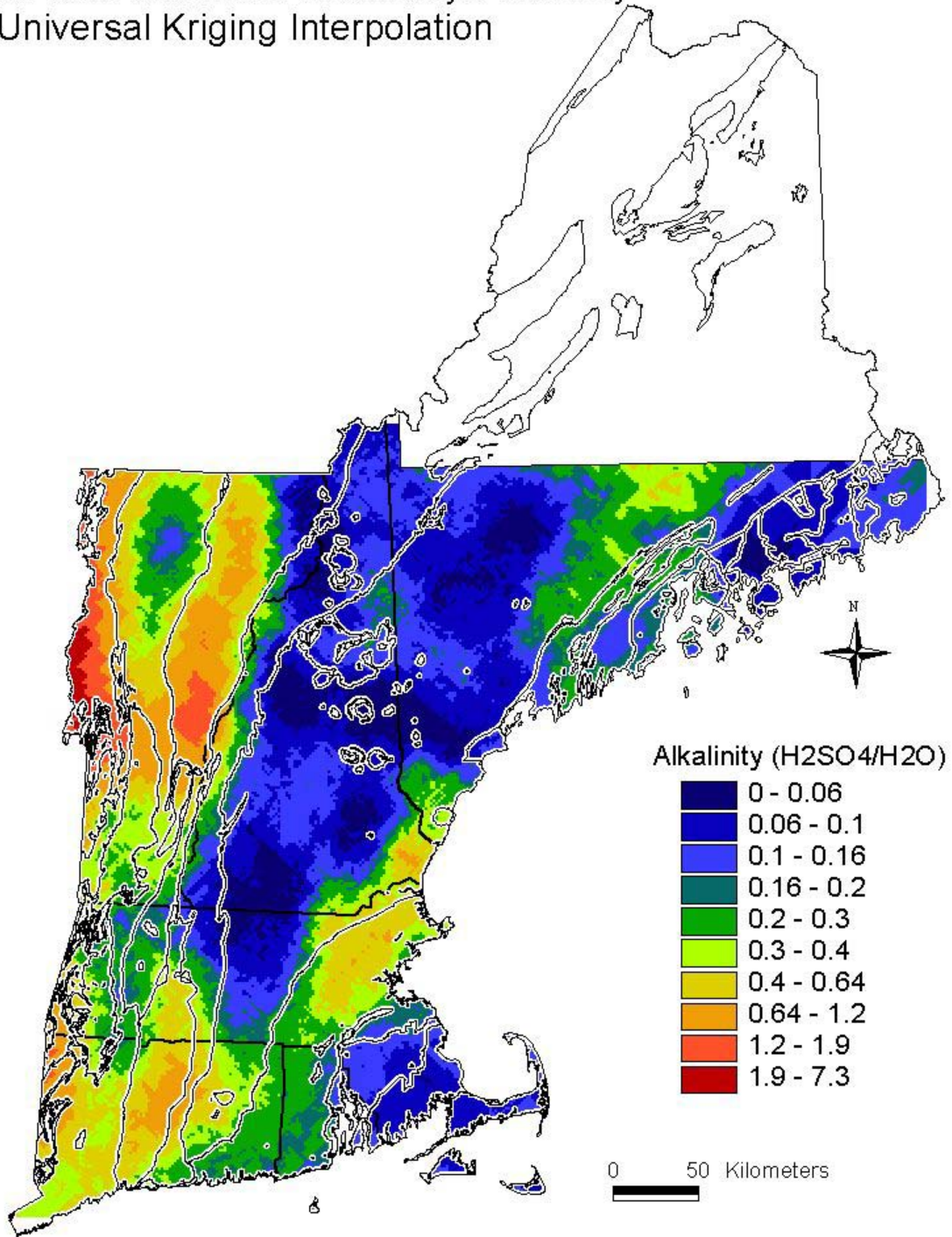


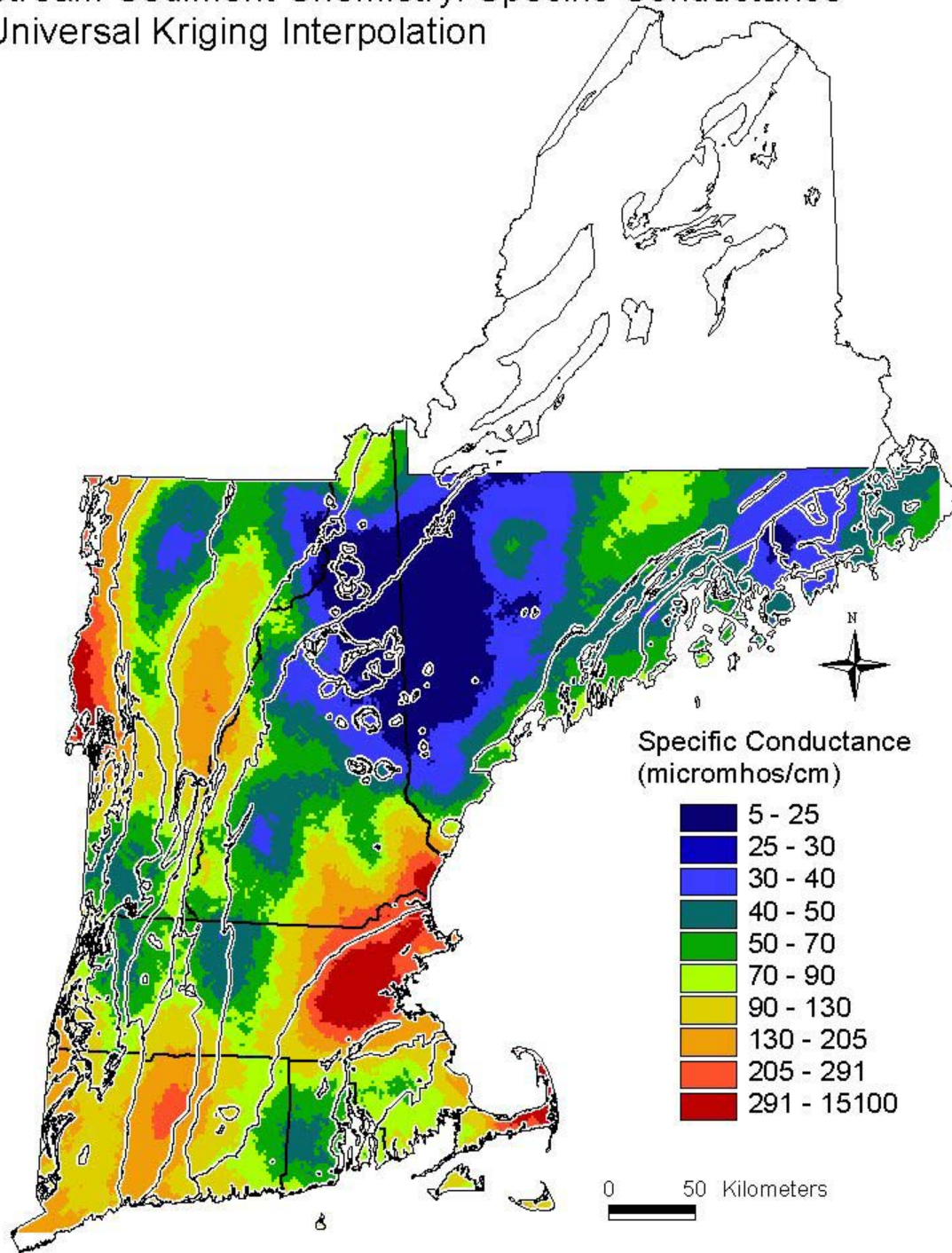
## **NURE Water Chemistry Figures** *(Alkalinity, Specific Conductance, pH)*

- Water sample chemistry (general) with province overlay
  - Universal Kriging Interpolation...pp. 2-4
  - Multifractal IDW Interpolation...pp. 5-7
- Interpolation Uncertainty
  - Universal Kriging Interpolation...pp. 8-10
  - Multifractal IDW Interpolation...pp. 11-13
- Box-plots by geologic province...pp. 14-15
- Water sample chemistry by bedrock lithology...pp. 16-18
- Box-plots by lithology...pp. 19-20
- Water sample chemistry by hydrologic basin...pp. 21-23
- Water sample chemistry by population density...pp. 24-26
- Box-plots by population density...pp. 27-28

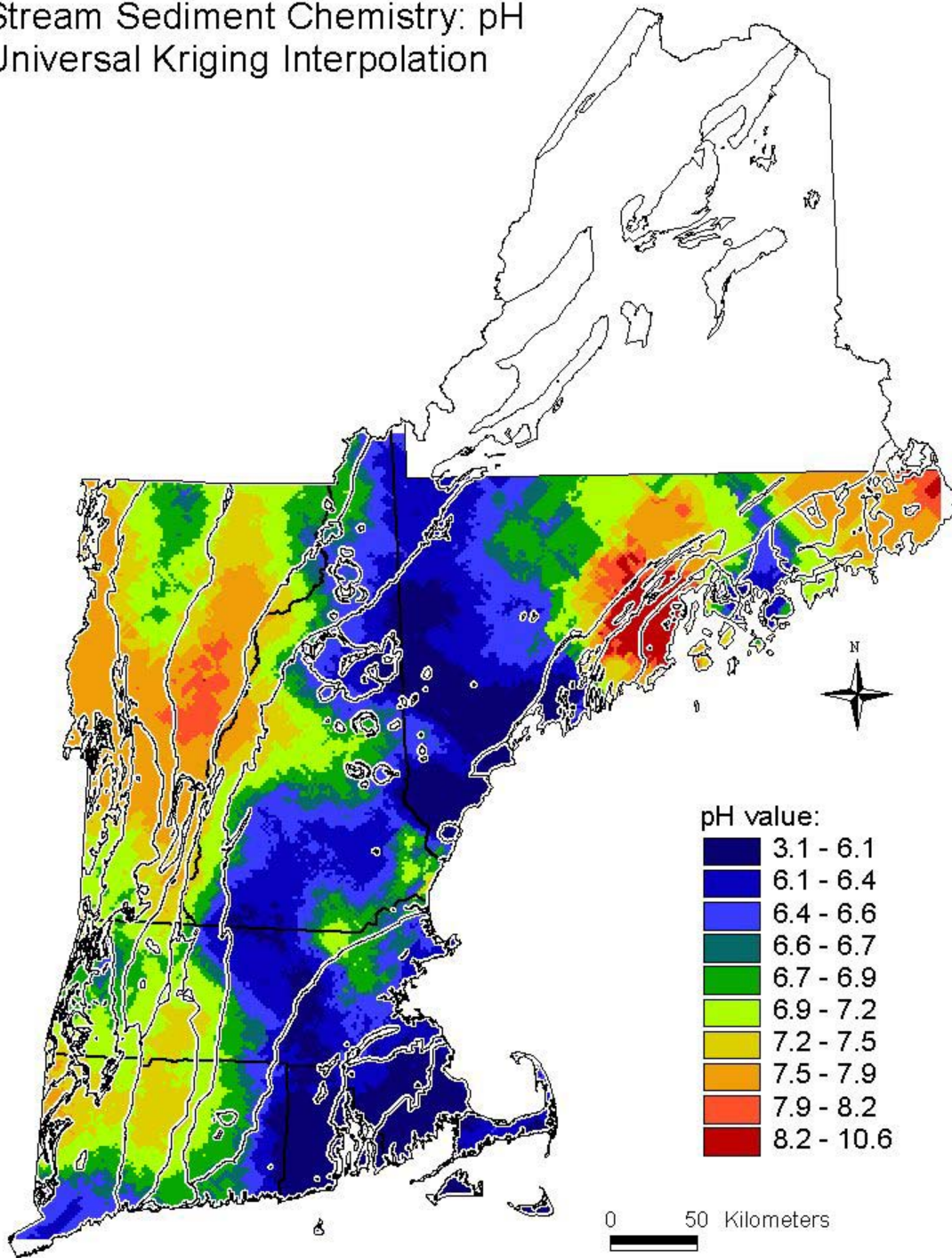
Stream Sediment Chemistry: Alkalinity  
Universal Kriging Interpolation



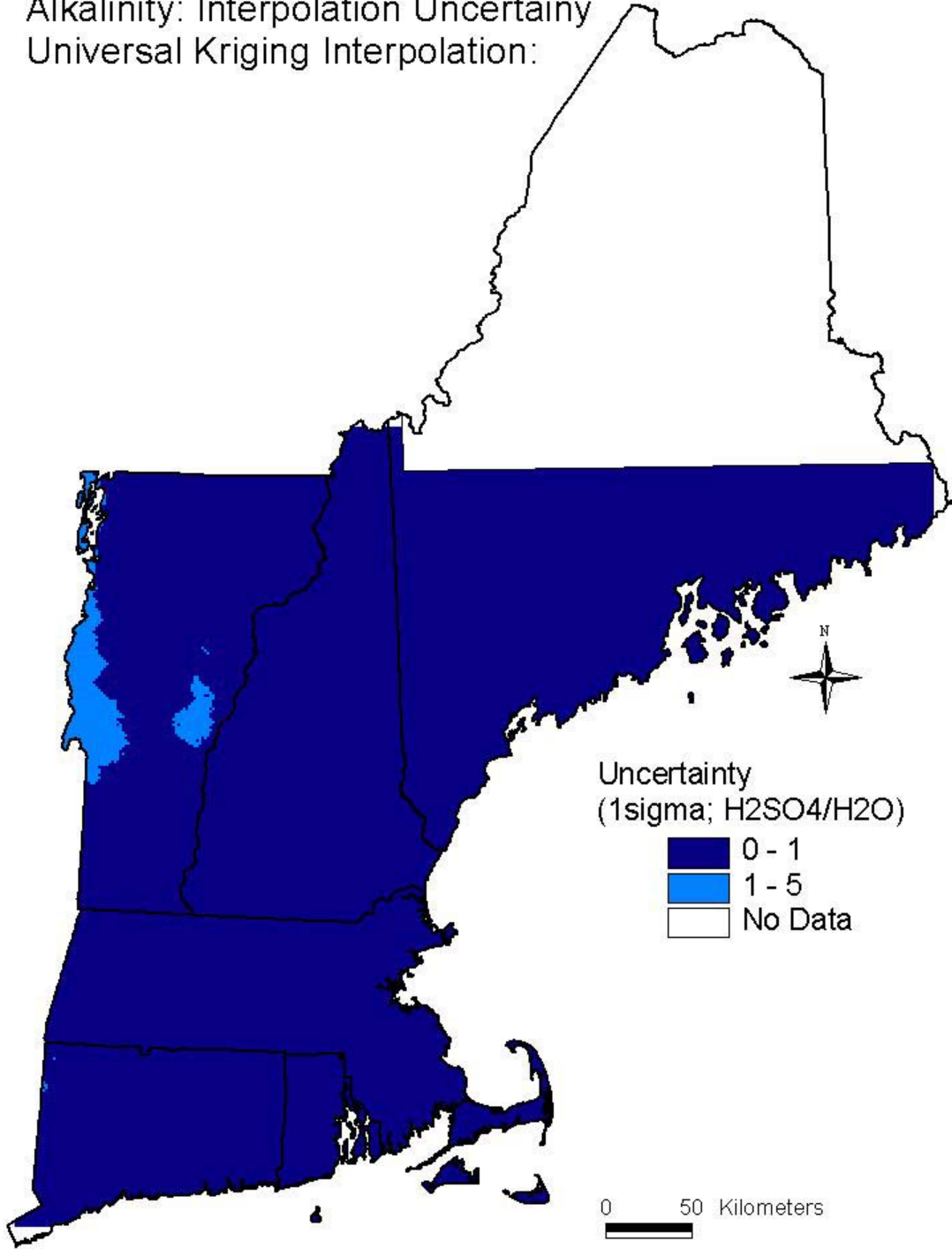
# Stream Sediment Chemistry: Specific Conductance Universal Kriging Interpolation



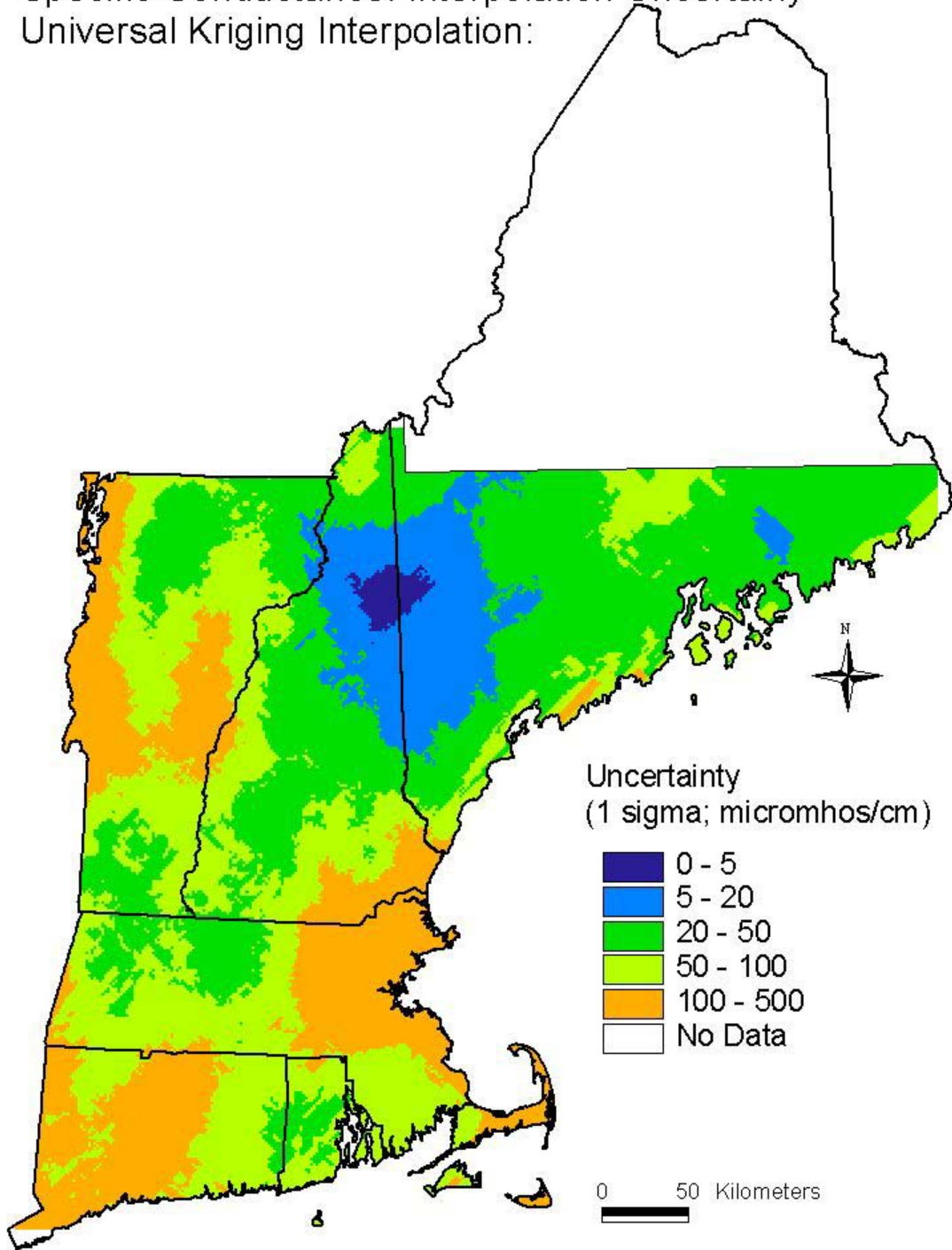
# Stream Sediment Chemistry: pH Universal Kriging Interpolation



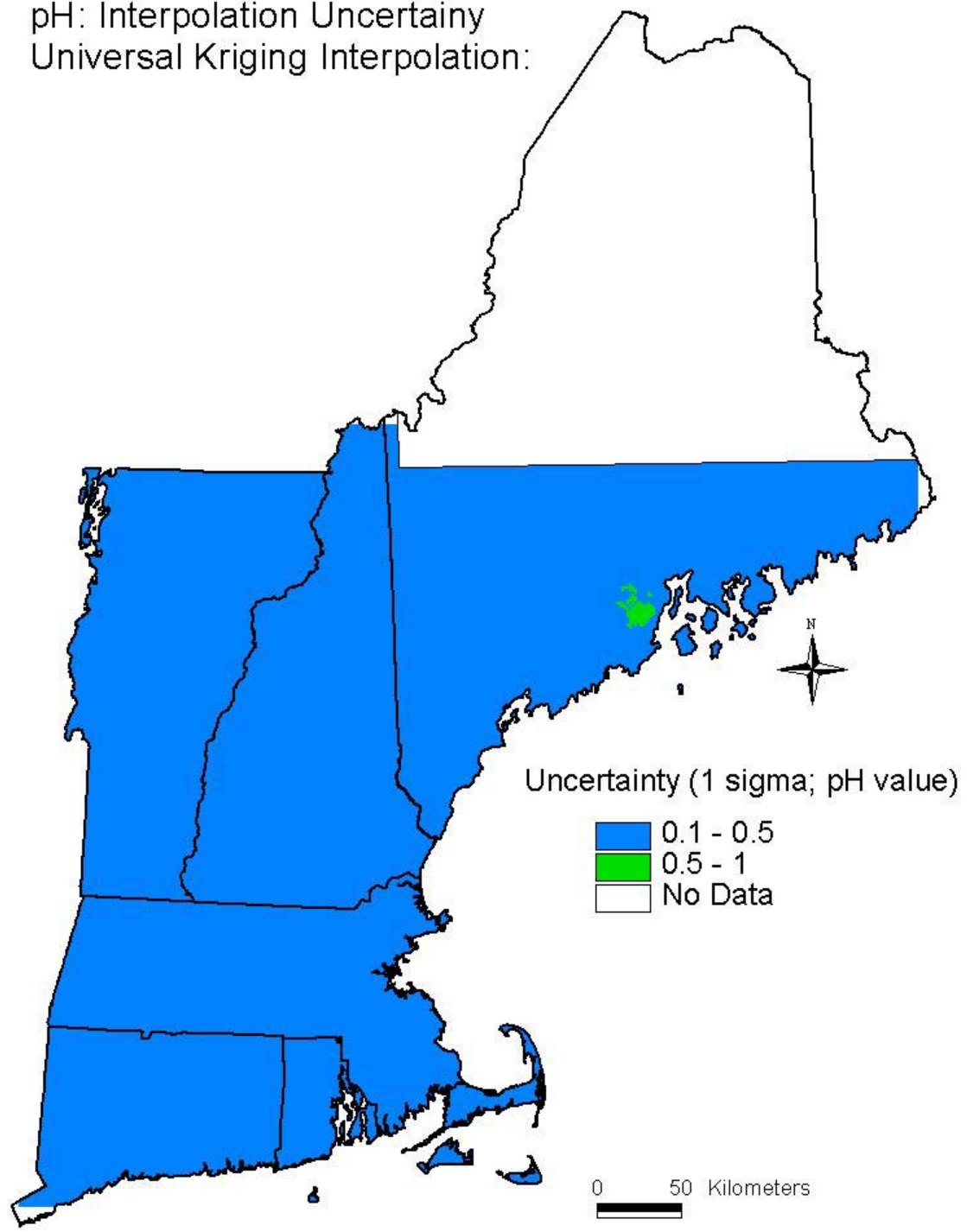
Alkalinity: Interpolation Uncertainty  
Universal Kriging Interpolation:



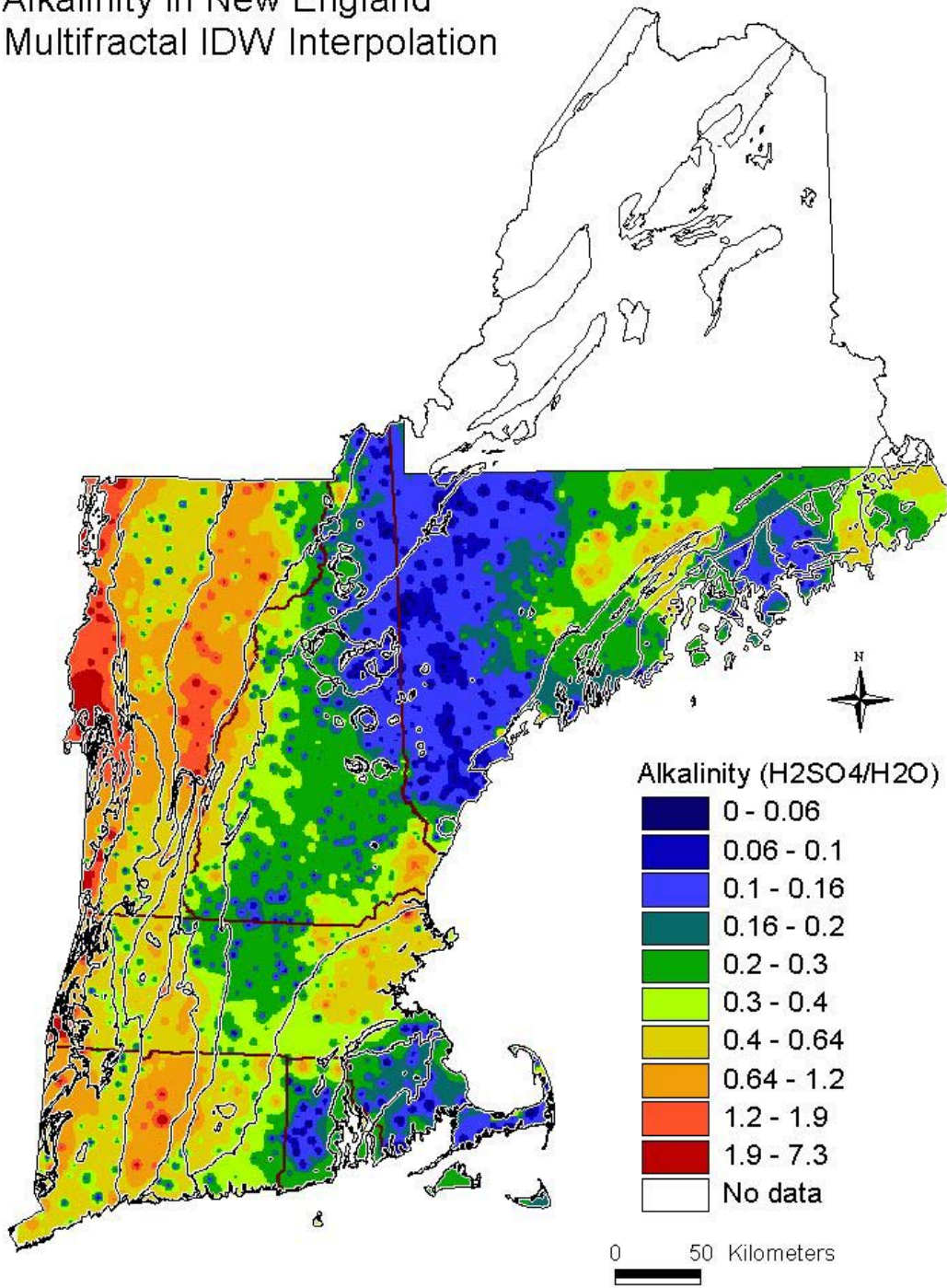
Specific Conductance: Interpolation Uncertainty  
Universal Kriging Interpolation:



pH: Interpolation Uncertainty  
Universal Kriging Interpolation:

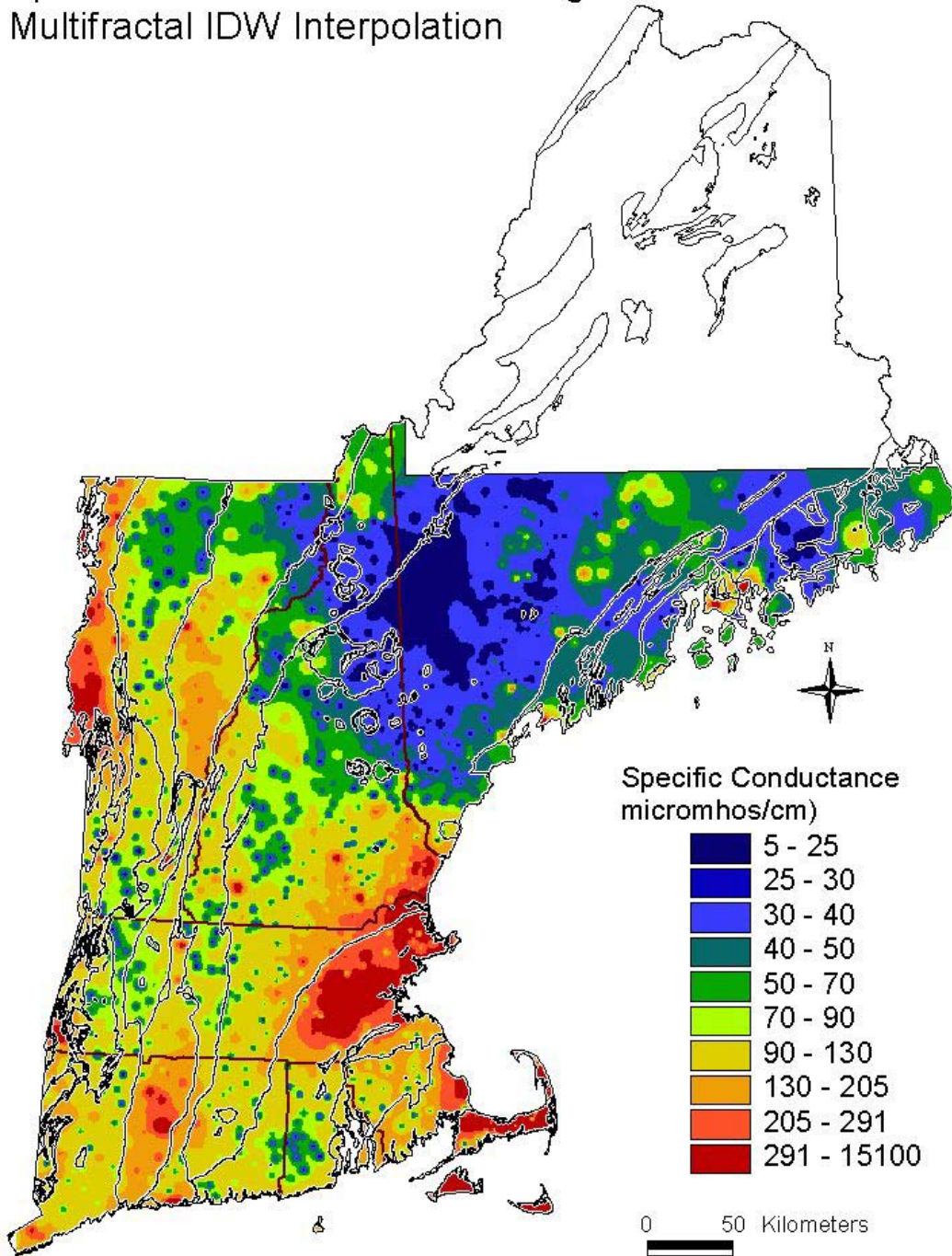


# Alkalinity in New England Multifractal IDW Interpolation

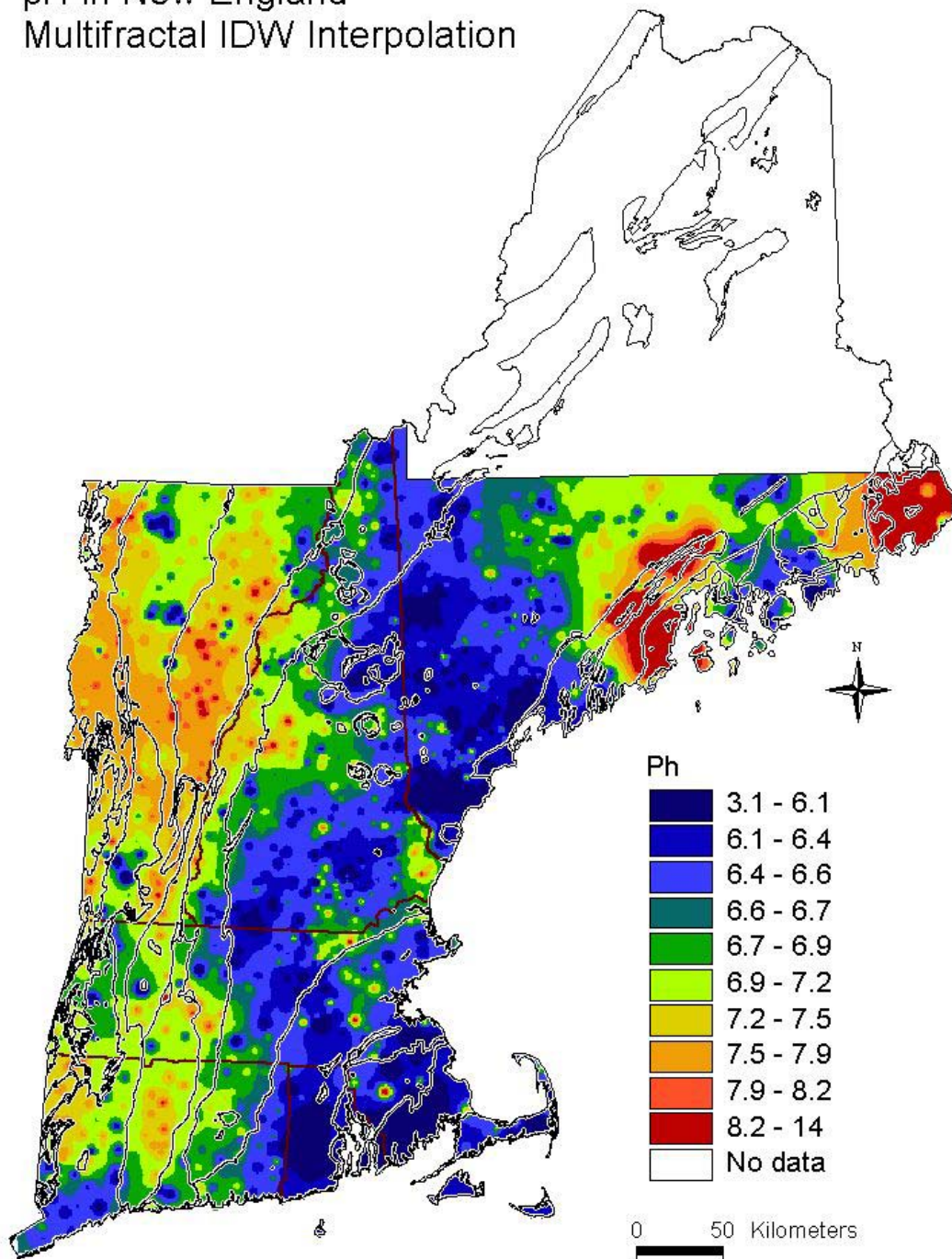




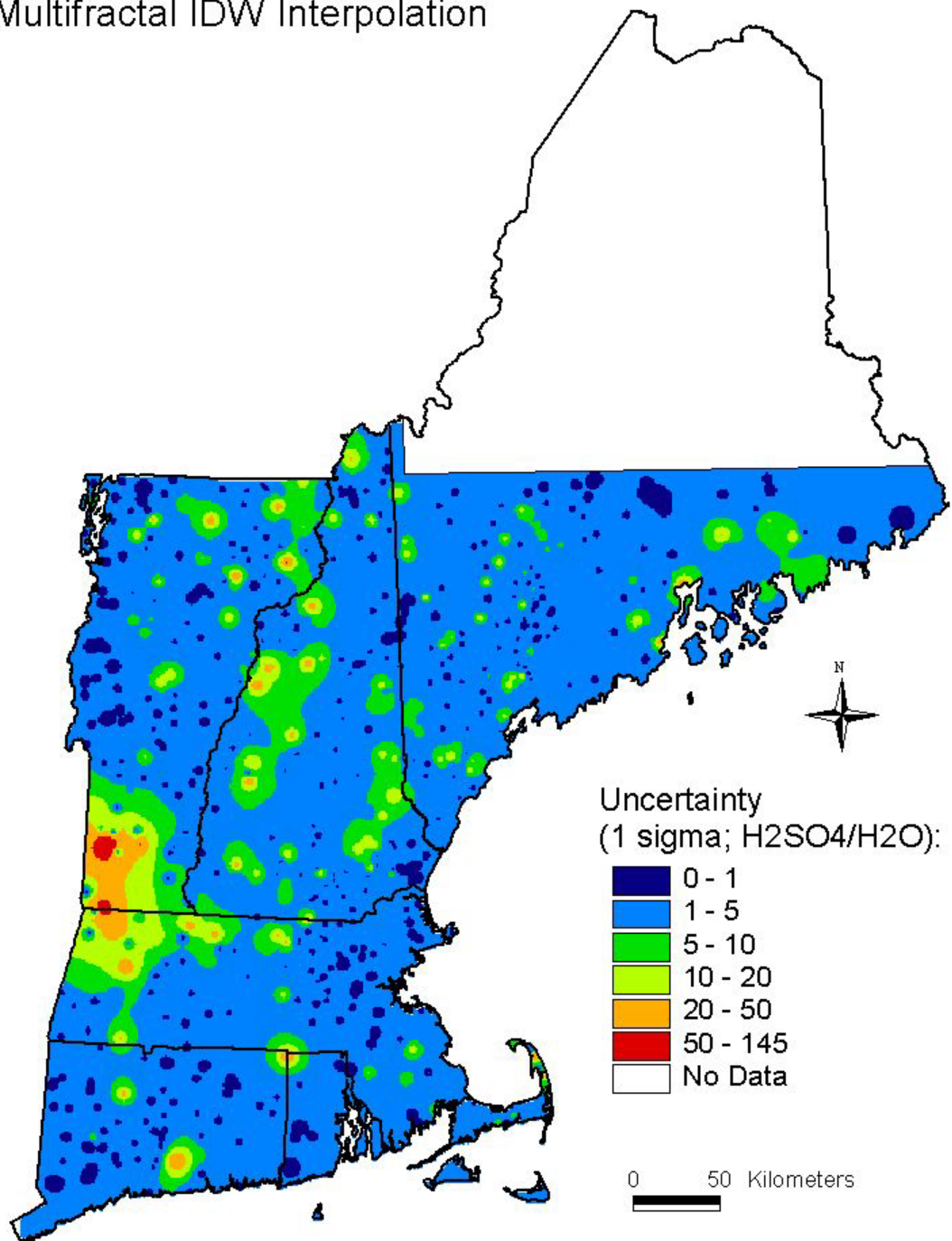
# Specific Conductance in New England Multifractal IDW Interpolation



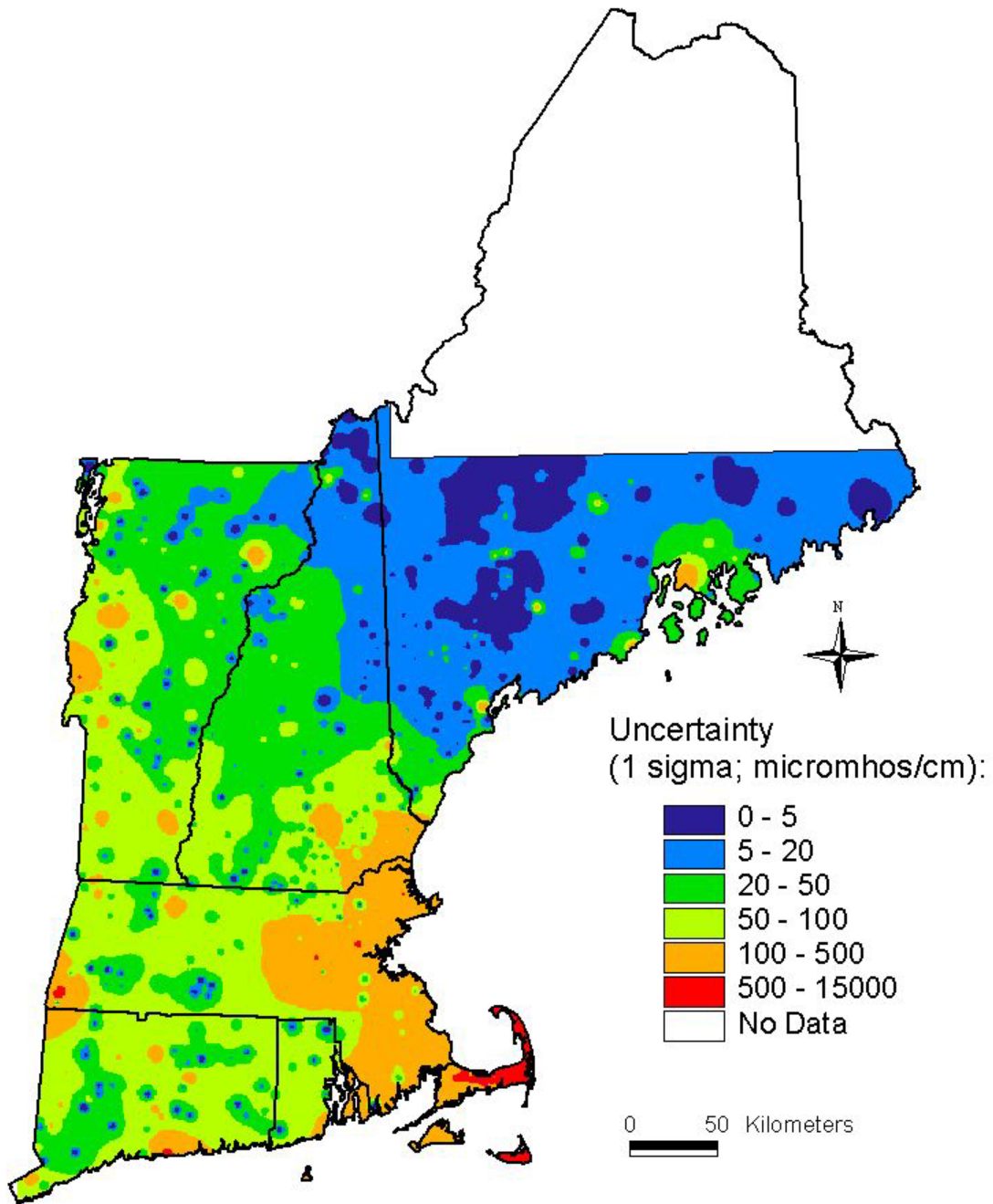
pH in New England  
Multifractal IDW Interpolation



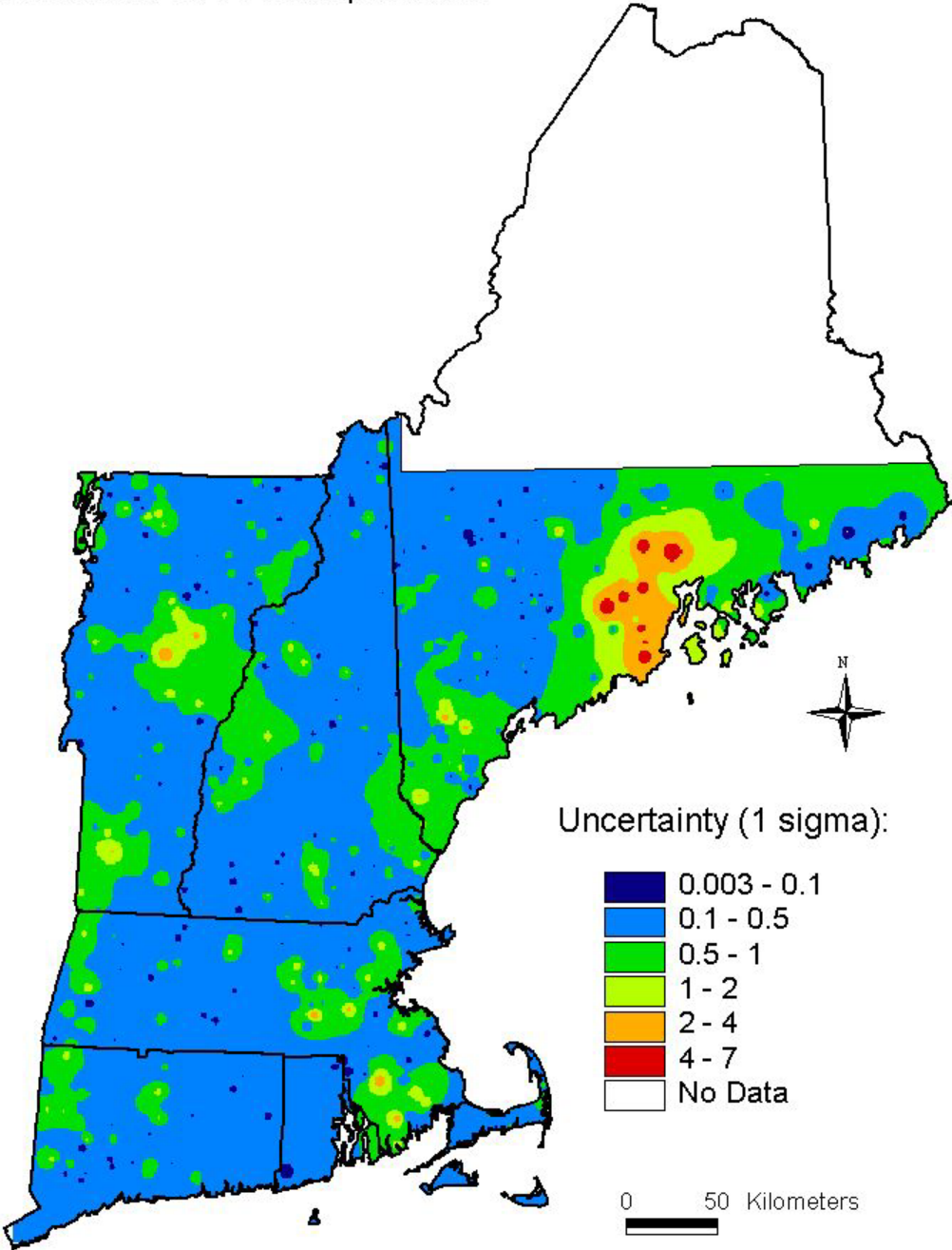
Alkalinity: Interpolation Uncertainty  
Multifractal IDW Interpolation



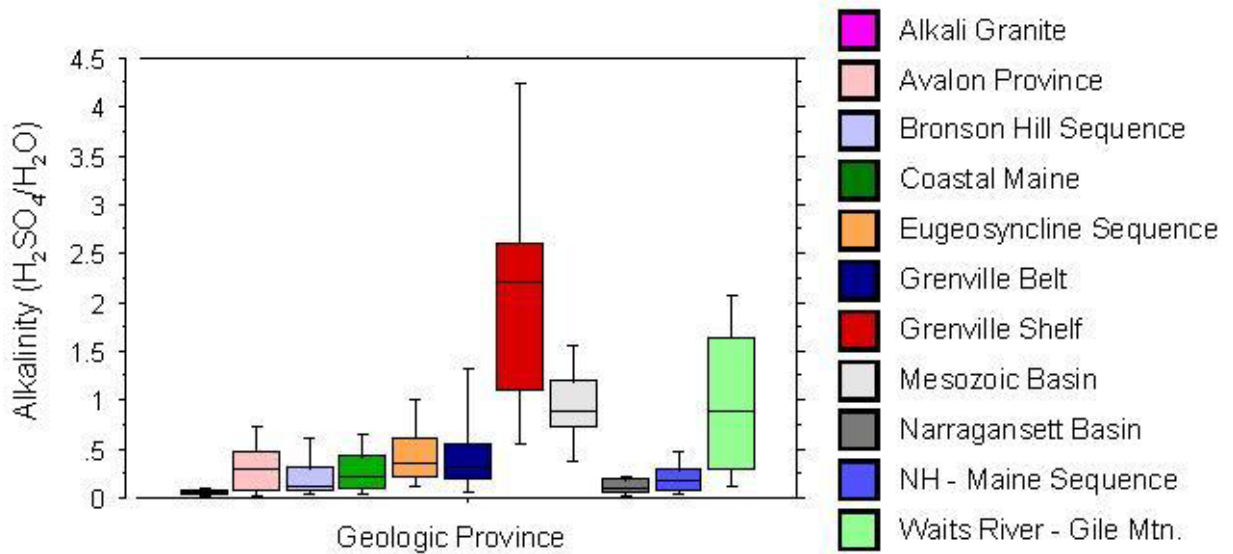
Specific Conductance: Interpolation Uncertainty  
Multifractal IDW Interpolation



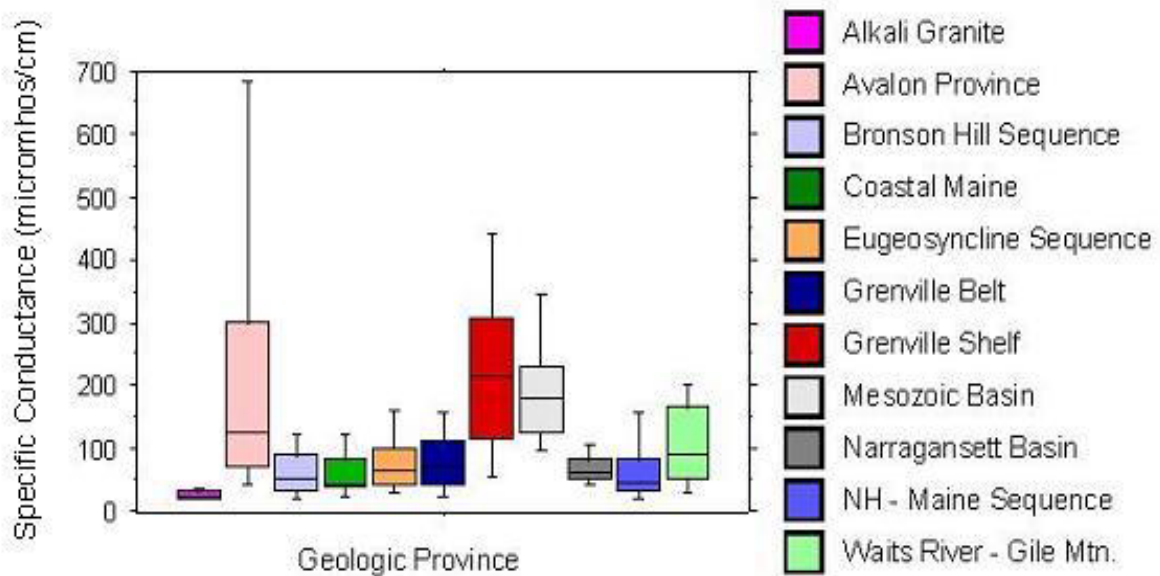
pH: Interpolation Uncertainty  
Multifractal IDW Interpolation



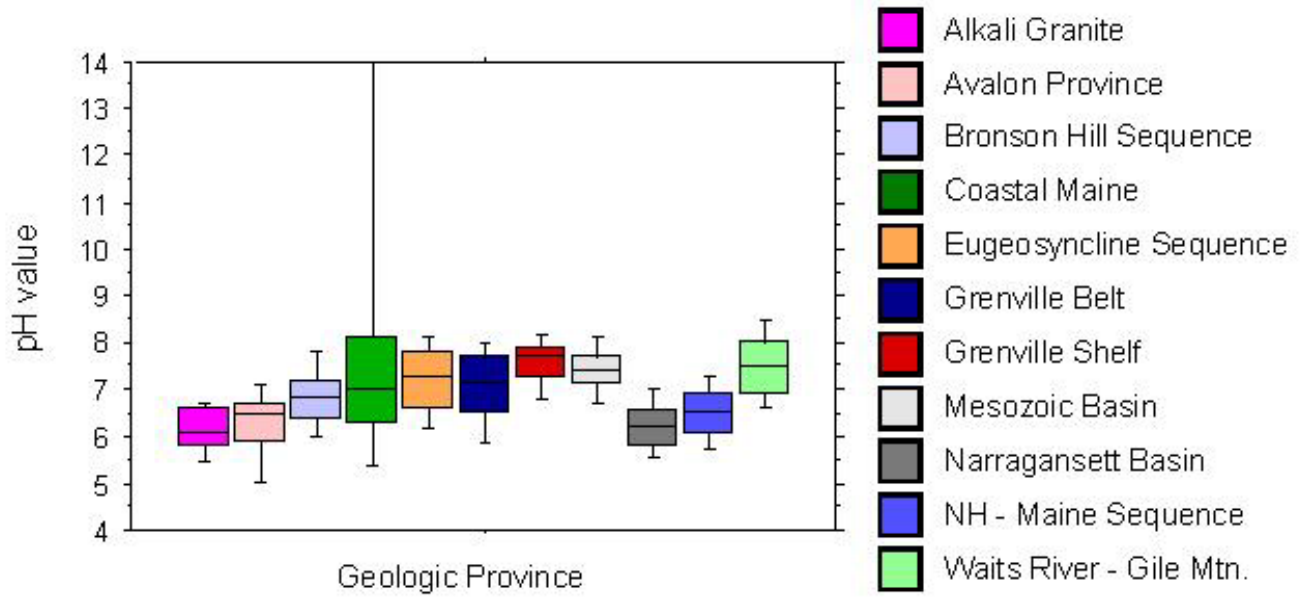
**Values of Alkalinity, by Geologic Province in New England**



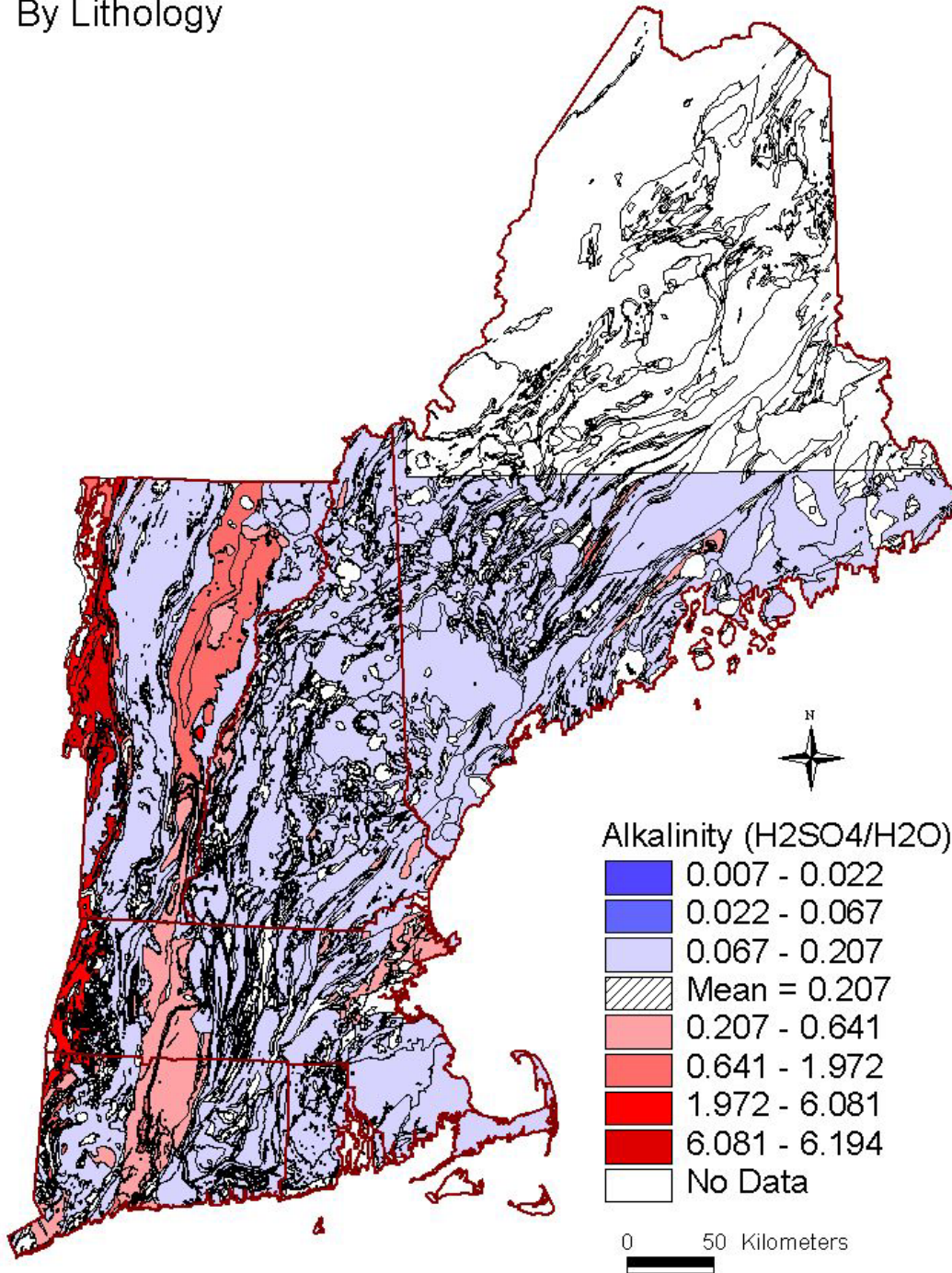
**Values of Specific Conductance, by Geologic Province in New England**



### Values of pH, by Geologic Province in New England

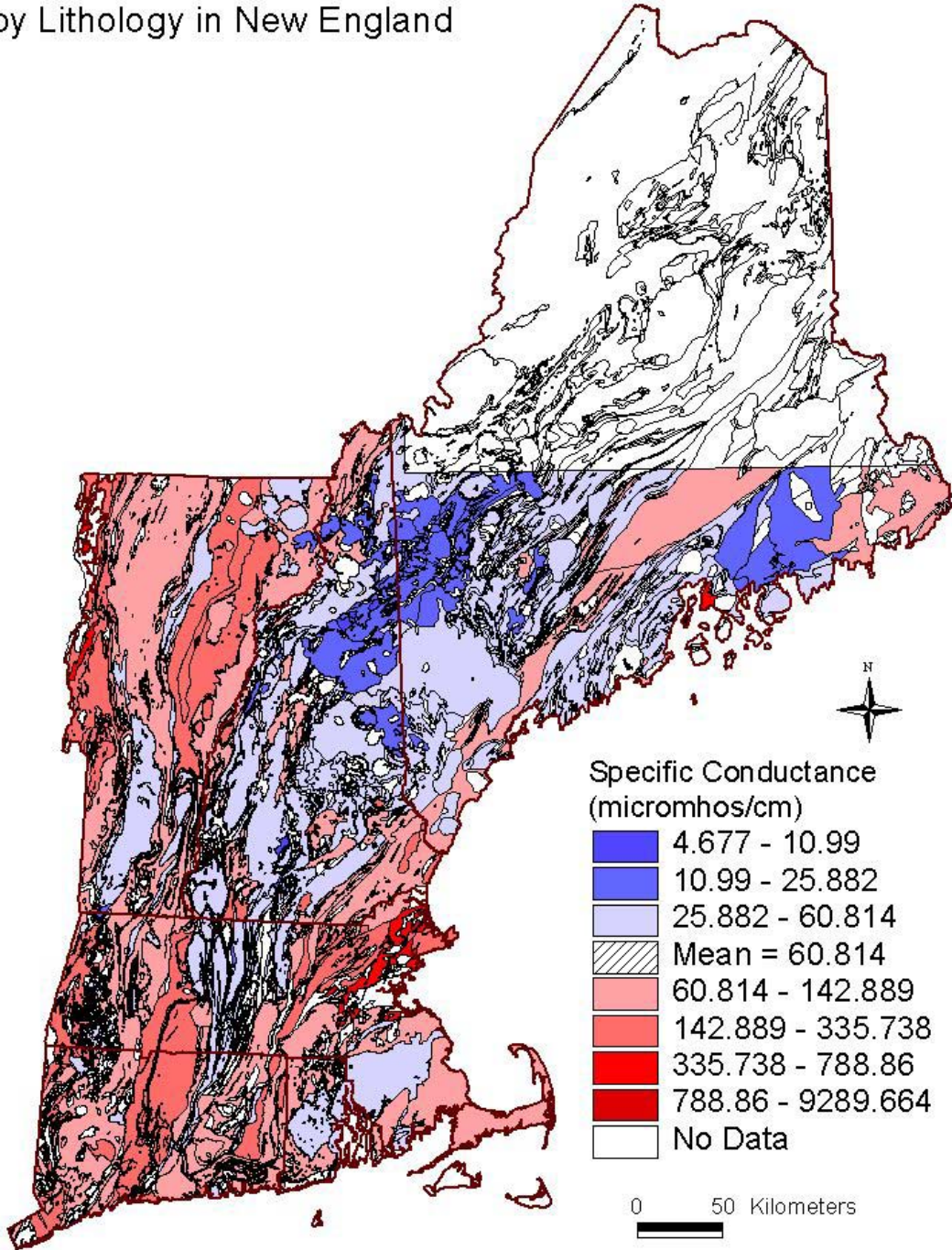


# Median Values of Alkalinity in New England, By Lithology

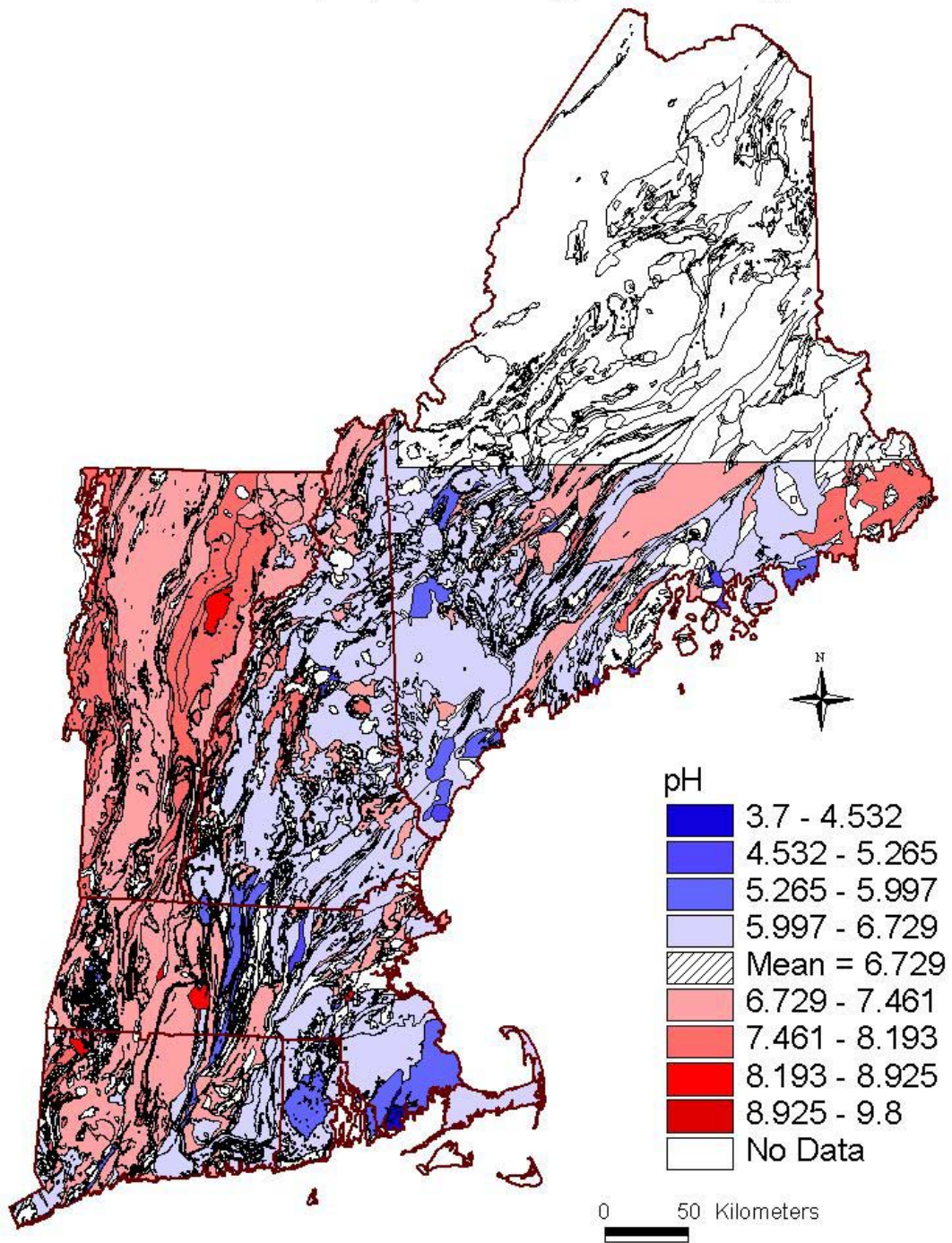




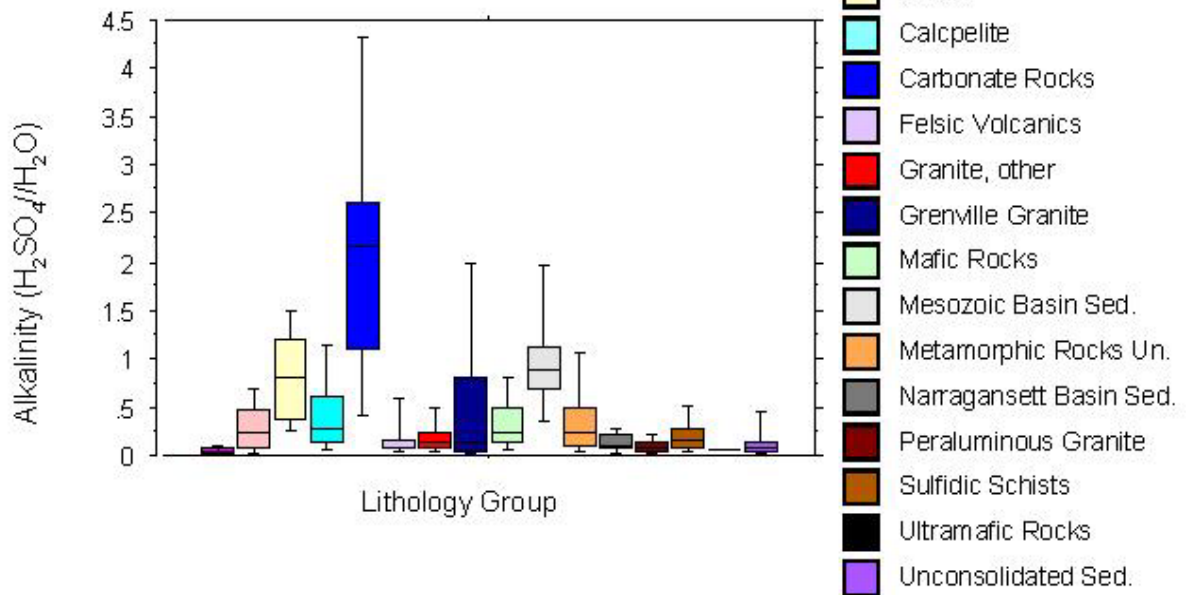
# Median Values of Specific Conductance, by Lithology in New England



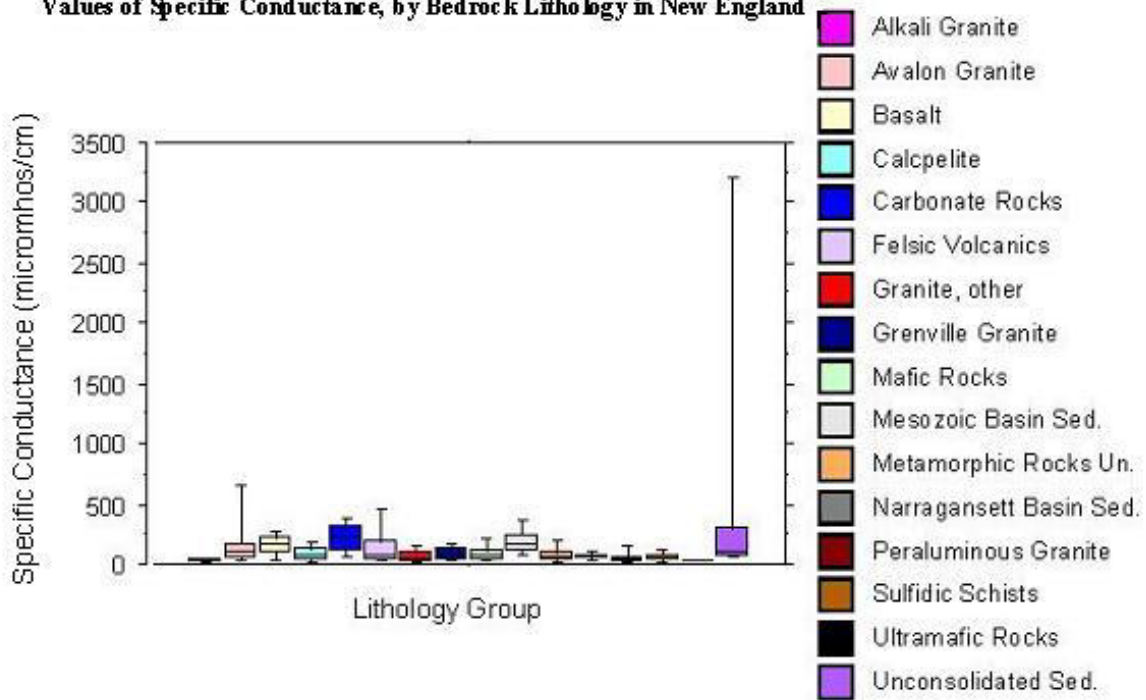
# Median Values of pH, by Lithology in New England



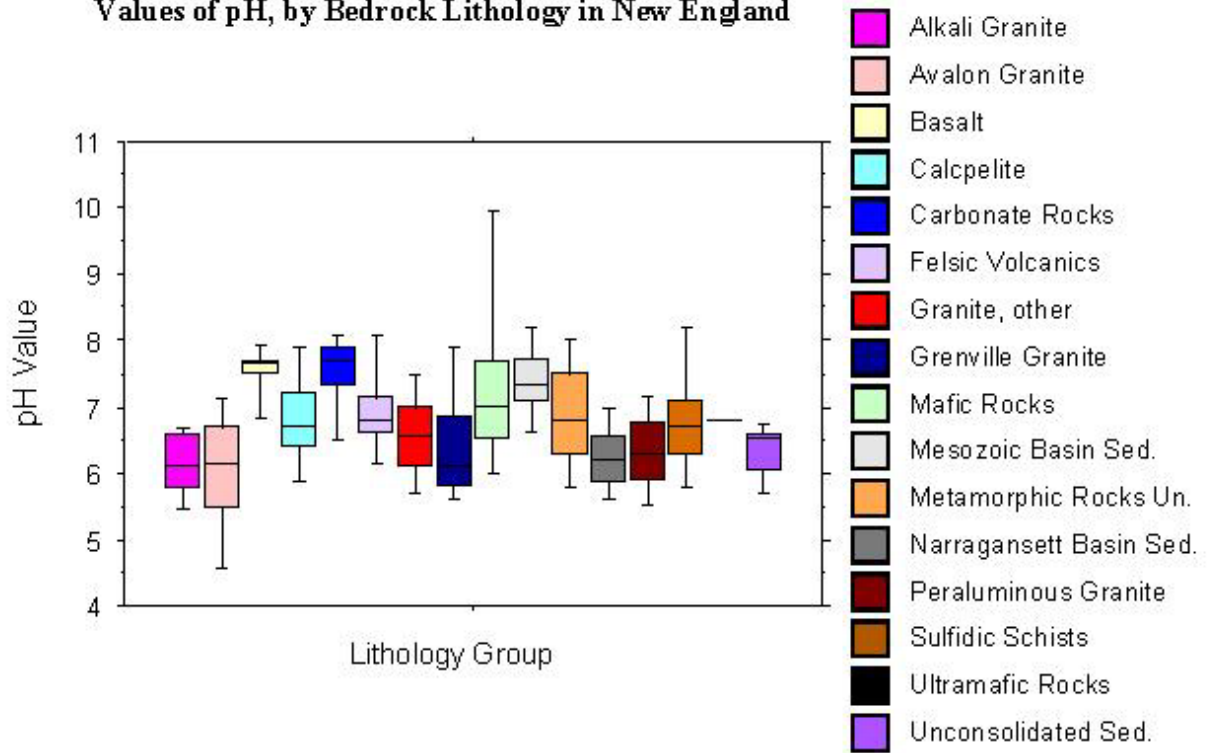
**Values of Alkalinity, by Bedrock Lithology in New England**



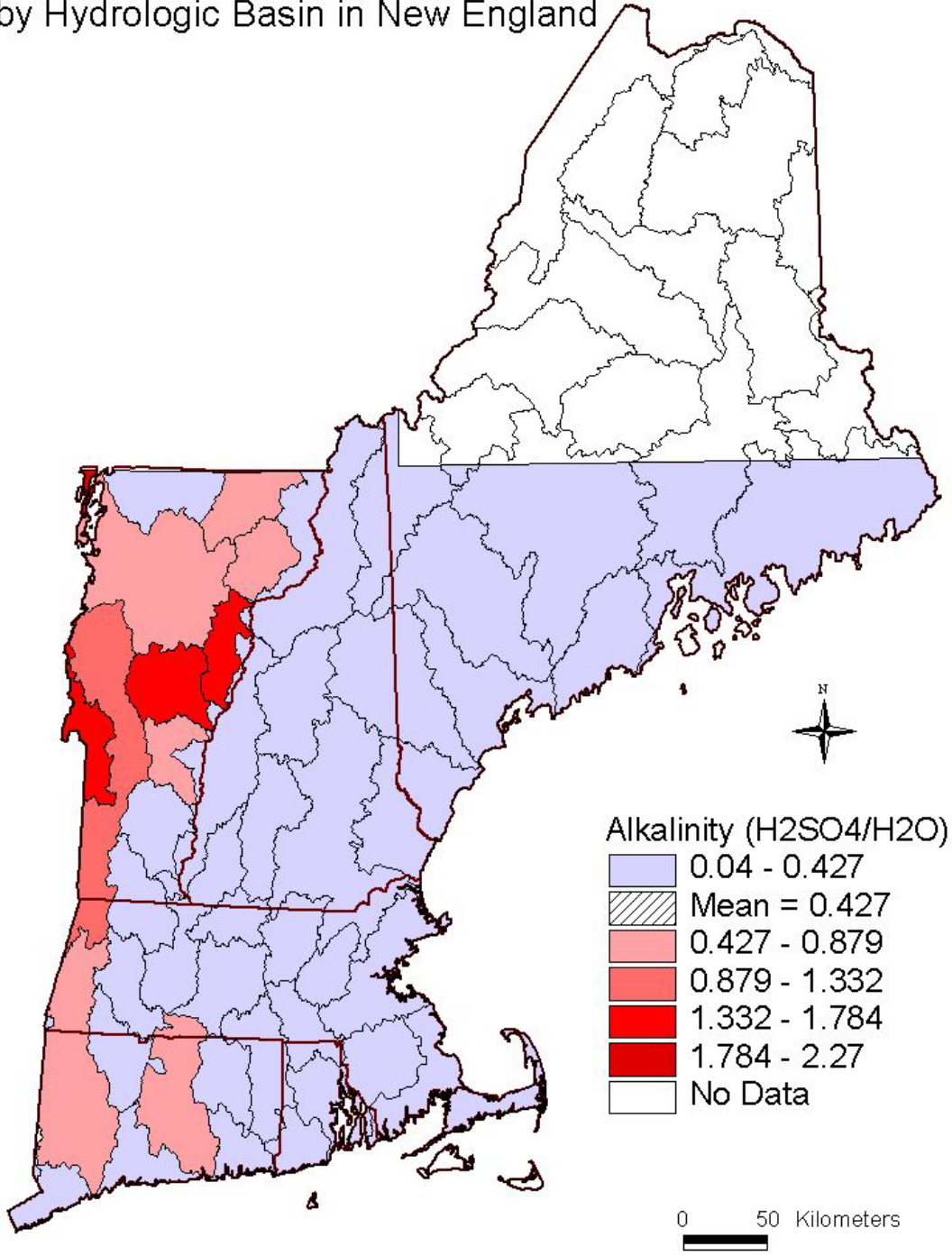
**Values of Specific Conductance, by Bedrock Lithology in New England**



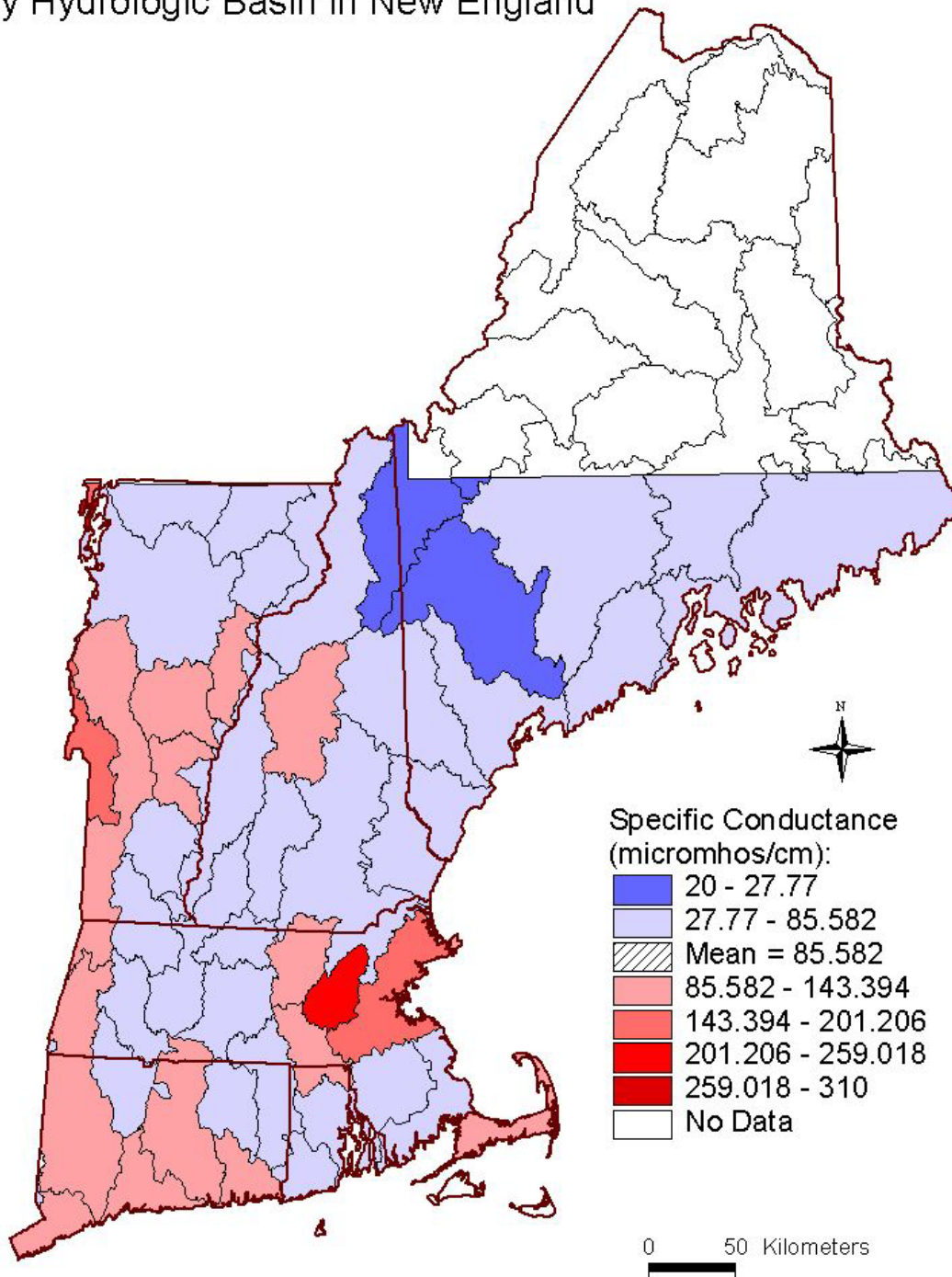
**Values of pH, by Bedrock Lithology in New England**



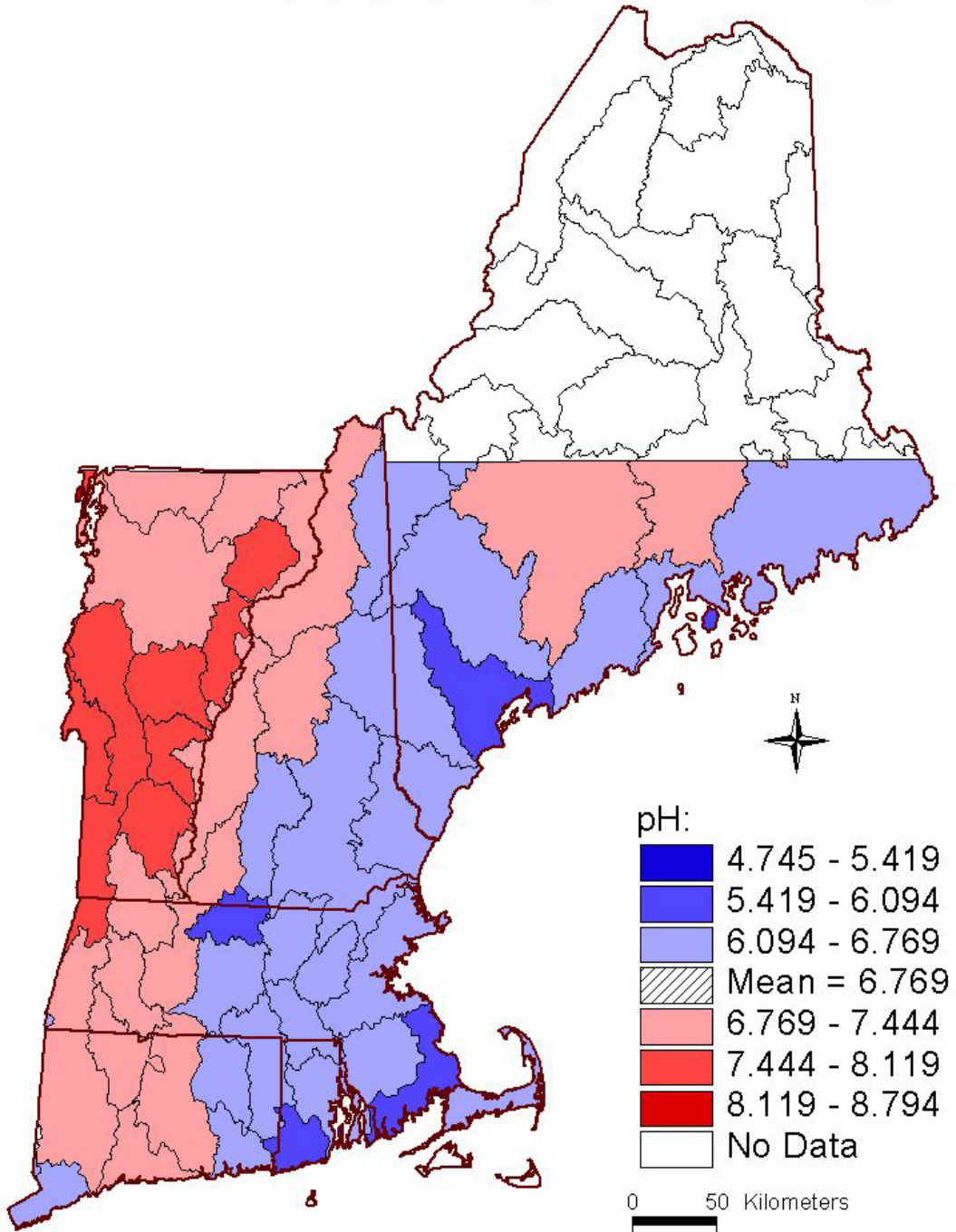
Median Values of Alkalinity,  
by Hydrologic Basin in New England



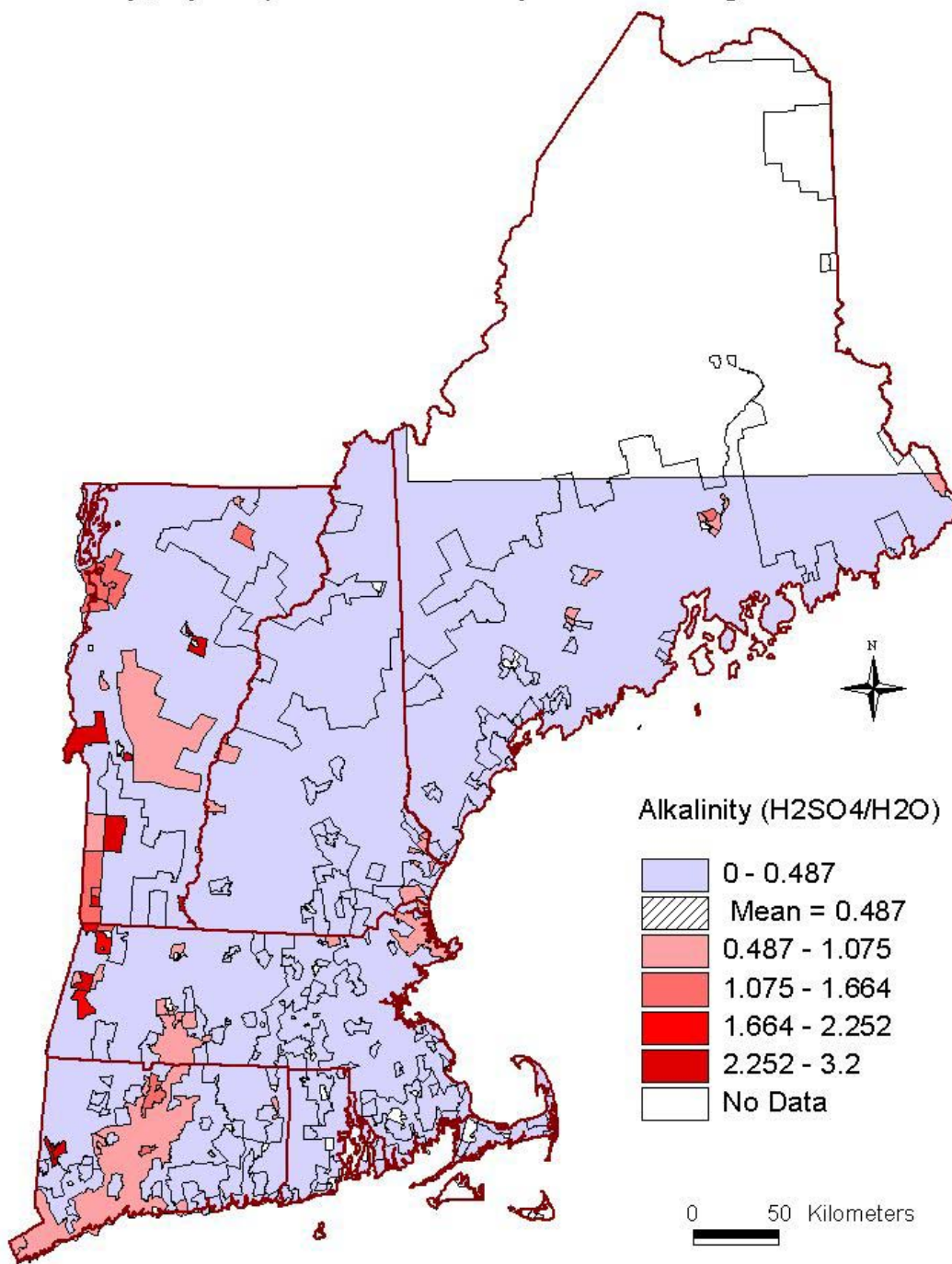
# Median Values of Specific Conductance, by Hydrologic Basin in New England



# Median Values of pH, by Hydrologic Basin in New England

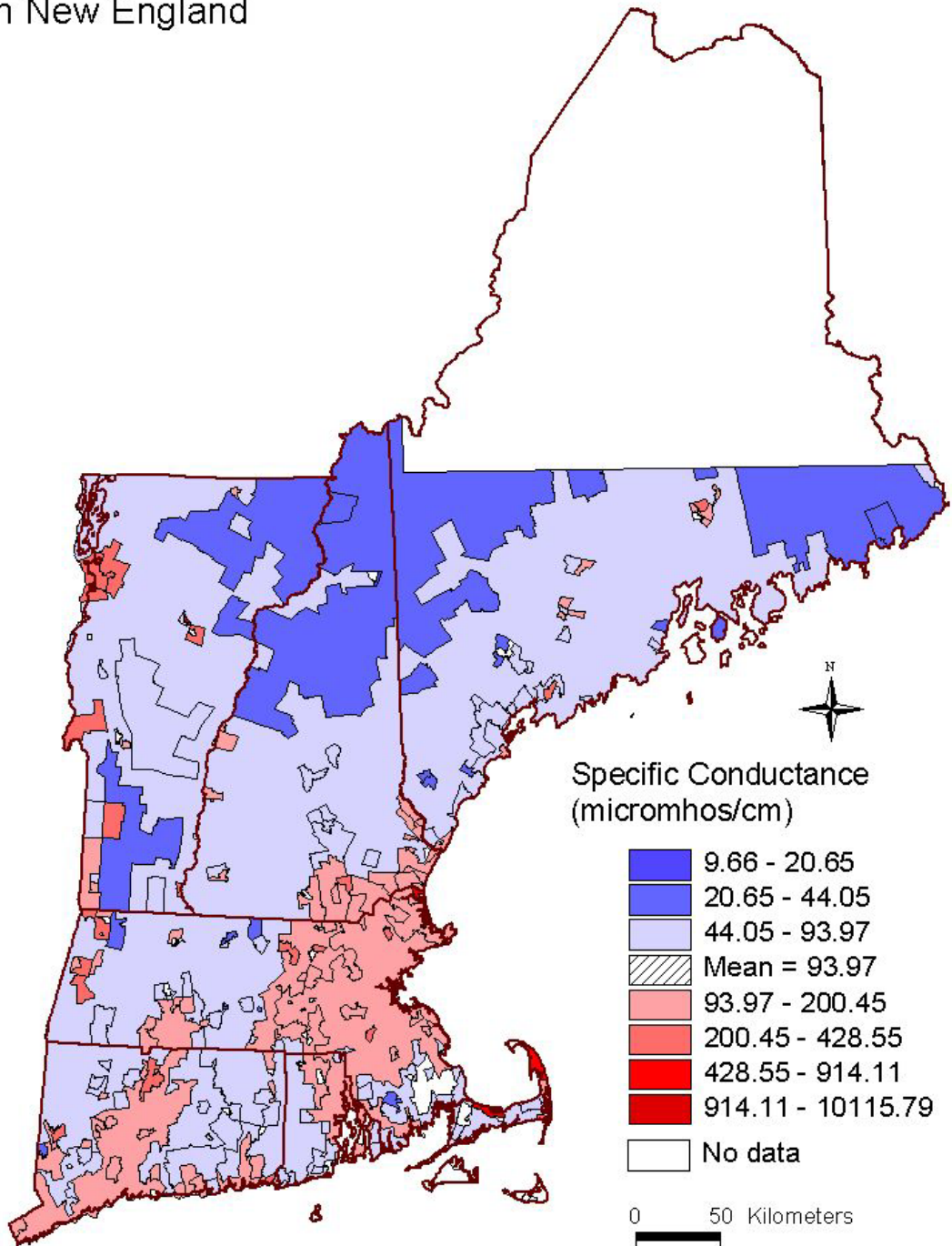


# Alkalinity, by Population Density in New England

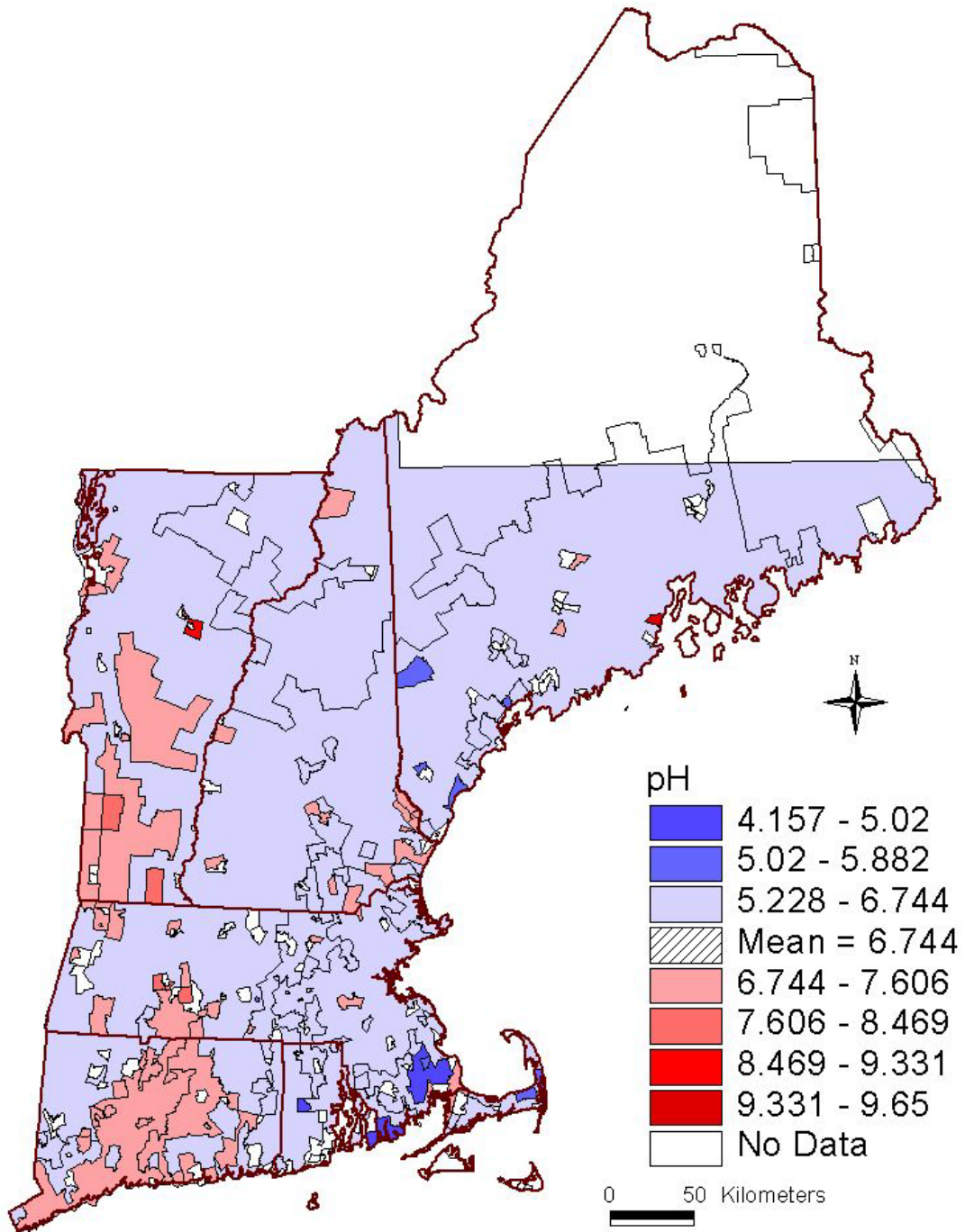




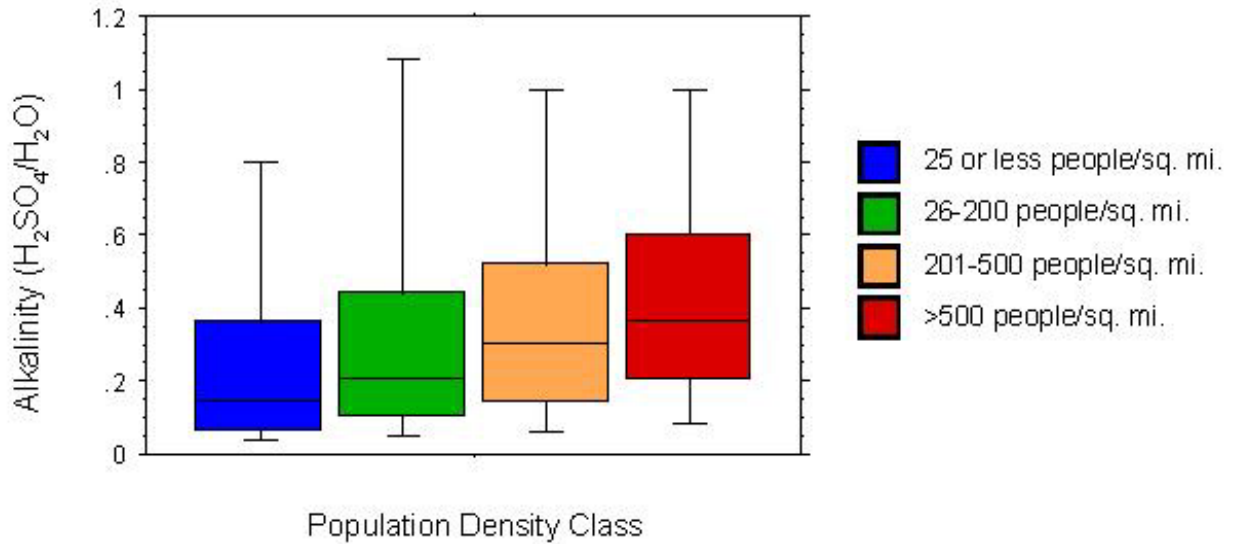
# Specific Conductance, by Population Density in New England



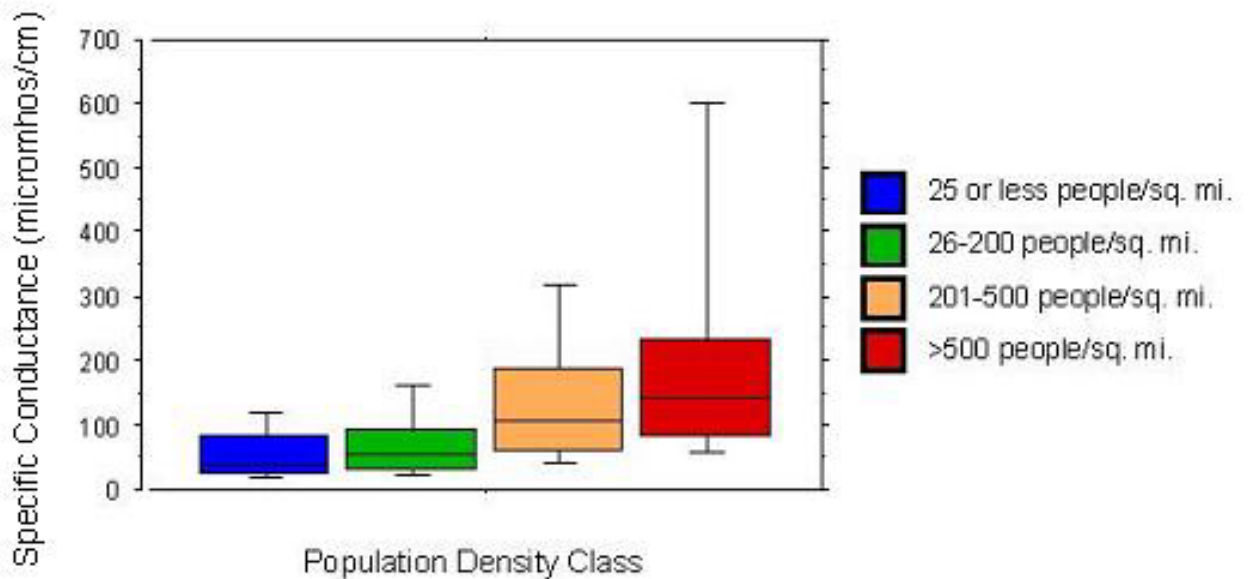
# pH, by Population Density in New England



### Values of Alkalinity, by Population Density in New England



### Values of Specific Conductance, by Population Density



### Values of pH, by Population Density in New England

