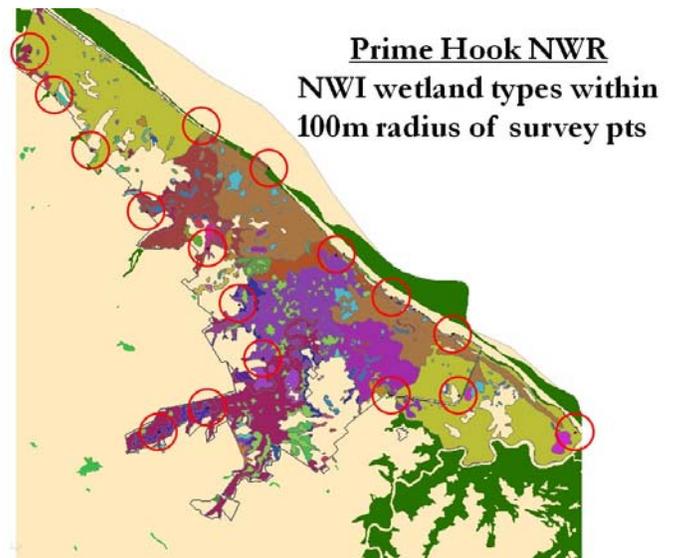
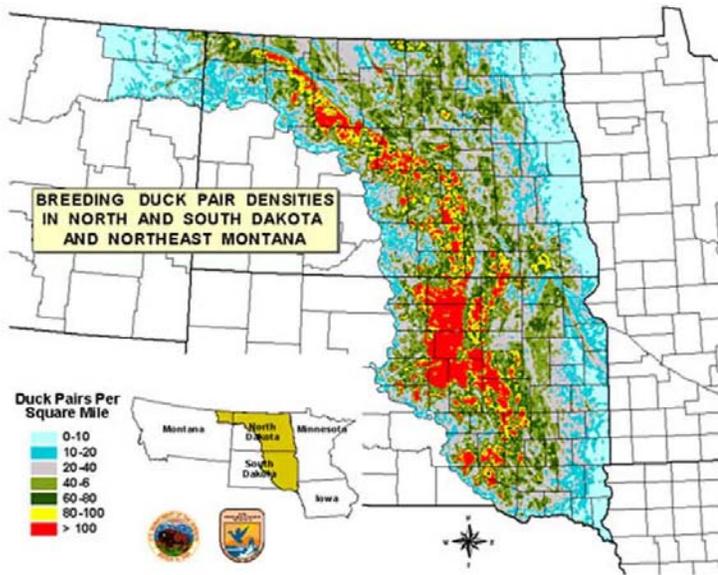




Using National Wetlands Inventory

for

Wildlife Conservation Planning



These maps show two examples of how National Wetlands Inventory wetlands data are currently being used: first, mapping breeding pair densities based on NWI data; and second, in a national marsh bird survey relating preferred habitats to NWI codes.



Climate change modeling for wildlife will drive the demand for National Wetlands Inventory map data. Two important examples of analysis that are expected to be useful for wildlife modeling nationwide are the use of NWI data for the study of breeding waterfowl (Fish and Wildlife Service), the so-called “Thunderstorm” maps, and the recent marsh birds survey that linked preferred wetland type to mapped NWI classifications (USGS, FWS, University of Arizona). NWI data have also been used to aid in the recovery of endangered and threatened species such as the Hines emerald dragonfly, bog turtle, Chiricahua leopard frog, and log perch - all facing potential climate change impacts.

