

Surficial Aquifer

During water year 2006, water levels in the surficial aquifer were above normal in two of the three wells monitored (figure 4), Sunset Harbor and Calabash, reflecting recovery from the 1998-2002 drought due to increased rainfall. Water levels monitored in the Southport well were normal.

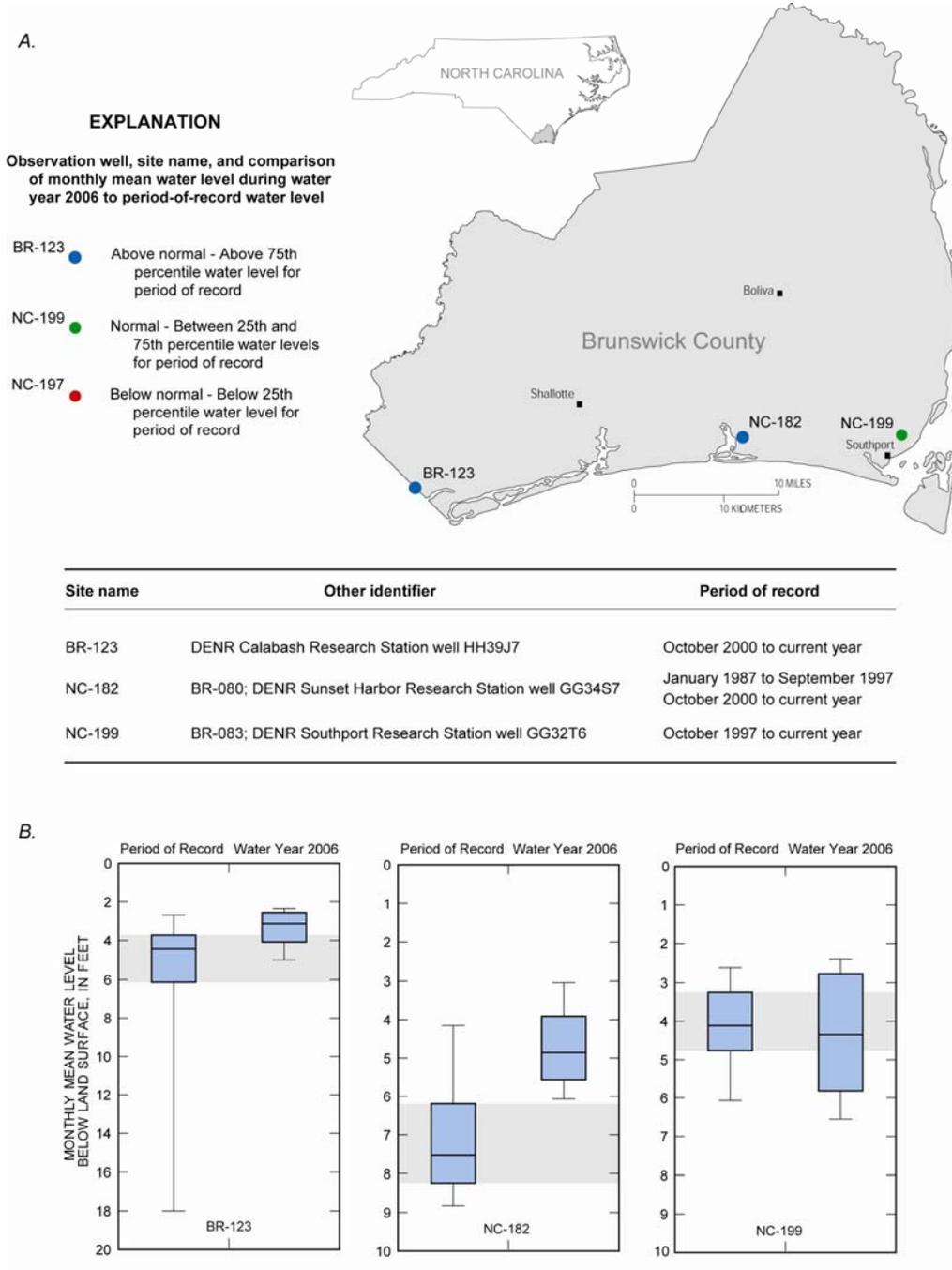


Figure 4. (A) Observation wells completed in the surficial aquifer, Brunswick County area (colored dots indicate locations where water levels were above, below, or normal for the surficial aquifer during water year 2006) and (B) box plots comparing period-of-record monthly mean water levels to water year 2006 monthly mean water levels.