

Figure 5.—Potentiometric surface of the Black Creek aquifer in parts of Bladen, Hoke, Robeson, and Scotland Counties, North Carolina.

**EXPLANATION**

LOCATION OF FIRST STUDY UNIT—Water-level data collected in the fall of 1992  
 LOCATION OF SECOND STUDY UNIT—Water-level data collected in the fall of 1993  
 LOCATION OF THIRD STUDY UNIT—Water-level data collected in the spring of 1994  
 POTENTIOMETRIC CONTOUR—Shows altitude at which water level would have stood in tightly cased wells. Dashed where approximately located. Contour intervals 10 and 20 feet. Dashured to indicate depressions. Datum is sea level  
 WELL COMPLETED IN THE BLACK CREEK AQUIFER AND WELL NUMBER  
 WELL COMPLETED IN THE BLACK CREEK, THE UPPER CAPE FEAR AQUIFERS AND WELL NUMBER  
 WELL COMPLETED IN THE BLACK CREEK, THE UPPER CAPE FEAR, AND THE LOWER CAPE FEAR AQUIFERS AND WELL NUMBER  
 WELL COMPLETED IN THE UPPER CAPE FEAR AQUIFER AND WELL NUMBER FOR WHICH HYDROGRAPH IS INCLUDED IN THIS REPORT  
 WELL COMPLETED IN THE BLACK CREEK AND THE PEDEE AQUIFERS AND WELL NUMBER  
 LOCATION OF SELECTED PUMPING CENTERS—Size does not indicate volume of withdrawal

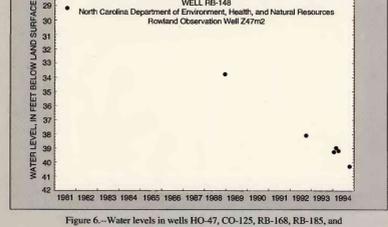
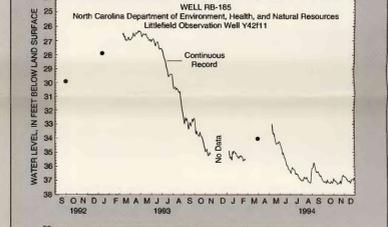
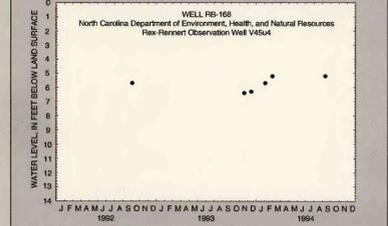
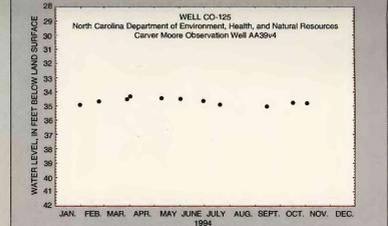
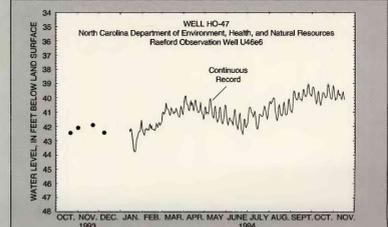


Figure 6.—Water levels in wells HO-47, CO-125, RB-168, RB-185, and RB-148 in the Black Creek aquifer, 1981-94.

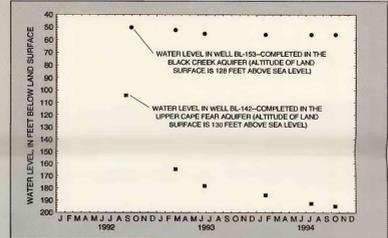
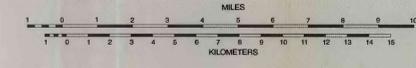


Figure 7.—Water levels in wells BL-153 and BL-142 in Bladen County, 1992-94.

Base from digital files of  
U.S. Department of Commerce, Bureau of Census,  
1990 Precensus TIGER/Line Files, 1991  
U.S. Environmental Protection Agency  
Reach File, Version 3, 1990  
U.S. Geological Survey, 1:100,000 scale Digital  
Line Graph-Transportation, Region 3



WATER-LEVEL CONDITIONS IN THE BLACK CREEK AQUIFER, 1992-94, IN PARTS OF BLADEN, HOKE, ROBESON, AND SCOTLAND COUNTIES, NORTH CAROLINA

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