

Hydrology - Water Resources Report 16

Potentiometric Surface of the Black Creek Aquifer in South Carolina, November 1995

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ABSTRACT

The potentiometric surface of the Black Creek aquifer for November 1995 shows that ground water flows generally to the southeast in most of the Coastal Plain of South Carolina. Flow is locally affected by pumping, as indicated by potentiometric lows at Marion, Johnsonville, Andrews, and coastal Georgetown County.

Comparing the November 1995 data with historical data shows that water levels near the outcrop areas of this aquifer are stable. In areas influenced by pumping, water levels have declined by 50 to 175 feet (or even more) since the beginning of ground-water supply development.

Copies of this report are available in the SCDNR's Columbia office.