

Hydrology - Water Resources Report 19

Potentiometric Surface of the Middendorf Aquifer in South Carolina, November 1998

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ABSTRACT

The potentiometric surface of the Middendorf aquifer for November 1996 shows that the generally southeastward ground-water flow is affected by two potentiometric lows. These two cones of depression have developed because of ground-water pumping in the Florence-Hemingway area and around Mount Pleasant.

Comparing the November 1996 data with historical data shows that water levels near the outcrop areas of this aquifer have not changed significantly. In areas influenced by pumping, water levels have declined by 47 to 257 feet during various periods of record.

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