

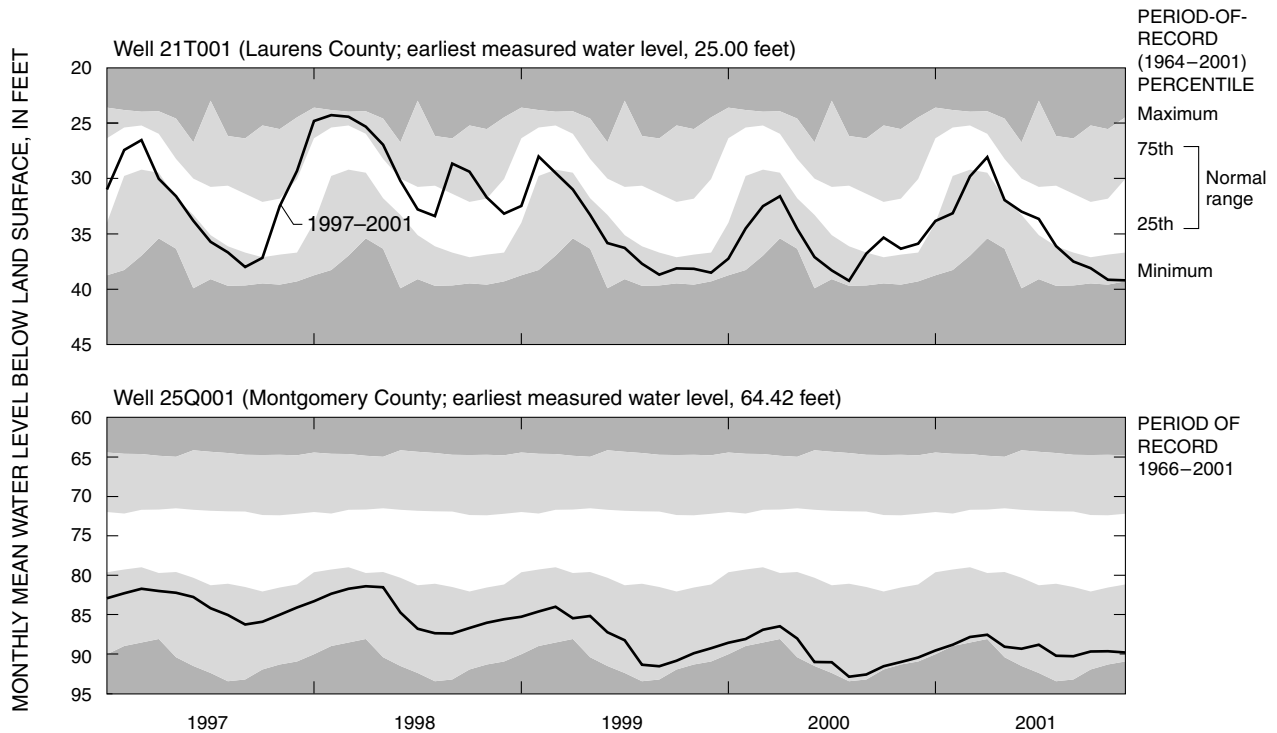
Upper Floridan Aquifer

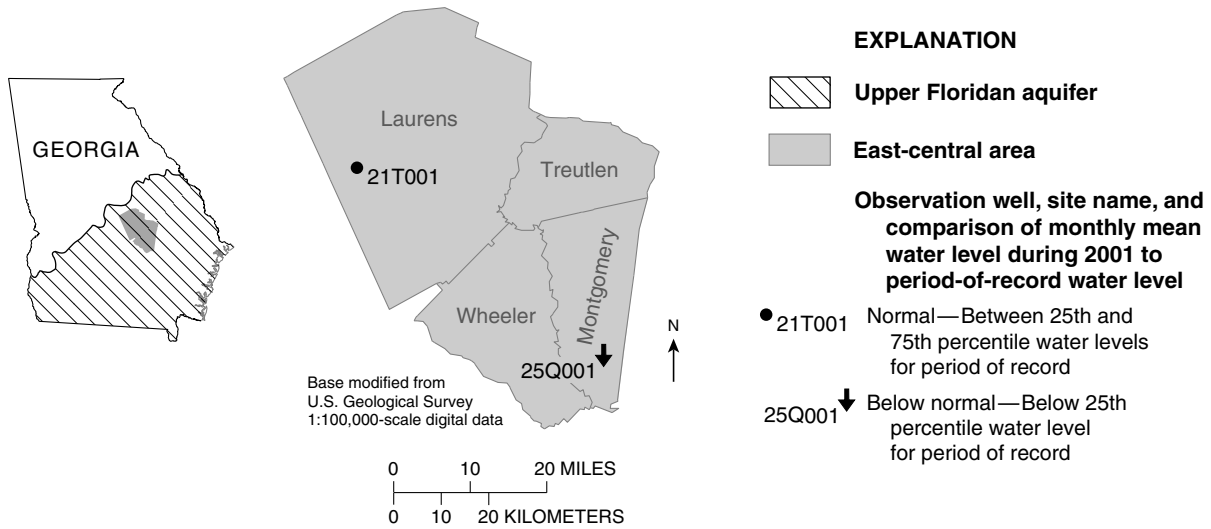
East-Central area

Water levels in two wells were used to define groundwater conditions in the Upper Floridan aquifer in east-central Georgia during 2001 (map and table, facing page). In this area, water in the Upper Floridan aquifer is confined to the southeast and is semiconfined to the northwest. The water level in one of the wells was within the normal range and in the other well was below normal during 2001.

Water-level hydrographs for both Upper Floridan aquifer wells in east-central Georgia illustrate monthly mean water levels during 1997–2001 and period-of-record water-level statistics. Effects from drought are apparent in both wells beginning in early 1999. Well 21T001 in

Laurens County is located in the northwestern part of the area, where the aquifer is semiconfined. The water level in the well was at or above normal during most of 1997–98, but dropped below normal for most of 1999, 2000 and 2001, and neared a record low by late 2001. Water levels in this area are influenced by climatic effects and agricultural pumping. Well 25Q001 in Montgomery County is located in an area where the aquifer is deeply buried and confined and is influenced by local and regional pumping. The water level in this well has shown a downward trend for most of the period of record. The rate of this downward trend increased during early 1999 and by mid-2000, the water level was near a record low, continuing through early 2001 after which a slight rise in water level is apparent.





Site name	County	Other identifier
21T001	Laurens	Danny Hogan
25Q001	Montgomery	Montgomery County Board of Education