

GROUND-WATER LEVELS

SAMPSON COUNTY--Continued

345730078301702. County number, SA-144; Roseboro well 2.

LOCATION.--Lat 34°57'30.5", long 78°30'16.9", North American Datum of 1983, Hydrologic Unit 03030006, in Roseboro off Cypress Street. Owner: Town of Roseboro.

AQUIFER.--Black Creek and upper Cape Fear aquifers of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled supply well, depth 275 ft, diameter 10 in., screened intervals from 137 to 147 ft, 170 to 190 ft, and 260 to 265 ft (reported by driller).

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 120 ft above NGVD of 1929 (from topographic map). Measuring point: Top of coupling in pump base, 1.4 ft above land-surface datum.

REMARKS.--Well is part of southern Coastal Plain ground-water level monitoring study.

PERIOD OF RECORD.--December 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 71.6 ft below land-surface datum, Dec. 13, 2000; lowest measured, 80.4 ft below land-surface datum, June 14, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 13	71.6	MAR 30	76.5	JUL 12	78.2	SEP 20	78.8

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 26	78.6	MAR 28	79.4	JUN 14	80.4	SEP 25	73.2

