

GROUND-WATER LEVELS

BLADEN COUNTY--Continued

344441078482402. County number, BL-142.

LOCATION.--Lat 34°44'42", long 78°48'24", Hydrologic Unit 03040203, 1 mi northwest of Tar Heel on State Highway 87 at Smithfield Packing Co., Inc., Tar Heel Division. Owner: Smithfield Packing Co., Inc.

AQUIFER.--Upper Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, depth 375 ft, diameter 2 in., screened intervals from 210 to 220 ft, 245 to 250 ft, 315 to 320 ft, 345 to 350 ft, and 370 to 375 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 130 ft above NGVD of 1929 (from topographic map). Measuring point: Top of 6-inch steel protective casing, 2.3 ft above land-surface datum.

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

PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 104.23 ft below land-surface datum, Sept. 10, 1992; lowest water level measured, 244.9 ft below land-surface datum, Feb. 6, 2001.

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

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 26	237.9	SEP 02	231.1

