

GROUND-WATER LEVELS

SAMPSON COUNTY--Continued

345920078112106. County number, SA-114; DENR Turkey Research Station well U34b6.

LOCATION.--Lat 34°59'20.0", long 78°11'21.5", North American Datum of 1983, Hydrologic Unit 03030006, on west edge of Turkey on State Highway 24. Owner: DENR (North Carolina Department of Environment and Natural Resources).

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

WELL CHARACTERISTICS.--Drilled observation well, depth 264 ft, diameter 6 in. to 148 ft, diameter 4 in. from 128 to 264 ft, screened interval from 254 to 264 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 141.8 ft above sea level (levels by DENR). Measuring point: Top of 6-inch casing, 1.44 ft above land-surface datum.

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

PERIOD OF RECORD.--August 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.04 ft below land-surface datum, Mar. 27, 2000; lowest water level measured, 40.85 ft below land-surface datum, Sept. 20, 2001.

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	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 14	39.40	FEB 09	39.13	MAR 30	38.94	MAY 03	39.30	JUL 12	40.39	SEP 20	40.85

