

BLADEN COUNTY--Continued

343027078451902. County number, BL-100; DENR Bladenboro Research Station well Z41u2.

LOCATION.--Lat 34°30'24", long 78°45'17", Hydrologic Unit 03040206, 3 mi southeast of Bladenboro, south of State Highway 211 on Secondary Road 1172. 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 480 ft, diameter 4 in. to 147 ft, diameter 2.5 in. from 147 to 480 ft, screened interval from 470 to 480 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 106 ft above sea level (from topographic map). Measuring point: Top of 4-inch casing, 1.73 ft above land-surface datum (since December 2000).

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

PERIOD OF RECORD.--November 1975 to current year. Records from November 1975 to September 1986 are from the files of the Groundwater Section, DENR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 49.32 ft below land-surface datum, Nov. 14, 1975; lowest water level measured, 95.73 ft below land-surface datum, Sept. 4, 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
OCT 11	94.04	JAN 19	94.96	MAR 28	95.31	JUL 09	95.63
DEC 08	94.27	FEB 06	95.11	MAY 07	95.64	SEP 04	95.73

