

GROUND-WATER LEVELS

SOUTHAMPTON COUNTY

364242077121501. Local number, 53B 6.

LOCATION.--Lat 36°42'42", long 77°12'15", Hydrologic Unit 03010201, at Virginia Department of Transportation - Capron Area Headquarters, 50 ft east of State Highway 654 and 2000 ft north of U.S. Highway 58. Owner: U.S. Geological Survey.

AQUIFER.--Brighseat-upper Potomac aquifer of Cretaceous-Paleocene age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 2 in., depth 115.65 ft, screened 110.65 ft to 115.65 ft.

INSTRUMENTATION.--Occasional measurement with chalked tape by USGS personnel. Prior to October 1998, monthly measurement with chalked tape.

DATUM.--Elevation of land-surface datum is 95 ft above sea level. Measuring point: Top of casing, 0.88 ft above land-surface datum.

REMARKS.--Well drilled as part of Fall Zone ground-water study.

ERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.55 ft below land-surface datum, May 7, 1997; lowest measured, 56.14 ft below land-surface datum, Dec. 23, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
	DEC 23	56.14	APR 15	55.45	JUL 13	55.41
WATER YEAR 1999	HIGHEST	55.41	JUL 13, 1999			
	LOWEST	56.14	DEC 23, 1998			

