

GROUND-WATER LEVELS

KING GEORGE COUNTY

381829077040102. Local number, 54Q 68.

LOCATION.--Lat 38°18'29", long 77°04'01", Hydrologic Unit 02070011, 1.5 mi northwest of the main gate at Tetotum Flats at the Naval Surface Warfare Center, Dahlgren Laboratory, in Dahlgren. Owner: U.S. Department of the Navy.

AQUIFER.--Columbia aquifer of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in. to 9.7 ft, 19.7 to 20.2 ft, depth 20.2 ft, screened 9.7 to 19.7 ft.

INSTRUMENTATION.--Occasional measurement with chalked tape by USGS personnel. Prior to Sept. 30, 1996, digital recorder--60-minute punch. Prior to Dec. 6, 1995, monthly measurement with chalked tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 12.45 ft above sea level. Measuring point: Top of recorder shelf, 1.99 ft above land surface datum. Prior to Dec. 6, 1995, and since Sept. 30, 1996, top of casing, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--March 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.33 ft below land-surface datum, Mar. 30, 1998; lowest measured, 12.28 ft below land-surface datum, Aug. 24, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL
MAR 30	8.33

