

KING GEORGE COUNTY

382129077005801. Local number, 54Q 21.

**LOCATION.**--Lat 38°21'29", long 77°00'57", NAD83, Hydrologic Unit 02070011, 200 ft west of the Potomac River, 400 ft south of U.S. Highway 301, 750 ft east of Blandy Boulevard, and at the Naval Surface Warfare Center, Dahlgren Laboratory, in Dahlgren. Owner: U.S. Department of the Navy.

**AQUIFER.**--Aquia aquifer of Paleocene age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 10 in. from 0 to 25 ft, diameter 4 in. from 0 to 197 ft, 217 to 219.25 ft, depth 219.25 ft, screened 197 to 217 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by USGS personnel. Prior to Oct. 26, 1994, digital recorder 60-minute punch.

**DATUM.**--Elevation of land-surface datum is 20.46 ft above sea level. Measuring point: Top of recorder shelf, 2.65 ft above land-surface datum prior to Nov. 4, 1994; top of casing, 2.10 ft thereafter.

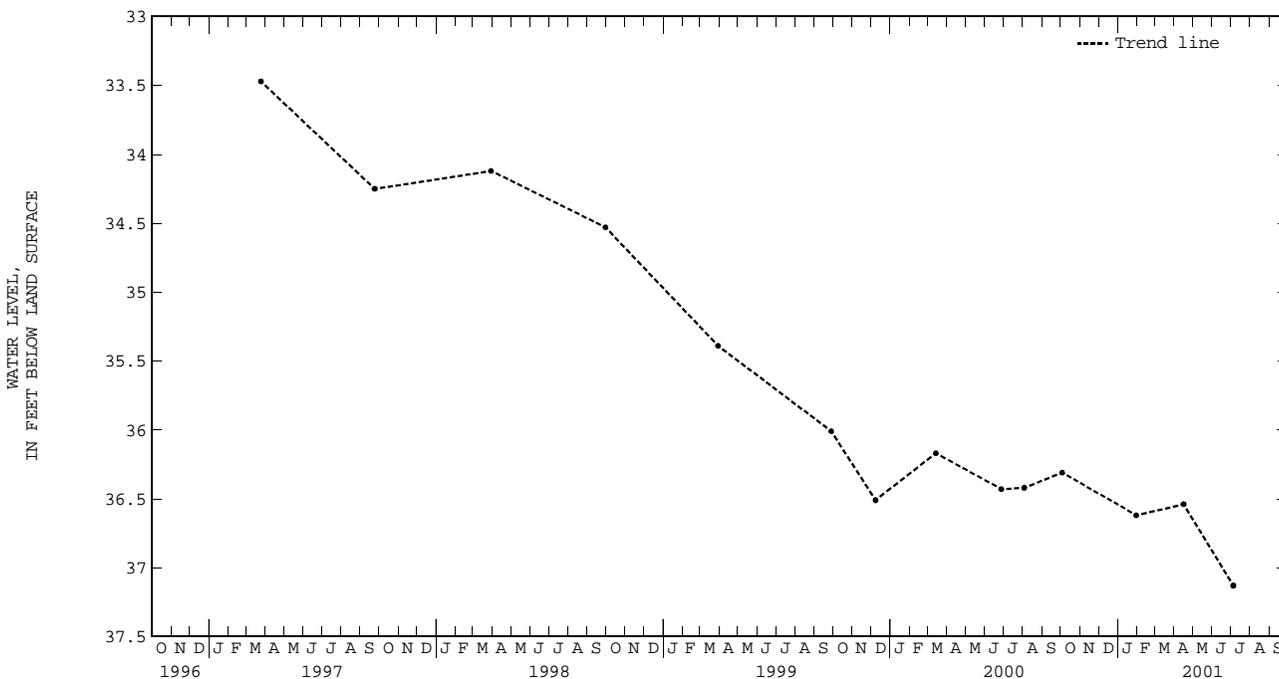
**REMARKS.**--Water level affected by regional drawdown.

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

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level recorded, 29.00 ft below land-surface datum, Mar. 4, 1993; lowest measured, 37.13 ft below land-surface datum, Jul. 5, 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 03	36.31	JAN 30	36.62	APR 16	36.54	JUL 05	37.13
WATER YEAR 2001 HIGHEST		36.31	OCT 03, 2000		LOWEST		37.13 JUL 05, 2001



GROUND-WATER LEVELS

KING GEORGE COUNTY

382341077032401. Local number, 54R 2.

**LOCATION.**--Lat 38°23'41", long 77°03'23", NAD83, Hydrologic Unit 02070011, 50 ft southeast of steep bank of the Potomac River, 150 ft west of State Highway 687, 1.5 mi west of the intersection of U.S. Highway 301 and State Highway 614, 1.9 mi north of the intersection of State Highways 629 and 687, and near Dahlgren. Owner: E. V. Bruchez.

**AQUIFER.**--Middle Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled withdrawal water well, diameter 4 in. to 210 ft, diameter 2 in. from 210 to 806 ft, depth 806 ft, screened 781 to 801 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by USGS personnel.

**DATUM.**--Elevation of land-surface datum is 70 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

**REMARKS.**--Water level affected by regional drawdown.

**PERIOD OF RECORD.**--October 1969 to current year. Unpublished records available prior to October 1988 in files of the Geological Survey.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 70.00 ft below land-surface datum, Oct. 15, 1969; lowest measured, 137.75 ft below land-surface datum, Aug. 3, 2000.

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 03	136.99	JAN 30	136.75	APR 16	136.81	JUL 05	136.87
WATER YEAR 2001		HIGHEST	136.75	JAN 30, 2001	LOWEST	136.99	OCT 03, 2000

