

GROUND-WATER LEVELS

KING GEORGE COUNTY

381817077023101. Local number, 54Q 80.

LOCATION.--Lat 38°18'17", long 77°02'31", Hydrologic Unit 02070011, 0.9 mi northeast 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 7.2 ft, 12.2 to 14.7 ft, depth 14.7 ft, screened 7.2 to 12.2 ft.

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

DATUM.--Elevation of land-surface datum is 15.20 ft above sea level. Measuring point: Top of casing, 0.05 ft below land-surface datum prior to Aug. 5, 1998; top of bladder pump cover plate, at land-surface datum thereafter.

PERIOD OF RECORD.--March 1994 to September 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.79 ft below land-surface datum, Mar. 29, 1994; lowest measured, 11.28 ft below land-surface datum, Nov. 16, 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	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	9.86	NOV 16	11.28	FEB 16	4.20	MAY 10	5.03	SEP 29	5.96
30	10.91	DEC 23	11.15	APR 13	3.83	JUL 19	9.46		
WATER YEAR 1999		HIGHEST	3.83	APR 13, 1999					
		LOWEST	11.28	NOV 16, 1998					

