

GROUND-WATER LEVELS

KING GEORGE COUNTY

381812077015201. Local number, 54Q 78.

LOCATION.--Lat 38°18'12", long 77°01'52", Hydrologic Unit 02070011, at intersection of two unnamed roads, 1.1 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 7.5 ft, 17.5 to 20.0 ft, depth 20.0 ft, screened 7.5 to 17.5 ft.

INSTRUMENTATION.--Electronic pressure transducer data logger--60 minute record interval. Prior to Nov. 17, 1998, occasional measurement with chalked tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 16.33 ft above sea level. Measuring point: Top of casing, 0.11 ft below land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.30 ft below land-surface datum, Mar. 29, 1994; lowest recorded, 10.80 ft below land-surface datum, Sept. 3, 4, 1999.

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

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 2	9.80	NOV 17	10.58

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

LOWEST DAILY VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	10.75	9.78	6.53	4.02	3.56	5.68	8.29	8.96	10.30	10.74
10	---	---	10.74	9.89	6.76	4.49	3.95	6.23	8.54	9.22	10.46	10.44
15	---	---	10.52	9.85	6.28	2.68	4.18	6.73	8.63	9.42	10.63	10.63
20	---	10.64	10.51	8.30	5.00	3.53	4.80	7.06	8.80	9.58	10.69	6.74
25	---	10.69	10.52	6.95	5.61	2.45	5.10	7.38	8.72	9.69	10.78	7.07
EOM	---	10.71	10.52	6.86	5.65	3.34	5.42	7.89	8.92	10.00	10.73	7.17

WATER YEAR 1999	HIGHEST INSTANTANEOUS	1.80	MAR 22, 1999
	LOWEST INSTANTANEOUS	10.80	SEP 3, 4, 1999

