

GROUND-WATER LEVELS

KING GEORGE COUNTY

381915077020303. Local number, 54Q 48.

LOCATION.--Lat 38°19'15", long 77°02'03", Hydrologic Unit 02070011, 100 ft south of Tisdale Road, 200 ft east of security gate at intersection of Tisdale Road and Welch Road, and 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 2.68 ft, 12.68 to 14.93 ft, depth 14.93 ft, screened 2.68 to 12.68 ft.

INSTRUMENTATION.--Electronic pressure transducer data logger--60-minute record interval. Mar. 4, 1996 to Dec. 18, 1996, occasional measurement with chalked tape by USGS personnel. Oct. 10, 1995 to Mar. 4, 1996, electronic pressure transducer data logger--60-minute record interval. Oct. 26, 1994 to Oct. 10, 1995, 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 10.68 ft above sea level. Measuring point: Top of recorder shelf, 2.6 ft above land-surface datum prior to Nov. 4, 1994; top of casing, 2.32 ft thereafter.

REMARKS.--Recorder moved to non-USGS well Mar. 4, 1996 at the request of cooperator (U.S. Navy Dahlgren NSWCDL).

PERIOD OF RECORD.--September 1992 to September 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.07 ft above land-surface datum, Mar. 29, 1994; lowest recorded, 9.04 ft below land-surface datum, Nov. 25, 1998.

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	8.71	8.87	8.97	6.32	4.38	1.58	3.89	5.96	7.56	7.18	8.32	7.75
10	8.39	9.02	7.98	6.60	5.39	2.70	4.36	6.32	7.71	7.70	8.48	6.55
15	8.61	8.99	6.95	6.83	3.51	1.25	4.78	6.57	7.63	7.54	8.49	7.00
20	8.76	9.01	7.74	4.59	1.94	2.17	5.36	6.74	7.70	7.90	8.63	3.77
25	8.87	9.04	7.82	2.37	3.55	1.74	5.53	6.87	7.30	7.95	8.43	5.01
EOM	8.96	8.95	7.57	4.69	3.99	3.24	5.79	7.29	7.27	8.11	7.47	5.37

WATER YEAR 1999	HIGHEST INSTANTANEOUS	0.52	MAR 15, 1999
	LOWEST INSTANTANEOUS	9.04	NOV 25, 1998

