

## GROUND-WATER LEVELS

## CITY OF SUFFOLK

363928076332901. Local number, 58B 13.

LOCATION.--Lat 36°39'28", long 76°33'29", Hydrologic Unit 03010205, 700 ft east of State Highway 642, 4.0 mi south of Suffolk. Owner: Melvin Brinkley.

AQUIFER.--Columbia aquifer of Quaternary age.

WELL CHARACTERISTICS.--Dug unused water well, diameter 22 in., depth 15 ft.

INSTRUMENTATION.--Electronic data logger--60 minute record interval. Mar. 2, 1994 to May 28, 1999, digital recorder--60-minute punch. Sept. 20, 1993 to Mar. 2, 1994, occasional measurement with chalked tape by USGS personnel. Jan. 24, 1981, to Sept. 20, 1993, digital recorder--60-minute punch. Prior to Jan. 24, 1981, continuous strip-chart recorder.

DATUM.--Elevation of land-surface datum is 40 ft above sea level, from topographic map. Measuring point: Top of recorder shelf, 1.9 ft above land-surface datum.

REMARKS.--Missing record due to recorder malfunction.

PERIOD OF RECORD.--March 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.59 ft below land-surface datum, Sept. 16, 1999; lowest recorded, 13.44 ft below land-surface datum, Jan. 23-26, 1981.

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	11.80	12.19	12.45	11.74	8.27	8.04	8.18	8.63	10.06	10.86	10.71	6.59
10	11.85	12.25	12.48	11.18	8.32	7.97	8.38	8.90	10.32	10.95	10.65	5.12
15	11.91	12.30	12.51	10.90	8.29	8.04	7.40	9.03	10.50	10.99	9.94	5.14
20	11.96	12.35	12.54	9.92	7.94	7.66	7.75	9.23	10.62	11.06	9.64	4.44
25	12.06	12.38	12.54	9.04	7.64	7.77	8.11	9.45	10.69	11.10	9.59	5.73
EOM	12.13	12.41	12.26	8.31	7.60	8.03	8.41	9.79	10.77	10.87	8.95	6.19

WATER YEAR 1999	HIGHEST INSTANTANEOUS	0.59	SEP 16, 1999
	LOWEST INSTANTANEOUS	12.54	DEC 19, 21-25, 1998

