

GROUND-WATER LEVELS

CITY OF SUFFOLK

365133076351202. Local number, 58C 58 SOW 141B.

LOCATION.--Lat 36°51'33", long 76°35'12", Hydrologic Unit 02080208, 500 ft west of old Chuckatuck High School in Chuckatuck. Owner: Virginia Department of Environmental Quality.

AQUIFER.--Middle Potomac aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in., depth 605 ft, screened 595 to 605 ft.

INSTRUMENTATION.--Continuous strip-chart recorder. July 20, 1995 to Mar. 12, 1997, occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 8, 1985, to July 19, 1995, bimonthly measurement with chalked tape. Prior to Oct. 8, 1985, occasional measurement with chalked tape.

DATUM.--Elevation of land-surface datum is 52 ft above sea level, from topographic map. Measuring point: Top of casing, 0.5 ft above land-surface datum prior to Jan. 12, 1988; 1.5 ft Jan. 12, 1988, to Mar. 12, 1997; 2.38 ft thereafter.

REMARKS.--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level may be affected by local pumpage. Missing record due to recorder malfunction.

PERIOD OF RECORD.--April 1980 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 108.60 ft below land-surface datum, Apr. 24, 1980; lowest measured, 148.99 ft below land-surface datum, Feb. 25, 1994.

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	138.79	138.35	137.12	137.30	136.71	137.24	136.77	137.02	138.63	139.58	139.85	139.38
10	138.10	137.83	137.46	137.25	137.10	137.28	136.79	136.43	139.63	140.30	140.12	139.76
15	138.30	137.58	137.90	137.05	136.62	136.73	136.55	137.22	139.35	139.47	140.16	139.29
20	138.43	137.90	137.51	136.78	136.87	137.14	136.77	137.38	139.38	139.32	140.19	140.15
25	138.18	138.28	136.85	136.51	136.84	137.08	137.10	137.37	139.20	139.34	140.29	140.07
EOM	138.02	137.72	137.19	136.59	136.58	137.20	136.99	137.92	139.56	139.93	139.87	139.58

WATER YEAR 1999	HIGHEST INSTANTANEOUS	135.37	APR 11, 15, 1999
	LOWEST INSTANTANEOUS	140.98	SEP 19, 1999

