GROUND-WATER LEVELS

CITY OF SUFFOLK

365133076351203. Local number, 58C 59 SOW 141C.

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.--Brightseat-upper Potomac aquifer of Cretaceous-Paleocene age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in., depth 447 ft, screened 437 to 447 ft.

INSTRUMENTATION.--Continuous strip-chart recorder. Prior to May 5, 1981, occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel.

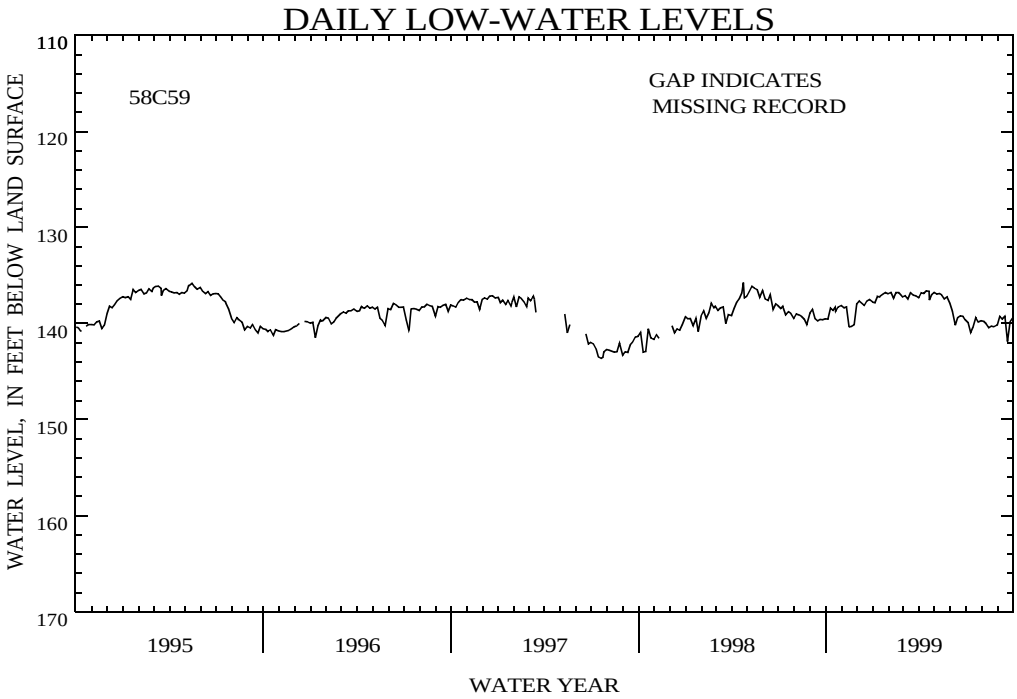
DATUM.--Elevation of land-surface datum is 52 ft above sea level, from topographic map. Measuring point: Top of casing, 1.5 ft above land-surface datum.

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

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 Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.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, 108.80 ft below land-surface datum, June 30, 1980; lowest recorded, 151.00 ft below land-surface datum, Feb. 17, 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	139.53	138.36	137.65	137.81	136.73	137.08	136.80	136.93	138.72	139.89	139.76	139.23
10	138.37	138.25	137.90	137.16	137.36	137.43	136.85	136.85	140.16	140.94	140.01	139.52
15	138.62	140.33	138.11	137.11	136.73	136.78	136.58	137.03	139.38	140.39	140.42	139.26
20	138.74	140.27	137.64	136.96	136.75	137.02	136.64	137.44	139.18	139.36	140.25	141.84
25	138.29	140.11	137.51	136.73	137.01	137.08	136.98	137.23	139.22	139.81	140.31	139.84
EOM	138.12	137.96	137.77	136.88	137.24	137.32	136.76	137.87	139.60	139.68	140.17	139.42

WATER YEAR 1999	HIGHEST INSTANTANEOUS	136.18	APR 16, 1999
	LOWEST INSTANTANEOUS	142.08	SEP 19, 1999