

GROUND-WATER LEVELS

CITY OF SUFFOLK

364703076383702. Local number, 57C 22 SOW 099B.

LOCATION.--Lat 36°47'03", long 76°38'37", Hydrologic Unit 02080208, 700 ft south of U.S. Highway 460, 0.5 mi west of Providence Church, and 1.0 mi west of Kings Fork. Owner: Virginia Department of Environmental Quality.

AQUIFER.--Middle Potomac aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in., depth 694 ft, screened 684 to 694 ft.

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

DATUM.--Elevation of land-surface datum is 72 ft above sea level, from topographic map. Measuring point: Top of recorder shelf, 2.0 ft above land-surface datum prior to July 14, 1987; 1.7 ft thereafter.

REMARKS.--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by local pumpage and regional drawdown.

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 Unpublished records available prior to August 1985 in files of the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 128.24 ft below land-surface datum, Feb. 18, 1980; lowest recorded, 188.19 ft below land-surface datum, Dec. 27, 28, 1993.

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	167.95	167.62	167.60	166.62	166.10	165.90	165.73	165.52	166.35	167.22	167.41	167.20
10	167.92	167.63	167.52	166.62	166.03	166.00	165.70	165.92	166.72	167.34	167.50	167.06
15	167.82	167.59	167.32	166.68	165.98	165.70	165.43	165.93	167.05	167.27	167.56	167.12
20	167.58	167.58	167.13	166.40	165.95	165.74	165.38	165.83	167.03	167.21	167.55	166.80
25	167.60	167.64	167.09	166.18	165.95	165.70	165.47	166.16	166.95	167.12	167.55	166.61
EOM	167.63	167.62	166.77	166.12	165.70	165.72	165.53	166.13	166.99	167.24	167.50	166.76

WATER YEAR 1999	HIGHEST INSTANTANEOUS	165.35	APR 16, 1999
	LOWEST INSTANTANEOUS	168.05	OCT 02, 03, 04, 1998

