

GROUND-WATER LEVELS

NORTHAMPTON COUNTY

371543076003401. Local number, 62G 15 SOW 121.

LOCATION.--Lat 37°15'43", long 76°00'34", Hydrologic Unit 02080110, 100 ft southwest of State Highway 642, 0.5 mi south of intersection of State Highways 184 and 642, and 0.7 mi southeast of Cape Charles. Owner: Brown and Root Corporation.

AQUIFER.--Yorktown-Eastover aquifer of Miocene-Pliocene age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in., depth 190 ft, screened 180 to 190 ft.

INSTRUMENTATION.--Continuous strip-chart recorder. Prior to July 15, 1985, occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel.

DATUM.--Elevation of land-surface datum is 12 ft above sea level, from topographic map. Measuring point: Top of recorder shelf, 1.5 ft above land-surface datum.

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

PERIOD OF RECORD.--November 1980 to current year. Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.37 ft below land-surface datum, May 11, 12, 13, 1998; lowest recorded, 14.31 ft below land-surface datum, Jan. 16, 17, 1986.

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	10.19	10.10	10.45	10.05	10.22	10.17	9.90	9.86	10.54	10.77	11.29	11.05
10	10.18	10.25	10.40	10.26	10.11	9.99	9.92	10.04	10.62	10.93	11.34	10.82
15	10.15	10.34	10.15	10.33	10.14	9.92	9.85	10.18	10.50	10.76	11.36	10.76
20	10.14	10.40	10.16	11.03	10.02	10.00	9.87	10.20	10.41	10.98	11.36	10.30
25	10.19	10.46	10.13	10.67	9.94	9.94	10.02	10.19	10.35	11.16	11.23	10.35
EOM	10.19	10.47	10.00	10.54	9.93	9.92	9.96	10.40	10.47	11.33	11.13	10.29

WATER YEAR 1999	HIGHEST INSTANTANEOUS	9.73	APR 15, 1999
	LOWEST INSTANTANEOUS	11.42	AUG 07, 1999

