

GROUND-WATER LEVELS

ACCOMACK COUNTY

374425075400003. Local number, 65K 29 SOW 114C.

LOCATION.--Lat 37°44'25", long 75°40'00", Hydrologic Unit 02080109, 0.2 mi northwest of intersection of State Highway 662 and U.S. Highway 13, 0.6 mi northwest of State Highway 662, and 0.9 mi east of Greenbush. Owner: Virginia Department of Environmental Quality.

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

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in., depth 315 ft, screened 305 to 315 ft.

INSTRUMENTATION.--Continuous strip-chart recorder. Prior to July 20, 1985, occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel.

DATUM.--Elevation of land-surface datum is 45 ft above sea level, from topographic map. Measuring point: Top of recorder shelf, 1.5 ft above land-surface datum prior to Feb. 27, 1990; 1.6 ft thereafter.

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

PERIOD OF RECORD.--March 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 Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.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, 71.50 ft below land-surface datum, Feb. 24, 1986; lowest recorded, 108.92 ft below land-surface datum, Aug. 17, 1991.

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	96.70	100.15	100.05	93.10	101.45	99.20	90.40	97.65	---	---	102.20	104.75
10	103.59	99.85	100.85	98.20	99.10	96.60	96.90	93.80	---	---	98.65	102.20
15	101.70	98.80	96.75	101.15	95.25	93.25	97.70	---	---	---	99.00	102.30
20	97.90	98.39	98.25	97.20	101.25	99.70	95.85	---	---	---	102.85	99.40
25	98.55	96.70	97.70	93.80	100.35	95.40	96.60	---	---	98.90	102.75	104.59
EOM	101.95	90.45	94.90	97.85	98.00	92.50	100.35	---	---	101.35	99.50	101.80

WATER YEAR 1999 HIGHEST INSTANTANEOUS 85.95 DEC 28, 1998
LOWEST INSTANTANEOUS 104.75 SEP 05, 06, 1999

