

GROUND-WATER LEVELS

MIDDLESEX COUNTY

373630076312601. Local number, 58J 5.

LOCATION.--Lat 37°36'30", long 76°31'26", Hydrologic unit 02080104, 1100 ft west of State Highway 619, 3 mi north of State Highway 33. Owner: Robert Bunch.

AQUIFER.--Middle Potomac aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water well, diameter 14 in., 0 to 400 ft, 8 in., 400 to 730 ft, depth 730 ft, screened 507 to 522 ft, 527 to 542 ft, 550 to 560 ft, 578 to 588 ft, 650 to 660 ft, 669 to 679 ft, 688 to 703 ft, 710 to 730 ft.

INSTRUMENTATION.--Occasional measurement with chalk tape by USGS personnel.

DATUM.--Elevation of land surface datum is 40 ft above sea level, from topographic map. Measuring point: Bottom of pump motor mount flange, 1.17 ft above land surface datum.

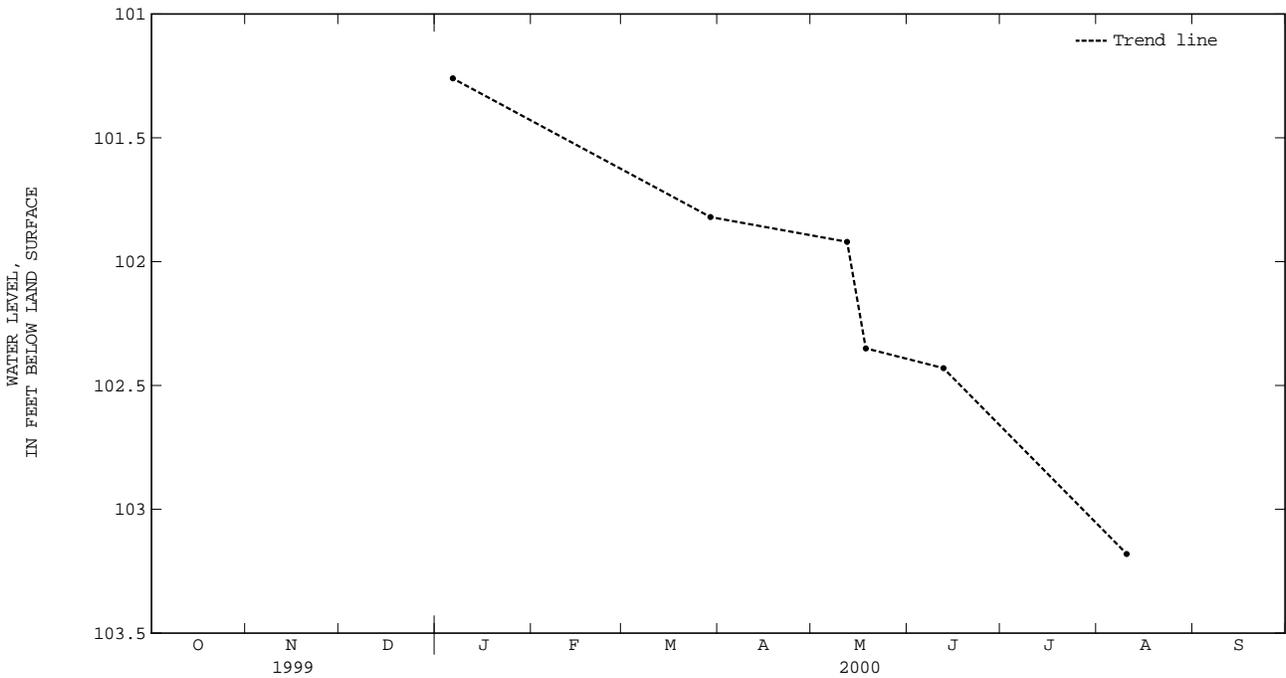
REMARKS.--Water level affected by regional drawdown.

PERIOD OF RECORD.--June 1974, January to September 2000.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 85.54 ft below land-surface datum, Jun. 3, 1974; lowest measured, 103.18 ft below land-surface datum, Aug. 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 06	101.26	MAR 29	101.82	MAY 12	101.92	MAY 18	102.35	JUN 12	102.43	AUG 10	103.18
WATER YEAR 2000		HIGHEST	101.26	JAN 06, 2000		LOWEST	103.18	AUG 10, 2000			



MIDDLESEX COUNTY

373149076251501. Local number, 59J 16.

LOCATION.--Lat 37°31'49", long 76°25'16", Hydrologic unit 02080102, 20 ft southwest of 59J 25, 165 ft east of State Highway 3, 350 ft north of Coves of Wilton Creek entrance road, 1.25 mi north of Piankatank Creek. Owner: CWW Development Co. LLC.

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

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in., depth 100 ft, casing 0 to 80 ft, 90 to 100 ft, screened 80 to 90 ft.

INSTRUMENTATION.--Occasional measurement with chalk tape by USGS personnel.

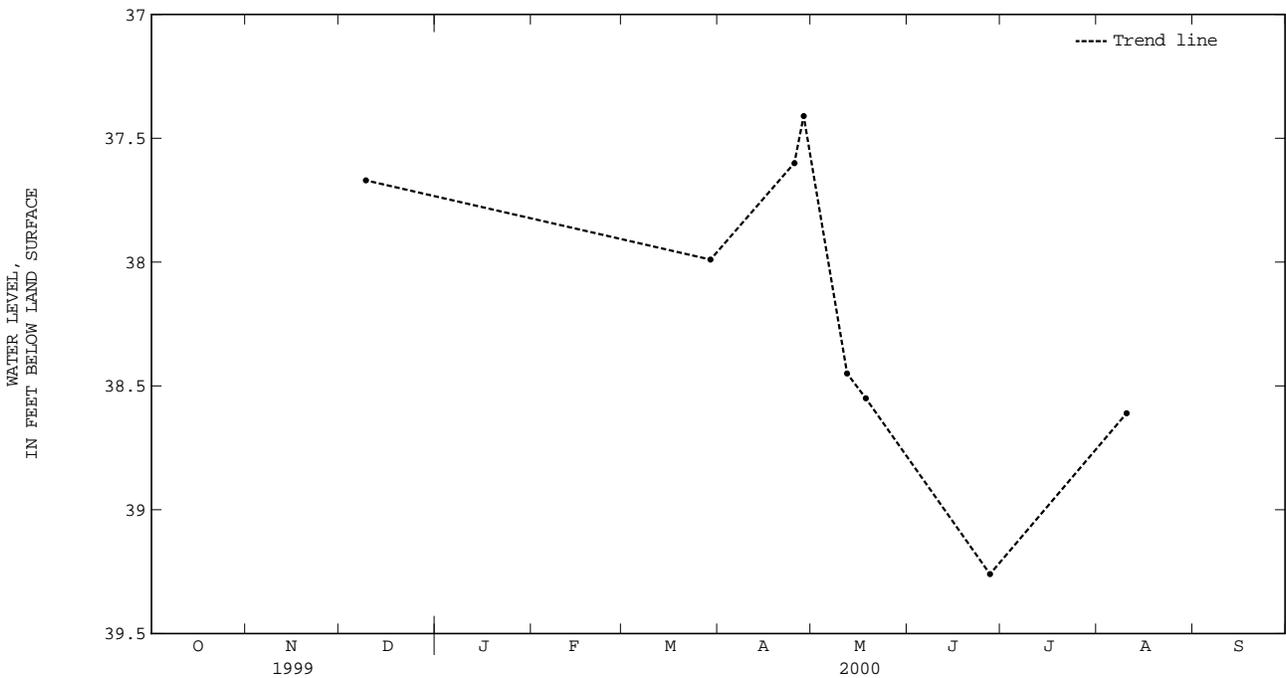
DATUM.--Elevation of land surface datum is 40 ft above sea level, from topographic map. Measuring point: Top of casing, 1.05 ft above land surface datum.

PERIOD OF RECORD.--December 1999 to September 2000.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.41 ft below land-surface datum, Apr. 28, 2000; lowest measured, 39.26 ft below land-surface datum, Jun. 27, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 09	37.67	APR 25	37.60	MAY 12	38.45	JUN 27	39.26
MAR 29	37.99	APR 28	37.41	MAY 18	38.55	AUG 10	38.61
WATER YEAR 2000		HIGHEST	37.41	APR 28, 2000	LOWEST	39.26	JUN 27, 2000



GROUND-WATER LEVELS

MIDDLESEX COUNTY

373145076251601. Local number, 59J 25.

LOCATION.--Lat 37°31'45", long 76°25'16", Hydrologic unit 02080102, 20 ft northeast of 59J 16, 165 ft east of State Highway 3, 350 ft north of Coves of Wilton Creek entrance road, 1.25 mi north of Piankatank Creek. Owner: CWW Development Co. LLC.

AQUIFER.--Columbia aquifer of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 2 in., depth 43 ft, casing depth unknown, screened depth unknown.

INSTRUMENTATION.--Occasional measurement with chalk tape by USGS personnel.

DATUM.--Elevation of land surface datum is 40 ft above sea level, from topographic map. Measuring point: Top of casing, 1.87 ft above-land surface datum.

PERIOD OF RECORD.--September 1999 to current year.

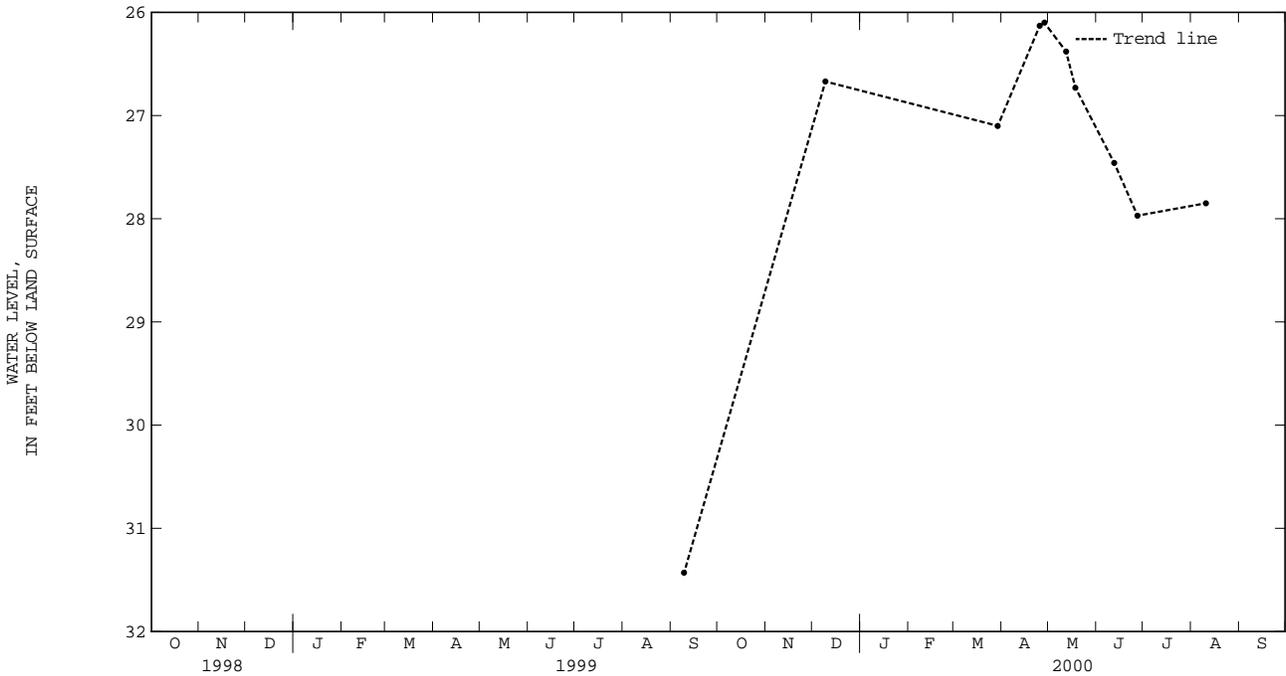
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.10 ft below land-surface datum, Apr. 28, 2000; lowest measured, 31.43 ft below land-surface datum Sep. 9, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL
SEP 09	31.43

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 09	26.67	APR 25	26.13	MAY 12	26.38	JUN 12	27.46	AUG 10	27.85
MAR 29	27.10	28	26.10	18	26.73	27	27.97		
WATER YEAR 2000		HIGHEST	26.10	APR 28, 2000	LOWEST	27.97	JUN 27, 2000		



MIDDLESEX COUNTY

373125076251501. Local number, 59J 27.

LOCATION.--Lat 37°31'25", long 76°25'15", Hydrologic unit 02080102, 1000 ft east of State Highway 3, 0.9 mi north of Piankatank Creek. Owner: Carolyn Wuyts.

AQUIFER.--Upper Potomac aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in., depth 1001 ft, casing 0 to 981 ft, screened 981 to 1001 ft.

INSTRUMENTATION.--Occasional measurement with chalk tape by USGS personnel.

DATUM.--Elevation of land surface datum is 30 ft above sea level, from topographic. Measuring point: Top of casing, 1.28 ft above land surface datum.

PERIOD OF RECORD.--May to September 2000.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 89.13 ft below land-surface datum, May 18, 2000; lowest measured, 89.64 ft below land-surface datum Aug. 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 18	89.13	JUN 27	89.36	AUG 10	89.64
WATER YEAR 2000		HIGHEST	89.13	MAY 18, 2000	LOWEST 89.64
				AUG 10, 2000	

