EXTREMES FOR CURRENT YEAR

Highest water level, 350.63 ft below land-surface datum, June 22; lowest, 345.76 ft above sea level, Aug. 28.

Prior to October 2000, the extremes shown were based on extremes of the daily mean depth in feet above sea level. Since that date, the extremes are based on the instantaneous depth in feet above sea level.

EXTREMES FOR PERIOD OF RECORD

Prior to October 2000, the extremes shown were based on extremes of the daily mean depth in feet above sea level. Since that date, the extremes are based on the instantaneous depth in feet above sea level.

REMARKS

Land-surface datum is 348.18 ft (revised) above sea level. Measuring point: Top of casing, 3.3 ft above land-surface datum.

LOCATION

Lat 39° 59' 47", long 76° 1' 45". Hydrologic Unit 02050306, 50 ft upstream from box culvert on Mentzer Road, 0.2 mi north of the intersection with SR 741, and 0.5 mi northwest of Lampeter.


AQUIFER

Limestone of the Cambro-Ordovician age Conestoga Formation.

WATER-LEVEL RECORDS

WELL CHARACTERISTICS

Drilled observation well, diameter 6 in. steel, depth 63 ft, cased to 19 ft, open hole.

INSTRUMENTATION

Pressure transducer and data logger with 60-minute recording interval.

DATUM

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WATER-QUALITY RECORDS

REMARKS.--Samples collected with submersible pump from recovery water after well was pumped more than 3 times casing volume.

PERIOD OF RECORD.--November 1993 to current year (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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<tr>
<th>DATE</th>
<th>TIME</th>
<th>AGENCY NAME</th>
<th>AGENCY CODE</th>
<th>DEPTH BELOW SURFACE (FEET)</th>
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<th>NITRO-GEN, AMMONIA + NO2+NO3 (MG/L)</th>
<th>NITRO-GEN, NITRITE (MG/L)</th>
<th>PHOS-PHORUS (MG/L)</th>
<th>Fecal strep, KF STRP</th>
<th>ORGANIC DIS-SOLVED WATER</th>
<th>MF</th>
<th>WATER (COL/100 ML)</th>
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