

SULLIVAN COUNTY

413026076352901. Local number, SU 34.

LOCATION.--Lat 41°30'26", long 76°35'29", Hydrologic Unit 02050206, near Forksville.

Owner: U.S. Geological Survey.

AQUIFER.--Catskill Formation, Late Devonian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 50 ft, cased to 34 ft, open hole.

INSTRUMENTATION.--Data collection platform with 60-minute recording interval. Satellite telemetry at station.

DATUM.--Elevation of land surface is 1,060 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.72 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since October 1994, are also available from the USGS Pennsylvania Water Science Center.

PERIOD OF RECORD.--April 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes shown were based on extremes of the daily maximum depth below land-surface datum. Since that date, the extremes are based on the instantaneous depth below land-surface datum.

Highest water level, 7.42 ft below land-surface datum, June 23, 1972; lowest, 31.12 ft below land-surface datum, Sept. 4, 1966.

EXTREMES FOR CURRENT YEAR.--Highest water level, 12.63 ft below land-surface datum, Apr. 3; lowest, 29.72 ft below land-surface datum, Aug. 28.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
MAXIMUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 22.92 | 26.83 | 22.43 | 26.19 | 26.65 | 26.76 | 22.27 | 27.33 | 28.63 | 28.50 | 29.43 | 20.03 |
| 2 | 23.67 | 26.96 | 21.02 | 26.28 | 26.81 | 26.90 | 22.48 | 27.42 | 28.69 | 28.64 | 29.49 | 22.25 |
| 3 | 24.16 | 27.05 | 22.29 | 26.32 | 26.93 | 27.00 | 14.79 | 27.51 | 28.73 | 28.79 | 29.55 | 23.60 |
| 4 | 24.74 | 27.11 | 23.33 | 26.25 | 27.06 | 27.07 | 17.67 | 27.62 | 28.73 | 28.89 | 29.55 | 24.72 |
| 5 | 25.37 | 27.17 | 24.25 | 24.67 | 27.13 | 27.07 | 20.67 | 27.70 | 28.71 | 28.93 | 29.50 | 25.52 |
| 6 | 25.78 | 27.27 | 24.84 | 24.10 | 27.17 | 27.07 | --- | 27.76 | 28.73 | 28.92 | 29.53 | 26.10 |
| 7 | 26.14 | 27.37 | 25.07 | 23.06 | 27.17 | 27.05 | --- | 27.79 | 28.70 | 28.79 | 29.57 | 26.45 |
| 8 | 26.33 | 27.52 | 25.16 | 22.62 | 27.15 | 27.00 | --- | 27.83 | 28.68 | 28.80 | 29.61 | 26.83 |
| 9 | 26.56 | 27.67 | 25.35 | 22.09 | 27.07 | 26.39 | 24.77 | 27.88 | 28.75 | 28.53 | 29.62 | 27.15 |
| 10 | 26.78 | 27.77 | 25.35 | 22.49 | 26.75 | 26.06 | 25.31 | 27.92 | 28.81 | 28.58 | 29.51 | 27.43 |
| 11 | 26.94 | 27.83 | 23.20 | 23.13 | 25.67 | 25.99 | 25.75 | 27.96 | 28.80 | 28.73 | 29.58 | 27.73 |
| 12 | 27.06 | 27.89 | 20.39 | 23.35 | 25.24 | 26.05 | 26.08 | 28.03 | 28.18 | 28.86 | 29.63 | 27.94 |
| 13 | 27.20 | 27.93 | 22.15 | 23.15 | 25.39 | 26.16 | 26.34 | 28.09 | 28.24 | 28.93 | 29.62 | 28.09 |
| 14 | 27.26 | 27.99 | 23.35 | 21.09 | 25.52 | 26.26 | 26.55 | 28.14 | 28.34 | 28.96 | 29.21 | 28.23 |
| 15 | 27.30 | 28.03 | 24.24 | 18.29 | 25.47 | 26.40 | 26.78 | 28.14 | 28.42 | 29.00 | 28.32 | 28.33 |
| 16 | 27.22 | 28.06 | 24.82 | 20.85 | 24.33 | 26.51 | 26.94 | 28.14 | 28.47 | 29.05 | 28.56 | 28.42 |
| 17 | 26.90 | 28.08 | 25.30 | 22.43 | 23.99 | 26.61 | 27.06 | 28.21 | 28.48 | 29.05 | 28.81 | 28.48 |
| 18 | 26.90 | 28.08 | 25.63 | 23.45 | 24.42 | 26.66 | 27.17 | 28.28 | 28.51 | 28.97 | 28.99 | 28.54 |
| 19 | 26.91 | 28.09 | 25.94 | 24.19 | 24.87 | 26.66 | 27.27 | 28.34 | 28.60 | 28.96 | 29.11 | 28.62 |
| 20 | 25.72 | 28.10 | 26.17 | 24.67 | 25.18 | 26.63 | 27.36 | 28.38 | 28.73 | 28.96 | 29.12 | 28.65 |
| 21 | 24.18 | 28.11 | 26.28 | 25.10 | 25.47 | 26.60 | 27.46 | 28.42 | 28.78 | 29.04 | 29.22 | 28.73 |
| 22 | 24.46 | 28.13 | 26.42 | 25.26 | 25.74 | 26.57 | 27.53 | 28.47 | 28.84 | 29.10 | 29.31 | 28.82 |
| 23 | 24.81 | 28.15 | 26.48 | 25.39 | 25.98 | 26.47 | 27.55 | 28.49 | 28.90 | 29.15 | 29.43 | 28.92 |
| 24 | 25.17 | 28.15 | 25.03 | 25.43 | 26.10 | 26.47 | 27.49 | 28.51 | 28.97 | 29.21 | 29.52 | 28.99 |
| 25 | 25.47 | 28.05 | 23.75 | 25.52 | 26.27 | 26.41 | 27.19 | 28.53 | 29.03 | 29.24 | 29.60 | 29.05 |
| 26 | 25.73 | 25.89 | 24.10 | 25.68 | 26.43 | 26.13 | 27.11 | 28.55 | 29.08 | 29.27 | 29.64 | 29.06 |
| 27 | 25.99 | 24.17 | 24.58 | 25.88 | 26.56 | 25.35 | 27.16 | 28.57 | 29.11 | 29.27 | 29.69 | 29.00 |
| 28 | 26.21 | 24.22 | 25.02 | 26.06 | 26.65 | 24.52 | 27.20 | 28.57 | 28.91 | 29.16 | 29.72 | 28.75 |
| 29 | 26.35 | 21.03 | 25.35 | 26.19 | --- | 19.47 | 27.26 | 28.58 | 28.92 | 29.25 | 29.71 | 28.81 |
| 30 | 26.49 | 22.29 | 25.71 | 26.31 | --- | 18.92 | 27.31 | 28.60 | 28.75 | 29.31 | 29.63 | 28.75 |
| 31 | 26.67 | --- | 25.97 | 26.46 | --- | 21.09 | --- | 28.59 | --- | 29.38 | 27.64 | --- |
| MEAN | 25.92 | 27.03 | 24.48 | 24.26 | 26.04 | 25.82 | 25.50 | 28.14 | 28.71 | 28.97 | 29.34 | 27.40 |
| MAX | 27.30 | 28.15 | 26.48 | 26.46 | 27.17 | 27.07 | 27.55 | 28.60 | 29.11 | 29.38 | 29.72 | 29.06 |
| MIN | 22.92 | 21.03 | 20.39 | 18.29 | 23.99 | 18.92 | 14.79 | 27.33 | 28.18 | 28.50 | 27.64 | 20.03 |

