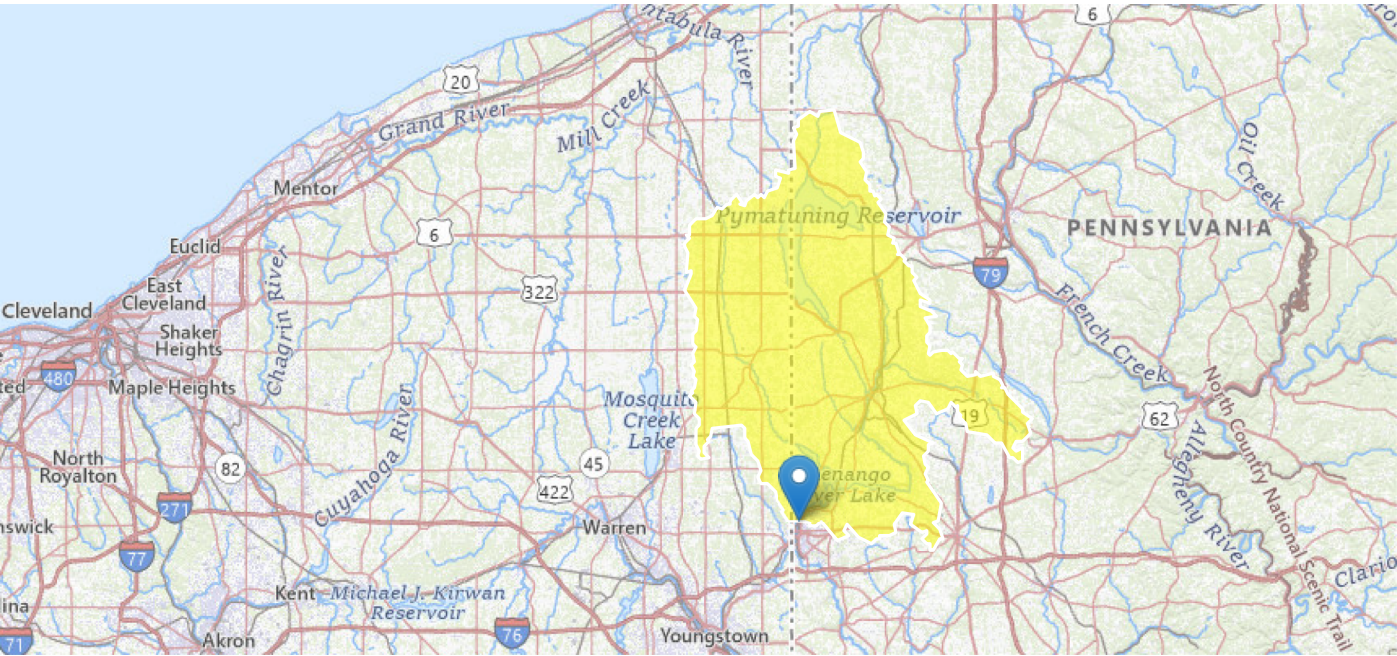


StreamStats Report

Region ID: PA
Clicked Point (Latitude, Longitude): 41.24419, -80.50852
Time: 2026-04-06 17:58:04 -0400



StreamStats Update

Starting with version 4.30.0, the StreamStats application uses services that were redeveloped with open-source software components. Users may observe minor variations in computed results when compared to those from previous versions. These differences are expected and do not reflect errors in the underlying data or analytical methods. Users are advised to consider these potential variations when interpreting or comparing results generated across different versions of StreamStats. Please email streamstats@usgs.gov with any questions or concerns. A full list of changes can be found at <https://www.usgs.gov/streamstats/news/streamstats-data-updates-open-source-code-release> (<https://www.usgs.gov/streamstats/news/streamstats-data-updates-open-source-code-release>).

+ Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
BSLPDRPA20	Unadjusted basin slope, in degrees, from PA v1	2.3324	degrees
DRNAREA	Area that drains to a point on a stream	606	square miles

➤ Peak-Flow Statistics

Peak-Flow Statistics Parameters [Peak Flow Region 5 SIR 2019 5094]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
BSLPDRPA20	BSLPDRPA20	2.3324	degrees	1.55	6.82
DRNAREA	Drainage Area	606	square miles	2.27	1030

Peak-Flow Statistics Flow Report [Peak Flow Region 5 SIR 2019 5094]

PIL: Lower 90% Prediction Interval, PIU: Upper 90% Prediction Interval, ASEp: Average Standard Error of Prediction, SE: Standard Error, PC: Percent Correct, RMSE: Root Mean Squared Error, PseudoR²: Pseudo R Squared (other -- see report)

Statistic	Value	Unit	ASEp
50-percent AEP flood	9190	ft ³ /s	33.9
20-percent AEP flood	12500	ft ³ /s	32.5
10-percent AEP flood	14700	ft ³ /s	31.8
4-percent AEP flood	17600	ft ³ /s	31.9
2-percent AEP flood	19700	ft ³ /s	32.2
1-percent AEP flood	21900	ft ³ /s	32.2
0.5-percent AEP flood	24100	ft ³ /s	34.8
0.2-percent AEP flood	27000	ft ³ /s	36.7

Peak-Flow Statistics Citations

Roland, M.A., and Stuckey, M.H., 2019, Development of regression equations for the estimation of flood flows at ungaged streams in Pennsylvania: U.S. Geological Survey Scientific Investigations Report 2019–5094, 36 p. (<https://doi.org/10.3133/sir20195094>)

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Application Version: 4.32.0

SSHydro Services Version: 1.2.0

SSDelineate Services Version: 1.1.0

NSS Services Version: 2.2.1

GageStats Services Version: 1.2.1

Pourpoint Services Version: 1.2.0

Batch Processor Version: 1.6.1