

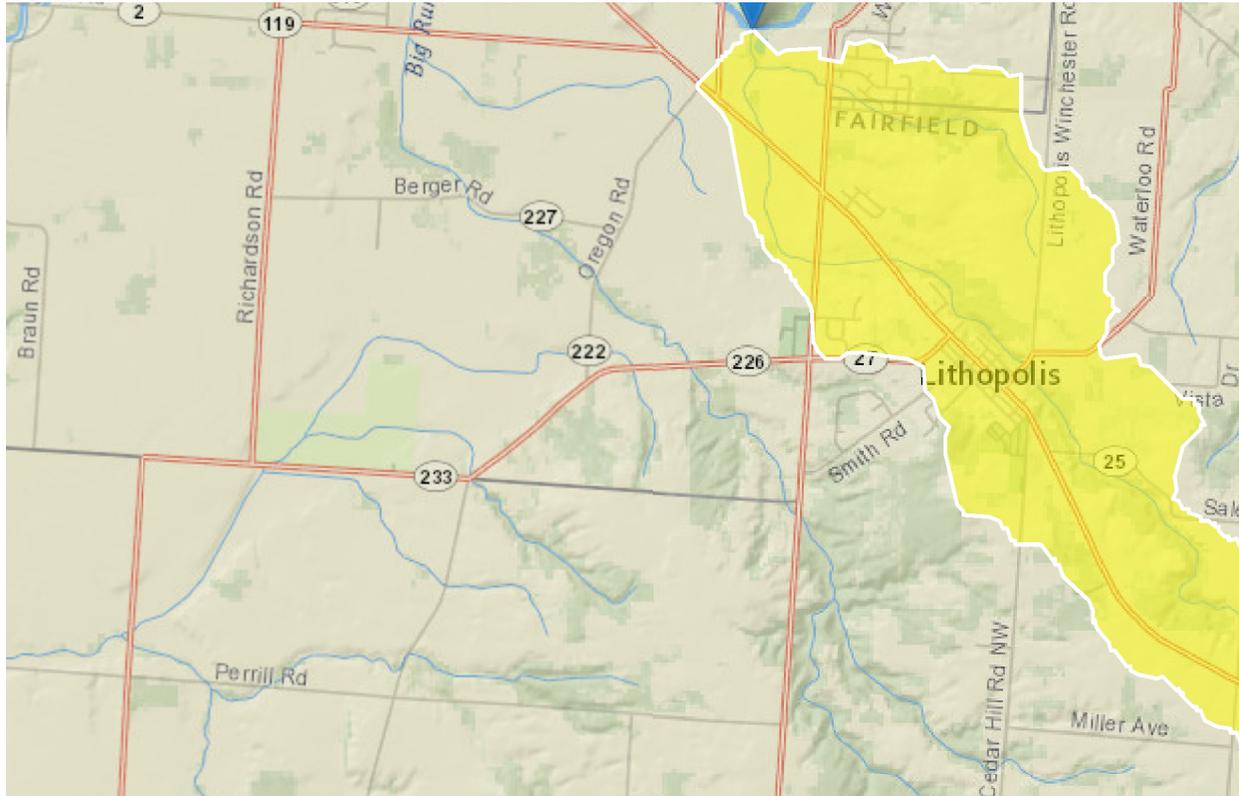
StreamStats Report

Region ID: OH

Workspace ID: OH20191121133834053000

Clicked Point (Latitude, Longitude): 39.82616, -82.82826

Time: 2019-11-21 08:38:50 -0500



Basin Characteristics

| Parameter Code | Parameter Description | Value | Unit |
|----------------|--|-------|---------------|
| DRNAREA | Area that drains to a point on a stream | 3.83 | square miles |
| OHREGC | Ohio Region C Indicator | 0 | dimensionless |
| OHREGA | Ohio Region A Indicator | 1 | dimensionless |
| CSL1085LFP | Change in elevation divided by length between points 10 and 85 percent of distance along the longest flow path to the basin divide, LFP from 2D grid | 68 | feet per mi |

| Parameter Code | Parameter Description | Value | Unit |
|-----------------------|--|--------------|-------------|
| LC92STOR | Percentage of water bodies and wetlands determined from the NLCD | 0.43 | percent |

Peak-Flow Statistics Parameters^[Peak Flow Full Model Reg A SIR2019 5018]

| Parameter Code | Parameter Name | Value | Units | Min Limit | Max Limit |
|-----------------------|--|--------------|---------------|------------------|------------------|
| DRNAREA | Drainage Area | 3.83 | square miles | 0.04 | 5989 |
| OHREGC | Ohio Region C Indicator 1 if in C else 0 | 0 | dimensionless | 0 | 1 |
| OHREGA | Ohio Region A Indicator 1 if in A else 0 | 1 | dimensionless | 0 | 1 |
| CSL1085LFP | Stream Slope 10 and 85 Longest Flow Path | 68 | feet per mi | 1.53 | 516 |
| LC92STOR | Percent Storage from NLCD1992 | 0.43 | percent | 0 | 25.35 |

Peak-Flow Statistics Flow Report^[Peak Flow Full Model Reg A SIR2019 5018]

PII: Prediction Interval-Lower, Plu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

| Statistic | Value | Unit | PII | Plu | SEp |
|---------------------|--------------|--------------------|------------|------------|------------|
| 2 Year Peak Flood | 337 | ft ³ /s | 178 | 639 | 40.2 |
| 5 Year Peak Flood | 604 | ft ³ /s | 341 | 1070 | 37.2 |
| 10 Year Peak Flood | 821 | ft ³ /s | 450 | 1500 | 37.6 |
| 25 Year Peak Flood | 1140 | ft ³ /s | 619 | 2100 | 38.1 |
| 50 Year Peak Flood | 1400 | ft ³ /s | 755 | 2610 | 37.8 |
| 100 Year Peak Flood | 1690 | ft ³ /s | 898 | 3180 | 39.6 |
| 500 Year Peak Flood | 2440 | ft ³ /s | 1280 | 4640 | 40.3 |

Peak-Flow Statistics Citations

**Koltun, G.F.,2019, Flood-frequency estimates for Ohio streamgages based on data through water year 2015 and techniques for estimating flood-frequency characteristics of rural, unregulated Ohio streams: U.S. Geological Survey Scientific Investigations Report 2019–5018, 25 p.
(<https://dx.doi.org/10.3133/sir20195018>)**

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Application Version: 4.3.8