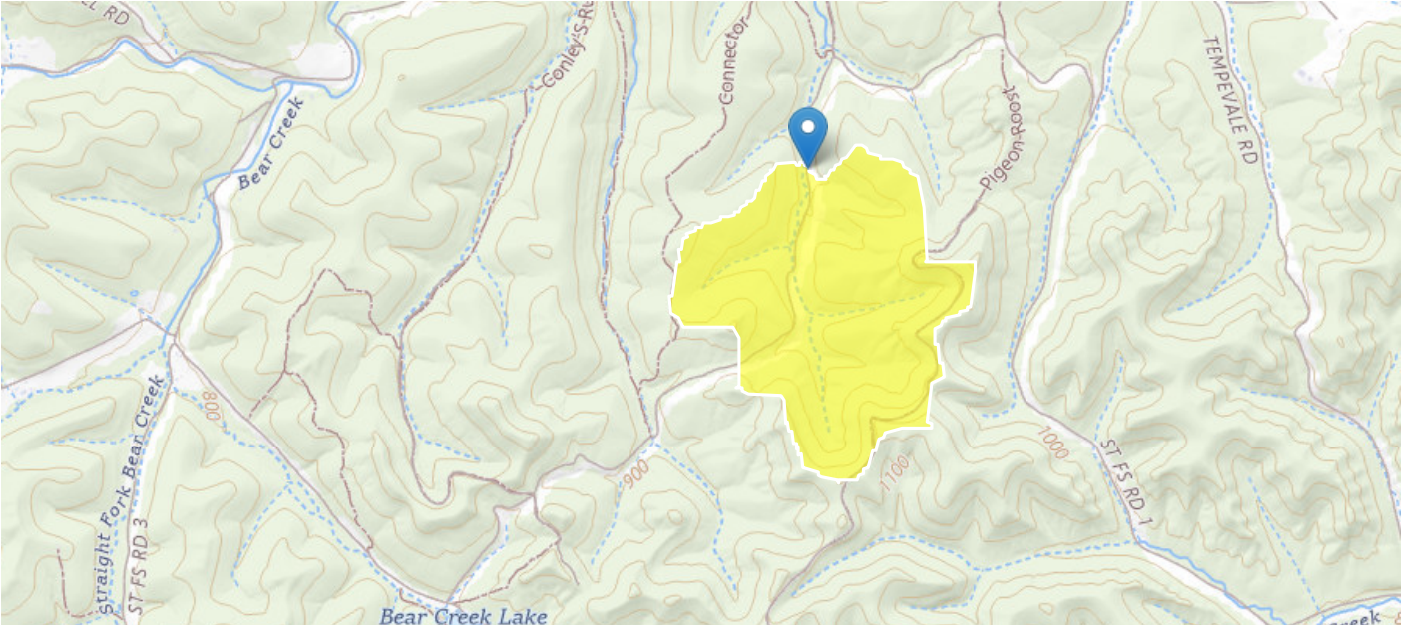


StreamStats Report - SFN 7326637

Region ID: OH
Workspace ID: OH20250513131054982000
Clicked Point (Latitude, Longitude): 38.80026, -83.15662
Time: 2025-05-13 09:11:30 -0400



+ Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
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	271	feet per mi
DRNAREA	Area that drains to a point on a stream	0.54	square miles
FOREST	Percentage of area covered by forest	99.9	percent
LAT_CENT	Latitude of Basin Centroid	38.7945	decimal degrees
LC92STOR	Percentage of water bodies and wetlands determined from the NLCD	0	percent
OHREGA	Ohio Region A Indicator	1	dimensionless
OHREGC	Ohio Region C Indicator	0	dimensionless
PRECIPCENT	Mean Annual Precip at Basin Centroid	42.3	inches
STREAM_VARG	Streamflow variability index as defined in WRIR 02-4068, computed from regional grid	0.86	dimensionless

➤ Peak-Flow Statistics

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

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
CSL1085LFP	Stream Slope 10 and 85 Longest Flow Path	271	feet per mi	1.53	516
DRNAREA	Drainage Area	0.54	square miles	0.04	5989
LC92STOR	Percent Storage from NLCD1992	0	percent	0	25.35
OHREGA	Ohio Region A Indicator 1 if in A else 0	1	dimensionless	0	1
OHREGC	Ohio Region C Indicator 1 if in C else 0	0	dimensionless	0	1

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

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	PIL	PIU	ASEp
50-percent AEP flood	95.6	ft ³ /s	49.9	183	40.1
20-percent AEP flood	189	ft ³ /s	103	347	37.2
10-percent AEP flood	270	ft ³ /s	146	499	37.6
4-percent AEP flood	394	ft ³ /s	211	735	38.1
2-percent AEP flood	500	ft ³ /s	265	944	37.8
1-percent AEP flood	616	ft ³ /s	322	1180	39.6
0.2-percent AEP flood	932	ft ³ /s	481	1810	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>)

➤ Monthly Flow Statistics

Monthly Flow Statistics Parameters [Low Flow LatLE 41.2 wri02 4068]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.54	square miles	0.12	7422
FOREST	Percent Forest	99.9	percent	0	99.1
LAT_CENT	Latitude of Basin Centroid	38.7945	decimal degrees	38.68	41.2
LC92STOR	Percent Storage from NLCD1992	0	percent	0	19
PRECIPCENT	Mean Annual Precip at Basin Centroid	42.3	inches	34	43.2
STREAM_VARG	Streamflow Variability Index from Grid	0.86	dimensionless	0.25	1.13

Monthly Flow Statistics Disclaimers [Low Flow LatLE 41.2 wri02 4068]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Monthly Flow Statistics Flow Report [Low Flow LatLE 41.2 wri02 4068]

Statistic	Value	Unit
January Mean Flow	0.866	ft^3/s
February Mean Flow	1.26	ft^3/s
March Mean Flow	1.34	ft^3/s
April Mean Flow	1.28	ft^3/s
May Mean Flow	0.984	ft^3/s
June Mean Flow	0.391	ft^3/s
July Mean Flow	0.188	ft^3/s
August Mean Flow	0.159	ft^3/s
September Mean Flow	0.109	ft^3/s
October Mean Flow	0.0717	ft^3/s
November Mean Flow	0.275	ft^3/s
December Mean Flow	0.677	ft^3/s

Monthly Flow Statistics Citations

Koltun, G. F., and Whitehead, M. T.,2002, Techniques for Estimating Selected Streamflow Characteristics of Rural, Unregulated Streams in Ohio: U. S. Geological Survey Water-Resources Investigations Report 02-4068, 50 p (<https://pubs.er.usgs.gov/publication/wri024068>)

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Application Version: 4.28.1

StreamStats Services Version: 1.2.22

NSS Services Version: 2.2.1