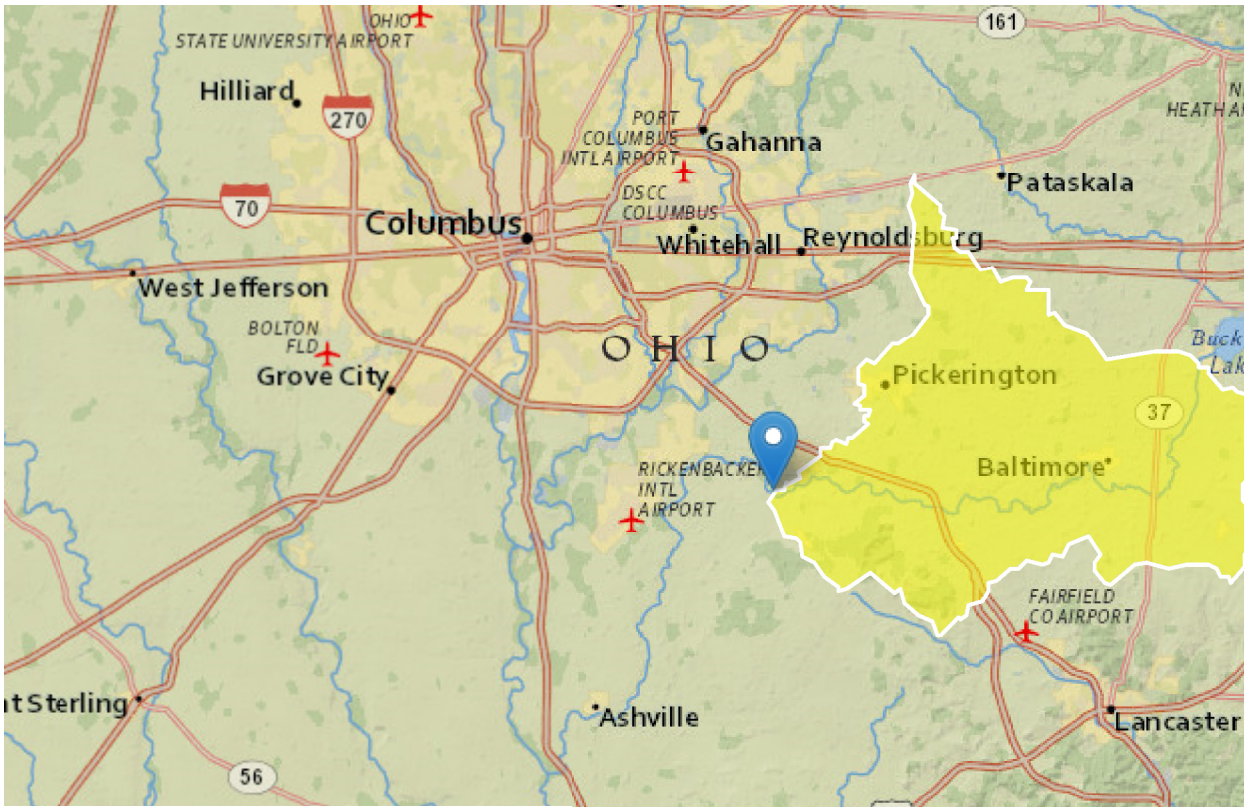
StreamStats Report

Region ID: OH
Workspace ID: OH20191121133539236000
Clicked Point (Latitude, Longitude): 39.82815, -82.83086
Time: 2019-11-21 08:35:56 -0500



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	153	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	6.04	feet per mi

Parameter Code	Parameter Description	Value	Unit
LC92STOR	Percentage of water bodies and wetlands determined from the NLCD	0.31	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	153	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	6.04	feet per mi	1.53	516
LC92STOR	Percent Storage from NLCD1992	0.31	percent	0	25.35

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

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

Statistic	Value	Unit	PII	PIu	SEp
2 Year Peak Flood	4100	ft^3/s	2170	7730	40.2
5 Year Peak Flood	6350	ft^3/s	3520	11500	37.2
10 Year Peak Flood	8050	ft^3/s	4440	14600	37.6
25 Year Peak Flood	10400	ft^3/s	5700	19000	38.1
50 Year Peak Flood	12300	ft^3/s	6670	22700	37.8
100 Year Peak Flood	14300	ft^3/s	7670	26600	39.6
500 Year Peak Flood	19400	ft^3/s	10300	36400	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)

Application Version: 4.3.8