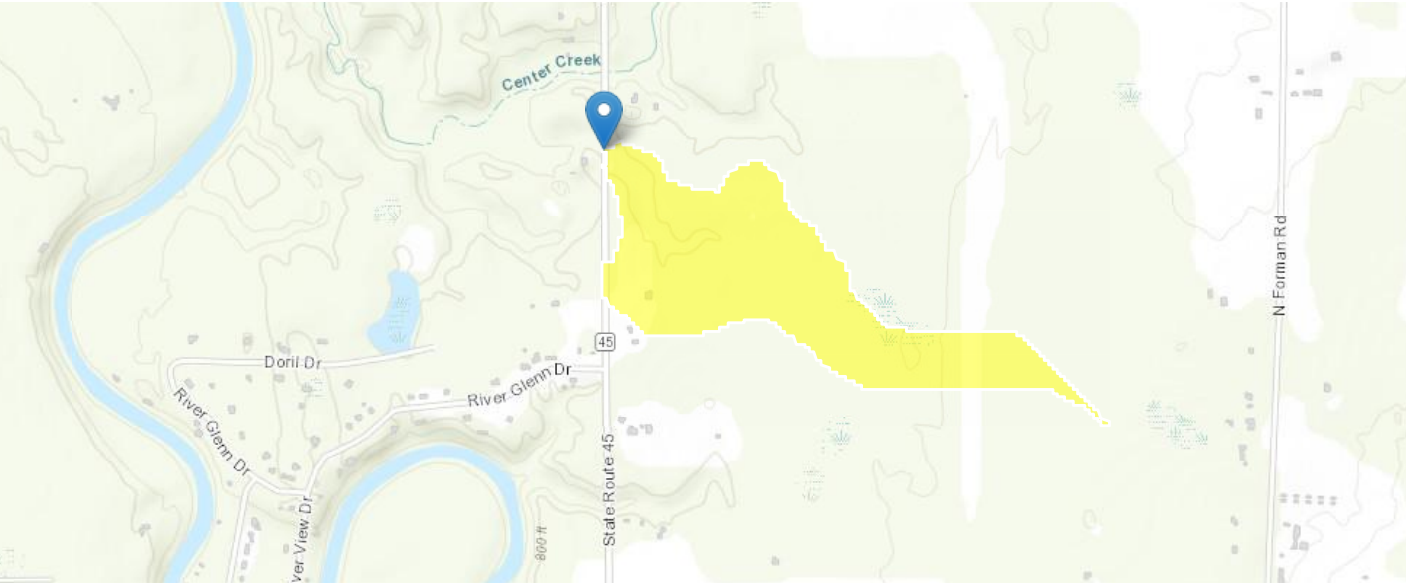


StreamStats Report – ATB-45-17.196

Region ID: OH
Workspace ID: OH20241104143538302000
Clicked Point (Latitude, Longitude): 41.74821, -80.85462
Time: 2024-11-04 09:36:01 -0500



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	54.8	feet per mi
DRNAREA	Area that drains to a point on a stream	0.11	square miles
LC92STOR	Percentage of water bodies and wetlands determined from the NLCD	18.3	percent
LFPLENGTH	Length of longest flow path	1.02	miles
OHREGA	Ohio Region A Indicator	1	dimensionless
OHREGC	Ohio Region C Indicator	0	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
DRNAREA	Drainage Area	0.11	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	54.8	feet per mi	1.53	516
LC92STOR	Percent Storage from NLCD1992	18.3	percent	0	25.35

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	14.5	ft ³ /s	7.46	28.2	40.1
20-percent AEP flood	24.2	ft ³ /s	13	45	37.2
10-percent AEP flood	31.6	ft ³ /s	16.9	59.2	37.6
4-percent AEP flood	42	ft ³ /s	22.2	79.5	38.1
2-percent AEP flood	50.4	ft ³ /s	26.3	96.8	37.8
1-percent AEP flood	59.5	ft ³ /s	30.6	116	39.6
0.2-percent AEP flood	82.8	ft ³ /s	41.8	164	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: 4.24.0

StreamStats Services Version: 1.2.22

NSS Services Version: 2.2.1