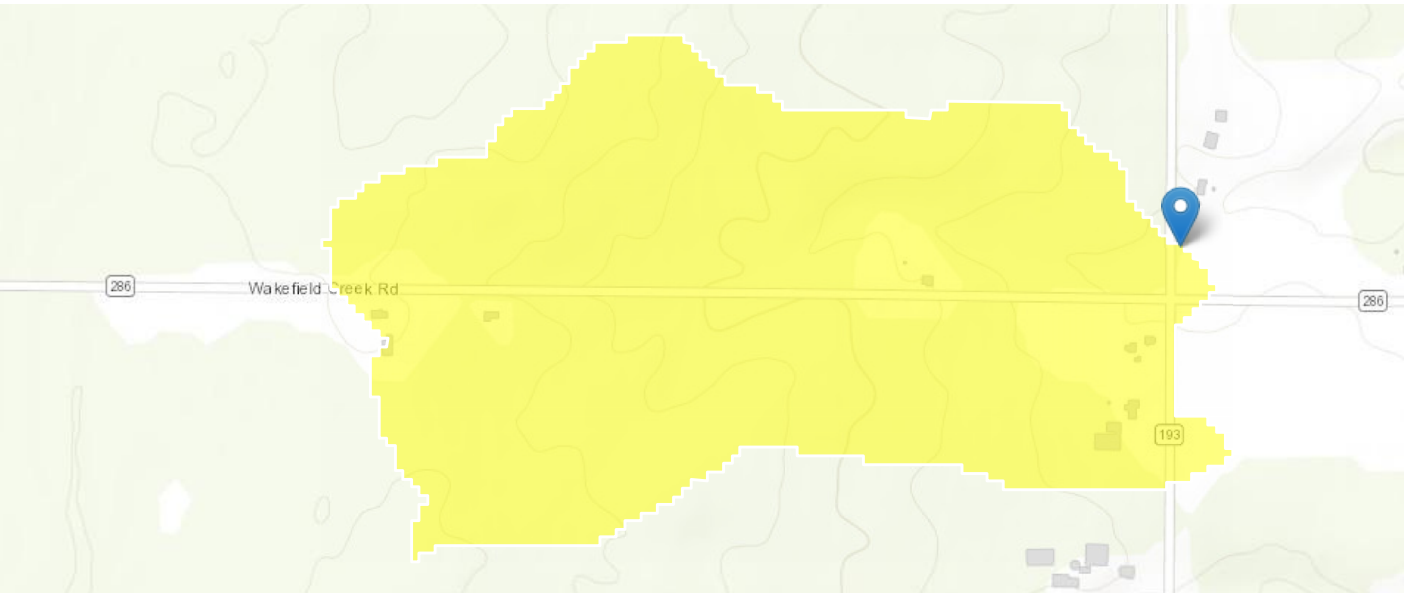


StreamStats Report – TRU-193-23.897

Region ID: OH
Workspace ID: OH20241104151350357000
Clicked Point (Latitude, Longitude): 41.47769, -80.66525
Time: 2024-11-04 10:14:13 -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	106	feet per mi
DRNAREA	Area that drains to a point on a stream	0.18	square miles
LC92STOR	Percentage of water bodies and wetlands determined from the NLCD	0	percent
LFPLENGTH	Length of longest flow path	0.76	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	0.18	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	106	feet per mi	1.53	516
LC92STOR	Percent Storage from NLCD1992	0	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	34.8	ft ³ /s	18.3	66.1	40.1
20-percent AEP flood	67.3	ft ³ /s	37	122	37.2
10-percent AEP flood	95.2	ft ³ /s	52	174	37.6
4-percent AEP flood	138	ft ³ /s	74.7	255	38.1
2-percent AEP flood	174	ft ³ /s	93.1	325	37.8
1-percent AEP flood	214	ft ³ /s	113	404	39.6
0.2-percent AEP flood	322	ft ³ /s	168	616	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