



Ohio StreamStats

Streamstats Ungaged Site Report

Date: Tue May 8 2012 07:22:38 Mountain Daylight Time
 Site Location: Ohio
 NAD27 Latitude: 41.7682 (41 46 06)
 NAD27 Longitude: -81.0733 (-81 04 24)
 NAD83 Latitude: 41.7683 (41 46 06)
 NAD83 Longitude: -81.0731 (-81 04 23)
 Drainage Area: 0.56 mi2

Peak Flows Basin Characteristics			
100% Peak Flow Full Model (0.56 mi2)			
Parameter	Value	Regression Equation Valid Range	
		Min	Max
Drainage Area (square miles)	0.56	0.01	7422
Ohio Region C Indicator 1 if in C else 0 (dimensionless)	0	0	1
Ohio Region A Indicator 1 if in A else 0 (dimensionless)	1	0	1
Stream Slope 10 and 85 Longest Flow Path (feet per mi)	58	1.53	674
Percent Storage from NLCD (percent)	9.71	0	25.8

Mean and Percentile Basin Characteristics			
Y coordinate (latitude) of the centroid in decimal degrees=41.7596			
100% Low Flow Latitude GT 41.2 (0.56 mi2)			
Parameter	Value	Regression Equation Valid Range	
		Min	Max
Drainage Area (square miles)	0.56	0.12	7422
Percent Forest (percent)	53.4	0	99.1
Percent Storage from NLCD (percent)	9.71	0	19
Mean Annual Precipitation (inches)	37.1	34	43.2
Streamflow Variability Index (dimensionless)	0.78	0.25	1.13
Latitude of Basin Centroid (decimal degrees)	41.7597 (above max value 41.59)	41.2	41.59
Longitude of Basin Centroid (decimal degrees)	81.0751	80.53	84.6

Warning: Some parameters are outside the suggested range. Estimates will be extrapolations with unknown errors.

Peak Flows Streamflow Statistics					
Statistic	Flow (ft ³ /s)	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum
PK2	49.6	37	2.1	23.6	104
PK5	82.1	35	3.3	40.6	166
PK10	105	34	4.4	51.6	213
PK25	134	35	5.9	64.2	280
PK50	155	37	6.8	72.2	333
PK100	176	38	7.5	79.4	392
PK500	226	42	8.6	93.2	547

Mean and Percentile Streamflow Statistics					
Statistic	Flow (ft ³ /s)	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum
Q1	0.91				
Q2	1.29				
Q3	1.38				
Q4	1.19				
Q5	0.71				

Q6	0.32				
Q7	0.17				
Q8	0.12				
Q9	0.0808				
QA	0.6				
Q10	0.22				
Q11	0.49				
Q12	0.91				
QAH	0.0398				
FPS25	0.0743				
FPS50	0.23				
FPS75	0.65				