

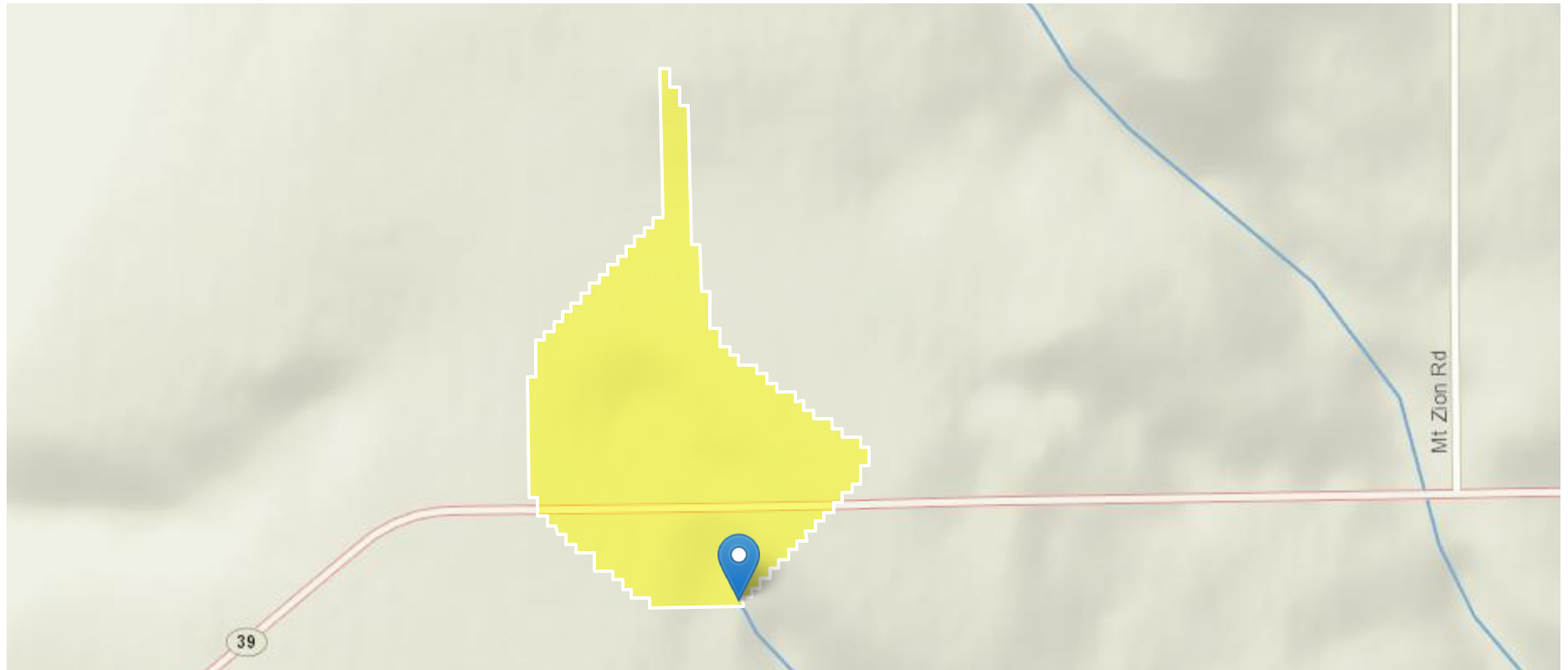
119666; RIC-39-24.23 StreamStats Report

Region ID: OH

Workspace ID: OH20241018135329285000

Clicked Point (Latitude, Longitude): 40.71107, -82.39151

Time: 2024-10-18 09:53:50 -0400



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➤ 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	124	feet per mi
DRNAREA	Area that drains to a point on a stream	0.0375	square miles
FOREST	Percentage of area covered by forest	9.27	percent
LAT_CENT	Latitude of Basin Centroid	40.7128	decimal degrees
LC92STOR	Percentage of water bodies and wetlands determined from the NLCD	0	percent
LONG_CENT	Longitude Basin Centroid	-82.3923	decimal degrees
LONG_OUT	Longitude of Basin Outlet	-82.391518	degrees
OH_SVI2024	Mapped Ohio Streamflow Variability Index as defined in SIR 2024-5075	0.53	Log base 10
OHREGA	Ohio Region A Indicator	1	dimensionless
OHREGC	Ohio Region C Indicator	0	dimensionless
PRECIPCENT	Mean Annual Precip at Basin Centroid	36	inches
STREAM_VARG	Streamflow variability index as defined in WRIR 02-4068, computed from regional grid	0.55	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	0.0375	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	124	feet per mi	1.53	516
LC92STOR	Percent Storage from NLCD1992	0	percent	0	25.35

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

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

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

Statistic	Value	Unit
50-percent AEP flood	10.5	ft ³ /s
20-percent AEP flood	20.9	ft ³ /s
10-percent AEP flood	29.9	ft ³ /s
4-percent AEP flood	43.9	ft ³ /s
2-percent AEP flood	55.9	ft ³ /s
1-percent AEP flood	69.4	ft ³ /s
0.2-percent AEP flood	106	ft ³ /s

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>)

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Statewide annual one day ten year low flow with SVI less than or equal to 0.71 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Low-Flow Statistics Parameters [Statewide annual seven day ten year low flow with SVI less than or equal to 0.73 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Low-Flow Statistics Parameters [Statewide annual thirty day ten year low flow with SVI less than or equal to 0.85 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Low-Flow Statistics Parameters [Statewide annual ninety day ten year low flow with SVI less than or equal to 1.02 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Low-Flow Statistics Disclaimers [Statewide annual one day ten year low flow with SVI less than or equal to 0.71 from SIR 2024-5075]

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

Low-Flow Statistics Flow Report [Statewide annual one day ten year low flow with SVI less than or equal to 0.71 from SIR 2024-5075]

Statistic	Value	Unit
1 Day 10 Year Low Flow	0.00087	ft^3/s

Low-Flow Statistics Disclaimers [Statewide annual seven day ten year low flow with SVI less than or equal to 0.73 from SIR 2024-5075]

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

Low-Flow Statistics Flow Report [Statewide annual seven day ten year low flow with SVI less than or equal to 0.73 from SIR 2024-5075]

Statistic	Value	Unit
7 Day 10 Year Low Flow	0.00106	ft^3/s

Low-Flow Statistics Disclaimers [Statewide annual thirty day ten year low flow with SVI less than or equal to 0.85 from SIR 2024-5075]

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

Low-Flow Statistics Flow Report [Statewide annual thirty day ten year low flow with SVI less than or equal to 0.85 from SIR 2024-5075]

Statistic	Value	Unit
30 Day 10 Year Low Flow	0.00176	ft^3/s

Low-Flow Statistics Disclaimers [Statewide annual ninety day ten year low flow with SVI less than or equal to 1.02 from SIR 2024-5075]

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

Low-Flow Statistics Flow Report [Statewide annual ninety day ten year low flow with SVI less than or equal to 1.02 from SIR 2024-5075]

Statistic	Value	Unit
90 Day 10 Year Low Flow	0.00326	ft^3/s

Low-Flow Statistics Flow Report [Area-Averaged]

Statistic	Value	Unit
1 Day 10 Year Low Flow	0.00087	ft^3/s
7 Day 10 Year Low Flow	0.00106	ft^3/s
30 Day 10 Year Low Flow	0.00176	ft^3/s

Statistic	Value	Unit
90 Day 10 Year Low Flow	0.00326	ft^3/s

Low-Flow Statistics Citations

Branden L. VonIns and G.F. Koltun2024, Methods for Estimating Selected Low-Flow Statistics for Ungaged Locations in Ohio and Low-Flow Statistics Computed for Streamflow Gages in Ohio, Water Years 1975–2020; U.S. Geological Survey Scientific Information Report 2024-5075 (<https://pubs.usgs.gov/sir20245075>)

➤ Flow-Duration Statistics

Flow-Duration Statistics Parameters [Statewide 80% duration flow from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0	1.817873
LONG_OUT	Longitude of Basin Outlet	-82.391518	decimal degrees	-86.0944222	-79.7825507

Flow-Duration Statistics Disclaimers [Statewide 80% duration flow from SIR 2024-5075]

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

Flow-Duration Statistics Flow Report [Statewide 80% duration flow from SIR 2024-5075]

Statistic	Value	Unit
80 Percent Duration	1.88	ft^3/s

Flow-Duration Statistics Citations

Branden L. VonIns and G.F. Koltun2024, Methods for Estimating Selected Low-Flow Statistics for Ungaged Locations in Ohio and Low-Flow Statistics Computed for Streamflow Gages in Ohio, Water Years 1975–2020; U.S. Geological Survey Scientific Information Report 2024-5075 (<https://pubs.usgs.gov/sir20245075>)

➤ Annual Flow Statistics

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

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.12	7422
LAT_CENT	Latitude of Basin Centroid	40.7128	decimal degrees	38.68	41.2
PRECIPCENT	Mean Annual Precip at Basin Centroid	36	inches	34	43.2

Annual 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.

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

Statistic	Value	Unit
Mean Annual Flow	0.0339	ft^3/s

Annual 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>)

➤ 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	0.0375	square miles	0.12	7422
LC92STOR	Percent Storage from NLCD1992	0	percent	0	19
PRECIPCENT	Mean Annual Precip at Basin Centroid	36	inches	34	43.2
FOREST	Percent Forest	9.27	percent	0	99.1
LAT_CENT	Latitude of Basin Centroid	40.7128	decimal degrees	38.68	41.2
STREAM_VARG	Streamflow Variability Index from Grid	0.55	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	0.0437	ft ³ /s
February Mean Flow	0.0646	ft ³ /s
March Mean Flow	0.067	ft ³ /s
April Mean Flow	0.0673	ft ³ /s
May Mean Flow	0.0388	ft ³ /s
June Mean Flow	0.026	ft ³ /s
July Mean Flow	0.0164	ft ³ /s

Statistic	Value	Unit
August Mean Flow	0.00963	ft^3/s
September Mean Flow	0.00525	ft^3/s
October Mean Flow	0.00648	ft^3/s
November Mean Flow	0.0141	ft^3/s
December Mean Flow	0.0324	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>)

➤ Seasonal Flow Statistics

Seasonal Flow Statistics Parameters [Statewide May to November one day ten year low flow with SVI less than or equal to 0.71 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Seasonal Flow Statistics Parameters [Statewide May to November seven day ten year low flow with SVI less than or equal to 0.73 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Seasonal Flow Statistics Parameters [Statewide May to November thirty day ten year low flow with SVI less than or equal to 0.86 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Seasonal Flow Statistics Parameters [Statewide May to November ninety day ten year low flow with SVI less than or equal to 1.02 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	41	1.23

Seasonal Flow Statistics Parameters [Statewide September to November one day ten year low flow with SVI less than or equal to 0.73 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Seasonal Flow Statistics Parameters [Statewide September to November seven day ten year low flow with SVI less than or equal to 0.74 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Seasonal Flow Statistics Parameters [Statewide September to November thirty day ten year low flow with SVI less than or equal to 0.94 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

Seasonal Flow Statistics Parameters [Statewide September to November ninety day ten year low flow from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0	1.817873
LONG_OUT	Longitude of Basin Outlet	-82.391518	decimal degrees	-86.0944222	-79.7825507

Seasonal Flow Statistics Parameters [Statewide December to February low flows from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0	1.817873
LONG_OUT	Longitude of Basin Outlet	-82.391518	decimal degrees	-86.0944222	-79.7825507

Seasonal Flow Statistics Disclaimers [Statewide May to November one day ten year low flow with SVI less than or equal

to 0.71 from SIR 2024-5075]

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

Seasonal Flow Statistics Flow Report [Statewide May to November one day ten year low flow with SVI less than or equal to 0.71 from SIR 2024-5075]

Statistic	Value	Unit
1 Day 10 Year lowflow May to Nov	0.00087	ft^3/s

Seasonal Flow Statistics Disclaimers [Statewide May to November seven day ten year low flow with SVI less than or equal to 0.73 from SIR 2024-5075]

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

Seasonal Flow Statistics Flow Report [Statewide May to November seven day ten year low flow with SVI less than or equal to 0.73 from SIR 2024-5075]

Statistic	Value	Unit
7 Day 10 Year lowflow May to Nov	0.00106	ft^3/s

Seasonal Flow Statistics Disclaimers [Statewide May to November thirty day ten year low flow with SVI less than or equal to 0.86 from SIR 2024-5075]

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

Seasonal Flow Statistics Flow Report [Statewide May to November thirty day ten year low flow with SVI less than or equal to 0.86 from SIR 2024-5075]

Statistic	Value	Unit
30 Day 10 Year lowflow May to Nov	0.00177	ft^3/s

Seasonal Flow Statistics Disclaimers [Statewide May to November ninety day ten year low flow with SVI less than or equal to 1.02 from SIR 2024-5075]

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

Seasonal Flow Statistics Flow Report [Statewide May to November ninety day ten year low flow with SVI less than or equal to 1.02 from SIR 2024-5075]

Statistic	Value	Unit
90 Day 10 Year lowflow May to Nov	0.00327	ft^3/s

Seasonal Flow Statistics Disclaimers [Statewide September to November one day ten year low flow with SVI less than or equal to 0.73 from SIR 2024-5075]

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

Seasonal Flow Statistics Flow Report [Statewide September to November one day ten year low flow with SVI less than or equal to 0.73 from SIR 2024-5075]

Statistic	Value	Unit
1 Day 10 Year lowflow Sep to Nov	0.00098	ft^3/s

Seasonal Flow Statistics Disclaimers [Statewide September to November seven day ten year low flow with SVI less than

or equal to 0.74 from SIR 2024-5075]

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

Seasonal Flow Statistics Flow Report [Statewide September to November seven day ten year low flow with SVI less than or equal to 0.74 from SIR 2024-5075]

Statistic	Value	Unit
7 Day 10 Year lowflow Sep to Nov	0.0012	ft^3/s

Seasonal Flow Statistics Disclaimers [Statewide September to November thirty day ten year low flow with SVI less than or equal to 0.94 from SIR 2024-5075]

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

Seasonal Flow Statistics Flow Report [Statewide September to November thirty day ten year low flow with SVI less than or equal to 0.94 from SIR 2024-5075]

Statistic	Value	Unit
30 Day 10 Year lowflow Sep to Nov	0.00218	ft^3/s

Seasonal Flow Statistics Disclaimers [Statewide September to November ninety day ten year low flow from SIR 2024-5075]

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

Seasonal Flow Statistics Flow Report [Statewide September to November ninety day ten year low flow from SIR 2024-5075]

Statistic	Value	Unit
90 Day 10 Year lowflow Sep to Nov	3.5	ft^3/s

Seasonal Flow Statistics Disclaimers [Statewide December to February low flows from SIR 2024-5075]

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

Seasonal Flow Statistics Flow Report [Statewide December to February low flows from SIR 2024-5075]

Statistic	Value	Unit
1 Day 10 Year lowflow Dec to Feb	0.307	ft^3/s
7 Day 10 Year lowflow Dec to Feb	0.672	ft^3/s
30 Day 10 Year lowflow Dec to Feb	0.509	ft^3/s
90 Day 10 Year lowflow Dec to Feb	2.38	ft^3/s

Seasonal Flow Statistics Flow Report [Area-Averaged]

Statistic	Value	Unit
1 Day 10 Year lowflow May to Nov	0.00087	ft^3/s
7 Day 10 Year lowflow May to Nov	0.00106	ft^3/s
30 Day 10 Year lowflow May to Nov	0.00177	ft^3/s
90 Day 10 Year lowflow May to Nov	0.00327	ft^3/s
1 Day 10 Year lowflow Sep to Nov	0.00098	ft^3/s
7 Day 10 Year lowflow Sep to Nov	0.0012	ft^3/s

Statistic	Value	Unit
30 Day 10 Year lowflow Sep to Nov	0.00218	ft^3/s
90 Day 10 Year lowflow Sep to Nov	3.5	ft^3/s
1 Day 10 Year lowflow Dec to Feb	0.307	ft^3/s
7 Day 10 Year lowflow Dec to Feb	0.672	ft^3/s
30 Day 10 Year lowflow Dec to Feb	0.509	ft^3/s
90 Day 10 Year lowflow Dec to Feb	2.38	ft^3/s

Seasonal Flow Statistics Citations

Branden L. VonIns and G.F. Koltun2024, Methods for Estimating Selected Low-Flow Statistics for Ungaged Locations in Ohio and Low-Flow Statistics Computed for Streamflow Gages in Ohio, Water Years 1975–2020; U.S. Geological Survey Scientific Information Report 2024-5075 (<https://pubs.usgs.gov/sir20245075>)

➤ General Flow Statistics

General Flow Statistics Parameters [Statewide harmonic mean flow with SVI less than or equal to 0.91 from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0.41	1.23

General Flow Statistics Disclaimers [Statewide harmonic mean flow with SVI less than or equal to 0.91 from SIR 2024-5075]

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

General Flow Statistics Flow Report [Statewide harmonic mean flow with SVI less than or equal to 0.91 from SIR 2024-5075]

Statistic	Value	Unit
Harmonic Mean Streamflow	0.00889	ft^3/s

General Flow Statistics Citations

Branden L. VonIns and G.F. Koltun2024, Methods for Estimating Selected Low-Flow Statistics for Ungaged Locations in Ohio and Low-Flow Statistics Computed for Streamflow Gages in Ohio, Water Years 1975–2020; U.S. Geological Survey Scientific Information Report 2024-5075 (<https://pubs.usgs.gov/sir20245075>)

➤ Flow Percentile Statistics

Flow Percentile Statistics Parameters [Low Flow LatGT 41.2 wri02 4068]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.12	7422
LC92STOR	Percent Storage from NLCD1992	0	percent	0	19
STREAM_VARG	Streamflow Variability Index from Grid	0.55	dimensionless	0.25	1.13
LAT_CENT	Latitude of Basin Centroid	40.7128	decimal degrees	41.2	41.59
LONG_CENT	Longitude of Basin Centroid	-82.3923	decimal degrees	80.53	84.6

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

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.12	7422
LC92STOR	Percent Storage from NLCD1992	0	percent	0	19

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
STREAM_VARG	Streamflow Variability Index from Grid	0.55	dimensionless	0.25	1.13
LAT_CENT	Latitude of Basin Centroid	40.7128	decimal degrees	38.68	41.2
LONG_CENT	Longitude of Basin Centroid	-82.3923	decimal degrees	80.53	84.6

Flow Percentile Statistics Flow Report [Low Flow LatGT 41.2 wri02 4068]

Statistic	Value	Unit
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Flow Percentile Statistics Flow Report [Low Flow LatLE 41.2 wri02 4068]

Statistic	Value	Unit
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Flow Percentile Statistics Citations

➤ Bankfull Statistics

Bankfull Statistics Parameters [Appalachian Highlands D Bieger 2015]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.07722	940.1535

Bankfull Statistics Parameters [Appalachian Plateaus P Bieger 2015]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.081081	536.995602

Bankfull Statistics Parameters [USA Bieger 2015]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.07722	59927.7393

Bankfull Statistics Disclaimers [Appalachian Highlands D Bieger 2015]

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

Bankfull Statistics Flow Report [Appalachian Highlands D Bieger 2015]

Statistic	Value	Unit
Bieger_D_channel_width	3.89	ft
Bieger_D_channel_depth	0.437	ft
Bieger_D_channel_cross_sectional_area	1.71	ft^2

Bankfull Statistics Disclaimers [Appalachian Plateaus P Bieger 2015]

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

Bankfull Statistics Flow Report [Appalachian Plateaus P Bieger 2015]

Statistic	Value	Unit
Bieger_P_channel_width	3.83	ft
Bieger_P_channel_depth	0.434	ft
Bieger_P_channel_cross_sectional_area	1.65	ft^2

Bankfull Statistics Disclaimers [USA Bieger 2015]

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

Bankfull Statistics Flow Report [USA Bieger 2015]

Statistic	Value	Unit
Bieger_USA_channel_width	3.9	ft
Bieger_USA_channel_depth	0.599	ft
Bieger_USA_channel_cross_sectional_area	2.9	ft^2

Bankfull Statistics Flow Report [Area-Averaged]

Statistic	Value	Unit
Bieger_D_channel_width	3.89	ft
Bieger_D_channel_depth	0.437	ft
Bieger_D_channel_cross_sectional_area	1.71	ft^2
Bieger_P_channel_width	3.83	ft
Bieger_P_channel_depth	0.434	ft
Bieger_P_channel_cross_sectional_area	1.65	ft^2
Bieger_USA_channel_width	3.9	ft
Bieger_USA_channel_depth	0.599	ft
Bieger_USA_channel_cross_sectional_area	2.9	ft^2

Bankfull Statistics Citations

Bieger, Katrin; Rathjens, Hendrik; Allen, Peter M.; and Arnold, Jeffrey G., 2015, Development and Evaluation of Bankfull Hydraulic Geometry Relationships for the Physiographic Regions of the United States, Publications from USDA-ARS / UNL

➤ Probability Statistics

Probability Statistics Parameters [Statewide seasonal low flow probability of being greater than 0.01 cubic feet per second from SIR 2024-5075]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.21	540
OH_SVI2024	Mapped Ohio Streamflow Variability Index	0.53	Log base 10 cubic feet per second	0	1.817873

Probability Statistics Disclaimers [Statewide seasonal low flow probability of being greater than 0.01 cubic feet per second from SIR 2024-5075]

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

Probability Statistics Flow Report [Statewide seasonal low flow probability of being greater than 0.01 cubic feet per second from SIR 2024-5075]

Statistic	Value	Unit
Probability that Apr-Mar 1-day, 10-yr low flow is over 0.01	0.931	dim
Probability that Apr-Mar 7-day, 10-yr low flow is over 0.01	0.936	dim
Probability that Apr-Mar 30-day, 10-yr low flow is over 0.01	0.987	dim
Probability that May-Nov 1-day, 10-yr low flow is over 0.01	0.931	dim
Probability that May-Nov 7-day, 10-yr low flow is over 0.01	0.936	dim
Probability that May-Nov 30-day, 10-yr low flow is over 0.01	0.987	dim

Statistic	Value	Unit
Probability that Sep-Nov 1-day, 10-yr low flow is over 0.01	0.936	dim
Probability that Sep-Nov 7-day, 10-yr low flow is over 0.01	0.936	dim
Probability that Sep-Nov 30-day, 10-yr low flow is over 0.01	0.992	dim

Probability Statistics Citations

Branden L. VonIns and G.F. Koltun2024, Methods for Estimating Selected Low-Flow Statistics for Ungaged Locations in Ohio and Low-Flow Statistics Computed for Streamflow Gages in Ohio, Water Years 1975–2020; U.S. Geological Survey Scientific Information Report 2024-5075 (<https://pubs.usgs.gov/sir20245075>)

➤ Maximum Probable Flood Statistics

Maximum Probable Flood Statistics Parameters [Crippen Bue Region 6]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0375	square miles	0.1	10000

Maximum Probable Flood Statistics Disclaimers [Crippen Bue Region 6]

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

Maximum Probable Flood Statistics Flow Report [Crippen Bue Region 6]

Statistic	Value	Unit
Maximum Flood Crippen Bue Regional	384	ft^3/s

Maximum Probable Flood Statistics Citations

Crippen, J.R. and Bue, Conrad D.1977, Maximum Floodflows in the Conterminous United States, Geological Survey Water-Supply Paper 1887, 52p. (<https://pubs.usgs.gov/wsp/1887/report.pdf>)

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Application Version: 4.24.0

StreamStats Services Version: 1.2.22

NSS Services Version: 2.2.1