

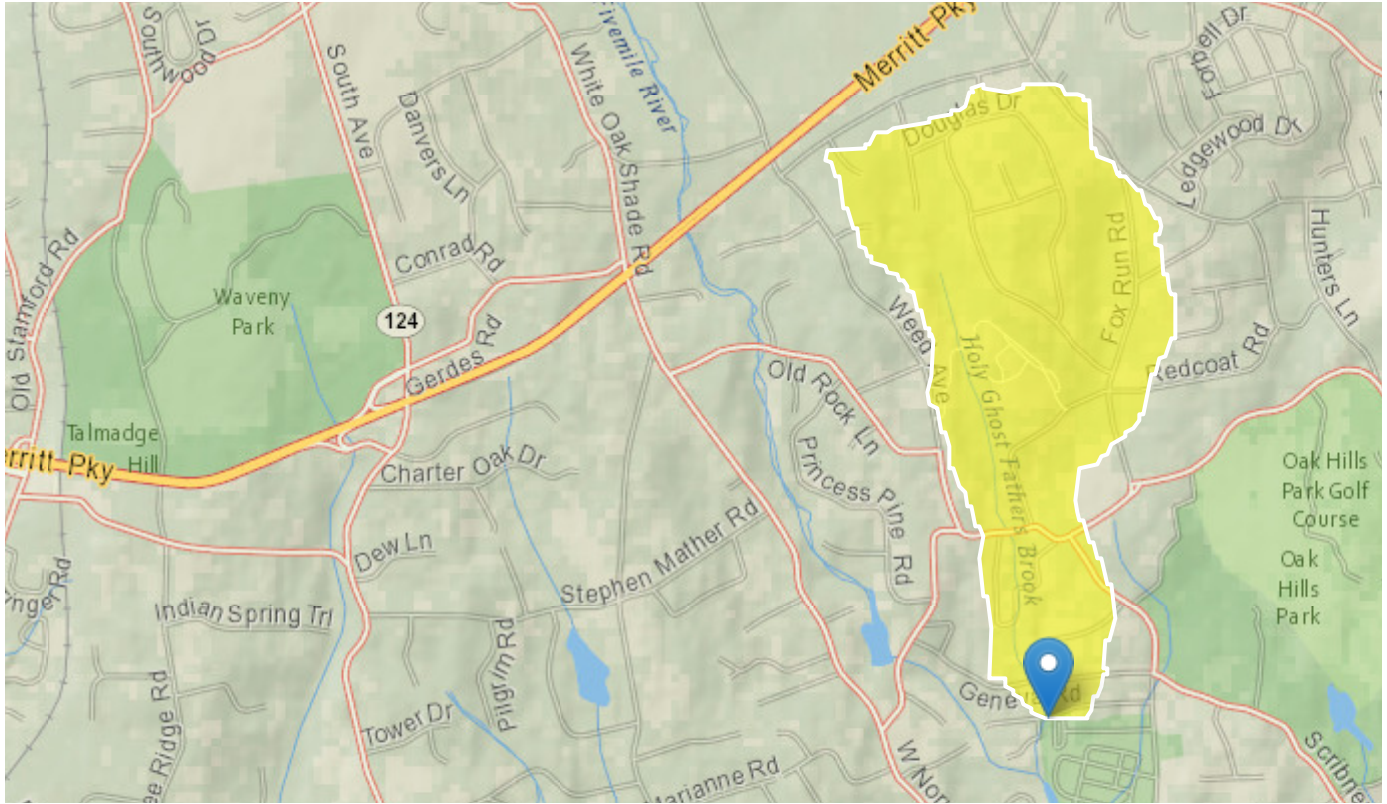
# StreamStats Report

Region ID: CT

Workspace ID: CT20210126180323589000

Clicked Point (Latitude, Longitude): 41.10883, -73.45568

Time: 2021-01-26 13:03:45 -0500



## Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.58	square miles
I24H2Y	Maximum 24-hour precipitation that occurs on average once in 2 years - Equivalent to precipitation intensity index	3.604	inches
ELEV	Mean Basin Elevation	187	feet
I24H10Y	Maximum 24-hour precipitation that occurs on average once in 10 years	5.215	inches
I24H25Y	Maximum 24-hour precipitation that occurs on average once in 25 years	6.436	inches

Parameter Code	Parameter Description	Value	Unit
I24H50Y	Maximum 24-hour precipitation that occurs on average once in 50 years	7.55	inches
I24H100Y	Maximum 24-hour precipitation that occurs on average once in 100 years	8.855	inches
CRSDFT	Percentage of area of coarse-grained stratified drift	32.4	percent
PRCWINTER	Mean annual precipitation for December through February	3.8	inches
WETLAND	Percentage of Wetlands	1.02	percent

Peak-Flow Statistics Parameters<sup>[Statewide DA only]</sup>

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.58	square miles	1.69	715

Peak-Flow Statistics Parameters<sup>[Statewide Multiparameter]</sup>

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.58	square miles	1.69	715
I24H2Y	24 Hour 2 Year Precipitation	3.604	inches	2.95	3.82
ELEV	Mean Basin Elevation	187	feet	169	1310
I24H10Y	24 Hour 10 Year Precipitation	5.215	inches	4.15	5.53
I24H25Y	24 Hour 25 Year Precipitation	6.436	inches	4.93	7
I24H50Y	24 Hour 50 Year Precipitation	7.55	inches	5.62	8.36
I24H100Y	24 Hour 100 Year Precipitation	8.855	inches	6.41	9.99

Peak-Flow Statistics Disclaimers<sup>[Statewide DA only]</sup>

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

Peak-Flow Statistics Flow Report<sup>[Statewide DA only]</sup>

Statistic	Value	Unit
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Statistic	Value	Unit
50_percent_AEP_flood	44.8	ft <sup>3</sup> /s
10_percent_AEP_flood	NaN	ft <sup>3</sup> /s
4_percent_AEP_flood	132	ft <sup>3</sup> /s
2_percent_AEP_flood	155	ft <sup>3</sup> /s
1_percent_AEP_flood	180	ft <sup>3</sup> /s
0_2_percent_AEP_flood	238	ft <sup>3</sup> /s

#### Peak-Flow Statistics Disclaimers<sup>[Statewide Multiparameter]</sup>

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

#### Peak-Flow Statistics Flow Report<sup>[Statewide Multiparameter]</sup>

Statistic	Value	Unit
50_percent_AEP_flood	37.3	ft <sup>3</sup> /s
10_percent_AEP_flood	78.9	ft <sup>3</sup> /s
4_percent_AEP_flood	103	ft <sup>3</sup> /s
2_percent_AEP_flood	122	ft <sup>3</sup> /s
1_percent_AEP_flood	140	ft <sup>3</sup> /s
0_2_percent_AEP_flood	202	ft <sup>3</sup> /s

#### Peak-Flow Statistics Citations

**Ahearn, E.A., 2004, Regression Equations for Estimating Flood Flows for the 2-, 10-, 25-, 50-, 100-, and 500-Year Recurrence Intervals in Connecticut: U.S. Geological Survey SRI 2004-5160, 62 p. (<http://water.usgs.gov/pubs/sir/2004/5160/>)**

#### Flow-Duration Statistics Parameters<sup>[Duration Flow 2010 5052]</sup>

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.58	square miles	0.92	150
ELEV	Mean Basin Elevation	187	feet	168	1287
CRSDFT	Percent Coarse Stratified Drift	32.4	percent	0.1	55.1

#### Flow-Duration Statistics Disclaimers<sup>[Duration Flow 2010 5052]</sup>

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

#### Flow-Duration Statistics Flow Report<sup>[Duration Flow 2010 5052]</sup>

Statistic	Value	Unit
25 Percent Duration	1.56	ft <sup>3</sup> /s
99 Percent Duration	0.0261	ft <sup>3</sup> /s

#### Flow-Duration Statistics Citations

**Ahearn, E.A.,2010, Regional regression equations to estimate flow-duration statistics in Connecticut: U. S. Geological Survey Scientific Investigations Report 2010-5052, 45 p. (<http://pubs.usgs.gov/sir/2010/5052/>)**

#### Seasonal Flow Statistics Parameters<sup>[Duration Flow 2010 5052]</sup>

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.58	square miles	0.92	150
PRCWINTER	Mean Annual Winter Precipitation	3.8	inches	3.19	4.4
CRSDFT	Percent Coarse Stratified Drift	32.4	percent	0.1	55.1

#### Seasonal Flow Statistics Disclaimers<sup>[Duration Flow 2010 5052]</sup>

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

#### Seasonal Flow Statistics Flow Report<sup>[Duration Flow 2010 5052]</sup>

Statistic	Value	Unit
25 Percent Duration December to February	1.42	ft <sup>3</sup> /s
50 Percent Duration December to February	0.811	ft <sup>3</sup> /s
75 Percent Duration December to February	0.468	ft <sup>3</sup> /s
95 Percent Duration DEC FEB	0.204	ft <sup>3</sup> /s
99 Percent Duration December to February	0.0957	ft <sup>3</sup> /s
25 Percent Duration March to April	2.43	ft <sup>3</sup> /s

<b>Statistic</b>	<b>Value</b>	<b>Unit</b>
50 Percent Duration March to April	1.51	ft <sup>3</sup> /s
75 Percent Duration March to April	1.14	ft <sup>3</sup> /s
95 Percent Duration March to April	0.72	ft <sup>3</sup> /s
99 Percent Duration March to April	0.525	ft <sup>3</sup> /s
25 Percent Duration July to October	0.4	ft <sup>3</sup> /s
50 Percent Duration July to October	0.18	ft <sup>3</sup> /s
75 Percent Duration July to October	0.0849	ft <sup>3</sup> /s
80 Percent Duration July to October	0.0692	ft <sup>3</sup> /s
99 Percent Duration July to October	0.00882	ft <sup>3</sup> /s

*Seasonal Flow Statistics Citations*

**Ahearn, E.A.,2010, Regional regression equations to estimate flow-duration statistics in Connecticut: U. S. Geological Survey Scientific Investigations Report 2010-5052, 45 p. (<http://pubs.usgs.gov/sir/2010/5052/>)**

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Application Version: 4.4.0