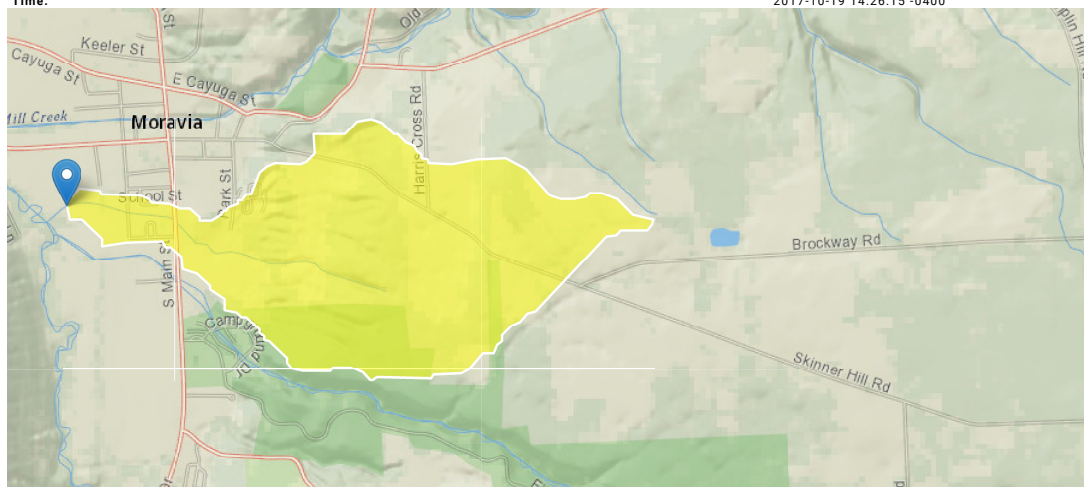




## Morse Creek StreamStats Report

Region ID:  
Workspace ID:  
Clicked Point (Latitude, Longitude):  
Time:

NY  
NY20171019182557229000  
42.70703, -76.42862  
2017-10-19 14:26:15 -0400



### Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	1.01	square miles
CSL10_85	Change in elevation divided by length between points 10 and 85 percent of distance along main channel to basin divide - main channel method not known	302	feet per mi
PRECIP	Mean Annual Precipitation	38.5	inches
LAGFACTOR	Lag Factor as defined in SIR 2006-5112	0.0101	dimensionless
LENGTH	Length along the main channel from the measuring location extended to the basin divide	2.42	miles

### Bankfull Statistics Parameters [Bankfull Region 6 SIR2009 5144]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	1.01	square miles	1.02	290

### Bankfull Statistics Disclaimers [Bankfull Region 6 SIR2009 5144]

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

### Bankfull Statistics Flow Report [Bankfull Region 6 SIR2009 5144]

Statistic	Value	Unit
Bankfull Area	17.7	ft <sup>2</sup>
Bankfull Depth	1.04	ft
Bankfull Streamflow	48.4	ft <sup>3</sup> /s
Bankfull Width	17	ft

### Bankfull Statistics Citations

Mulvihill, C.I., Baldigo, B.P., Miller, S.J., and DeKoskie, Douglas, 2009, Bankfull Discharge and Channel Characteristics of Streams in New York State: U.S. Geological Survey Scientific Investigations Report 2009-5144, 51 p. (<http://pubs.usgs.gov/sir/2009/5144/>)

### Peak-Flow Statistics Parameters [100 Percent (1.01 square miles) 2006 Full Region 5]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	1.01	square miles	1.7	4773
CSL10_85	Stream Slope 10 and 85 Method	302	feet per mi	2.76	222.55
PRECIP	Mean Annual Precipitation	38.5	inches	31.64	49.79

**Peak-Flow Statistics Disclaimers** [100 Percent (1.01 square miles) 2006 Full Region 5]

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

**Peak-Flow Statistics Flow Report** [100 Percent (1.01 square miles) 2006 Full Region 5]

Statistic	Value	Unit
1.25 Year Peak Flood	65.5	ft <sup>3</sup> /s
1.5 Year Peak Flood	85.2	ft <sup>3</sup> /s
2 Year Peak Flood	115	ft <sup>3</sup> /s
5 Year Peak Flood	211	ft <sup>3</sup> /s
10 Year Peak Flood	293	ft <sup>3</sup> /s
25 Year Peak Flood	411	ft <sup>3</sup> /s
50 Year Peak Flood	517	ft <sup>3</sup> /s
100 Year Peak Flood	628	ft <sup>3</sup> /s
200 Year Peak Flood	748	ft <sup>3</sup> /s
500 Year Peak Flood	930	ft <sup>3</sup> /s

*Peak-Flow Statistics Citations*

Lumia, Richard, Freehafer, D.A., and Smith, M.J., 2006, *Magnitude and Frequency of Floods in New York: U.S. Geological Survey Scientific Investigations Report 2006-5112*, 152 p. (<http://pubs.usgs.gov/sir/2006/5112/>)