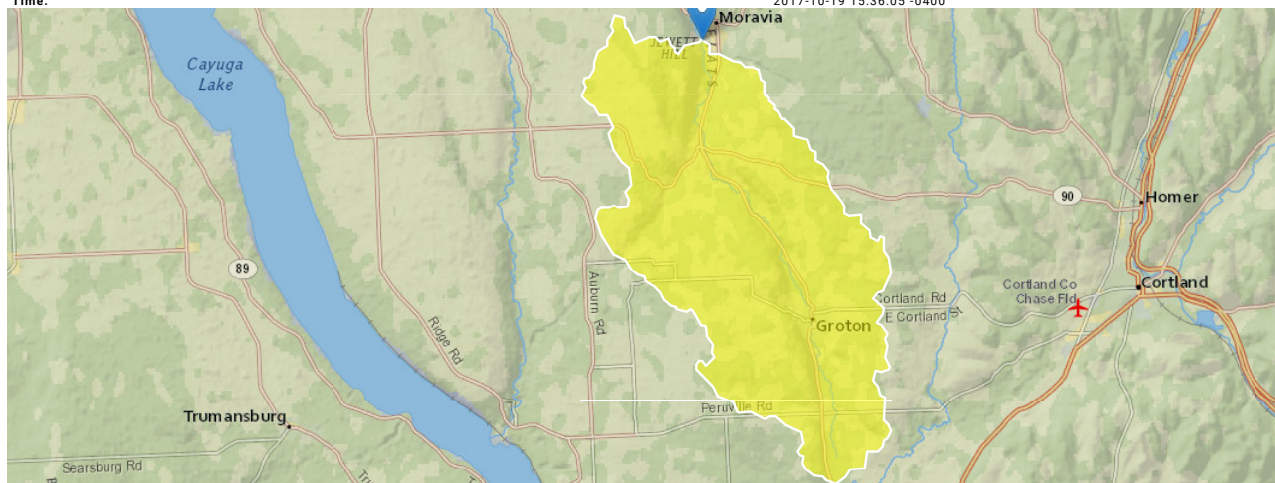




## Owasco Inlet U/S Dry Creek StreamStats Report

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

NY  
NY20171019193545283000  
42.70532, -76.42956  
2017-10-19 15:36:05 -0400



### Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	66.6	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	32.9	feet per mi
PRECIP	Mean Annual Precipitation	38.1	inches

### Bankfull Statistics Parameters [89 Percent (59.1 square miles) Bankfull Region 6 SIR2009 5144]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	66.6	square miles	1.02	290

### Bankfull Statistics Parameters [11 Percent (7.51 square miles) Bankfull Region 7 SIR2009 5144]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	66.6	square miles	1.07	349

### Bankfull Statistics Flow Report [89 Percent (59.1 square miles) Bankfull Region 6 SIR2009 5144]

PII: Prediction Interval-Lower, PIu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	PII	PIu
Bankfull Area	284	ft <sup>2</sup>	114	704
Bankfull Depth	2.9	ft	1.27	6.62
Bankfull Streamflow	1650	ft <sup>3</sup> /s	337	8050
Bankfull Width	98.2	ft	40.3	239

### Bankfull Statistics Flow Report [11 Percent (7.51 square miles) Bankfull Region 7 SIR2009 5144]

PII: Prediction Interval-Lower, PIu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	PII	PIu
Bankfull Area	250	ft <sup>2</sup>	107	584
Bankfull Depth	3.39	ft	1.32	8.71
Bankfull Streamflow	921	ft <sup>3</sup> /s	177	4780
Bankfull Width	73.9	ft	30.4	180

### Bankfull Statistics Flow Report [Area-Averaged]

PII: Prediction Interval-Lower, PIu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	PII	PIu
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Statistic	Value	Unit	PII	Plu
Bankfull Area	280	ft <sup>2</sup>	113	691
Bankfull Depth	2.95	ft	1.27	6.86
Bankfull Streamflow	1560	ft <sup>3</sup> /s	319	7680
Bankfull Width	95.4	ft	39.2	232

#### 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 (66.6 square miles) 2006 Full Region 5]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	66.6	square miles	1.7	4773
CSL10_85	Stream Slope 10 and 85 Method	32.9	feet per mi	2.76	222.55
PRECIP	Mean Annual Precipitation	38.1	inches	31.64	49.79

#### Peak-Flow Statistics Flow Report [100 Percent (66.6 square miles) 2006 Full Region 5]

PII: Prediction Interval-Lower, Plu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	SE	SEp	Equiv. Yrs.
1.25 Year Peak Flood	1630	ft <sup>3</sup> /s	38.5	38.5	2.2
1.5 Year Peak Flood	1990	ft <sup>3</sup> /s	38	38	1.9
2 Year Peak Flood	2490	ft <sup>3</sup> /s	37.4	37.4	2
5 Year Peak Flood	3950	ft <sup>3</sup> /s	36.3	36.3	3.4
10 Year Peak Flood	5060	ft <sup>3</sup> /s	36.1	36.1	4.9
25 Year Peak Flood	6600	ft <sup>3</sup> /s	36.7	36.7	7
50 Year Peak Flood	7920	ft <sup>3</sup> /s	37.5	37.5	8.5
100 Year Peak Flood	9240	ft <sup>3</sup> /s	38.7	38.7	9.7
200 Year Peak Flood	10600	ft <sup>3</sup> /s	40.2	40.2	10.8
500 Year Peak Flood	12700	ft <sup>3</sup> /s	42.6	42.6	11.8

#### 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/>)