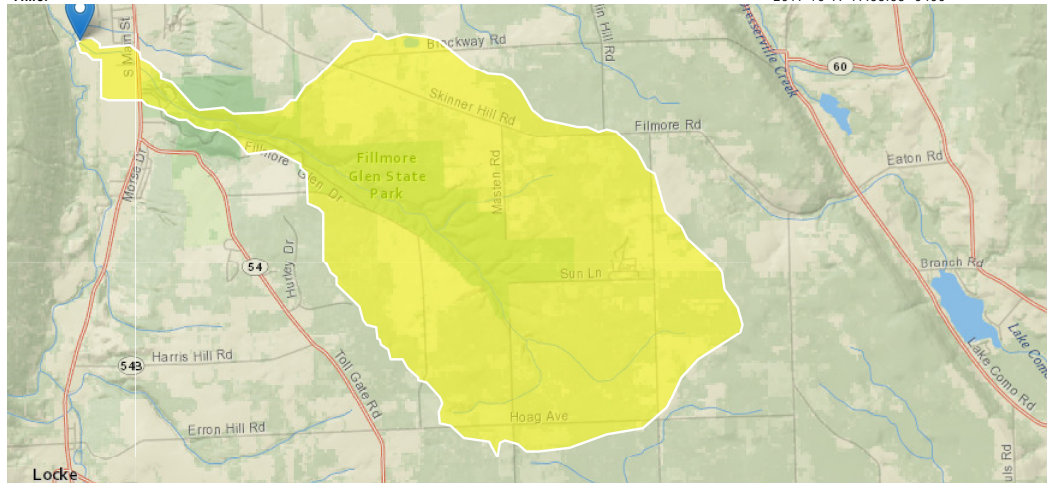


Dry Creek StreamStats Output

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

NY
NY20171017215837867000
42.70563, -76.42903
2017-10-17 17:58:53 -0400



To be used to determine flow hydrograph

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	6.69	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	164	feet per mi
PRECIP	Mean Annual Precipitation	39.4	inches
BSLOPCM	Mean basin slope determined by summing lengths of all contours in basin multiplying by contour interval and dividing product by drainage area	352	feet per mi
LENGTH	Length along the main channel from the measuring location extended to the basin divide	6.59	miles
CONTOUR	Total length of all elevation contours in drainage area in miles	23.52	
CSL1085UP	10-85 slope of upper half of main channel in feet per mile.	143	
CSL1085LO	10-85 slope of lower half of main channel in feet per mile.	186	feet per mi
LAGFACTOR	Lag Factor as defined in SIR 2006-5112	0.0401	dimensionless

Peak-Flow Statistics Parameters [100 Percent (6.69 square miles) 2006 Full Region 5]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	6.69	square miles	1.7	4773
CSL10_85	Stream Slope 10 and 85 Method	164	feet per mi	2.76	222.55
PRECIP	Mean Annual Precipitation	39.4	inches	31.64	49.79

Peak-Flow Statistics Flow Report [100 Percent (6.69 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	339	ft ³ /s	38.5	38.5	2.2
1.5 Year Peak Flood	430	ft ³ /s	38	38	1.9
2 Year Peak Flood	565	ft ³ /s	37.4	37.4	2
5 Year Peak Flood	988	ft ³ /s	36.3	36.3	3.4
10 Year Peak Flood	1340	ft ³ /s	36.1	36.1	4.9
25 Year Peak Flood	1840	ft ³ /s	36.7	36.7	7
50 Year Peak Flood	2290	ft ³ /s	37.5	37.5	8.5
100 Year Peak Flood	2750	ft ³ /s	38.7	38.7	9.7
200 Year Peak Flood	3260	ft ³ /s	40.2	40.2	10.8
500 Year Peak Flood	4010	ft ³ /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/>)

Bankfull Statistics Parameters [Bankfull Region 6 SIR2009 5144]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	6.69	square miles	1.02	290

Bankfull Statistics Flow Report [Bankfull Region 6 SIR2009 5144]

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

Statistic	Value	Unit	PII	Plu
Bankfull Area	61.9	ft ²	24.6	156
Bankfull Depth	1.65	ft	0.713	3.84
Bankfull Streamflow	238	ft ³ /s	47.4	1190
Bankfull Width	37.5	ft	15.2	92.5

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/>)