

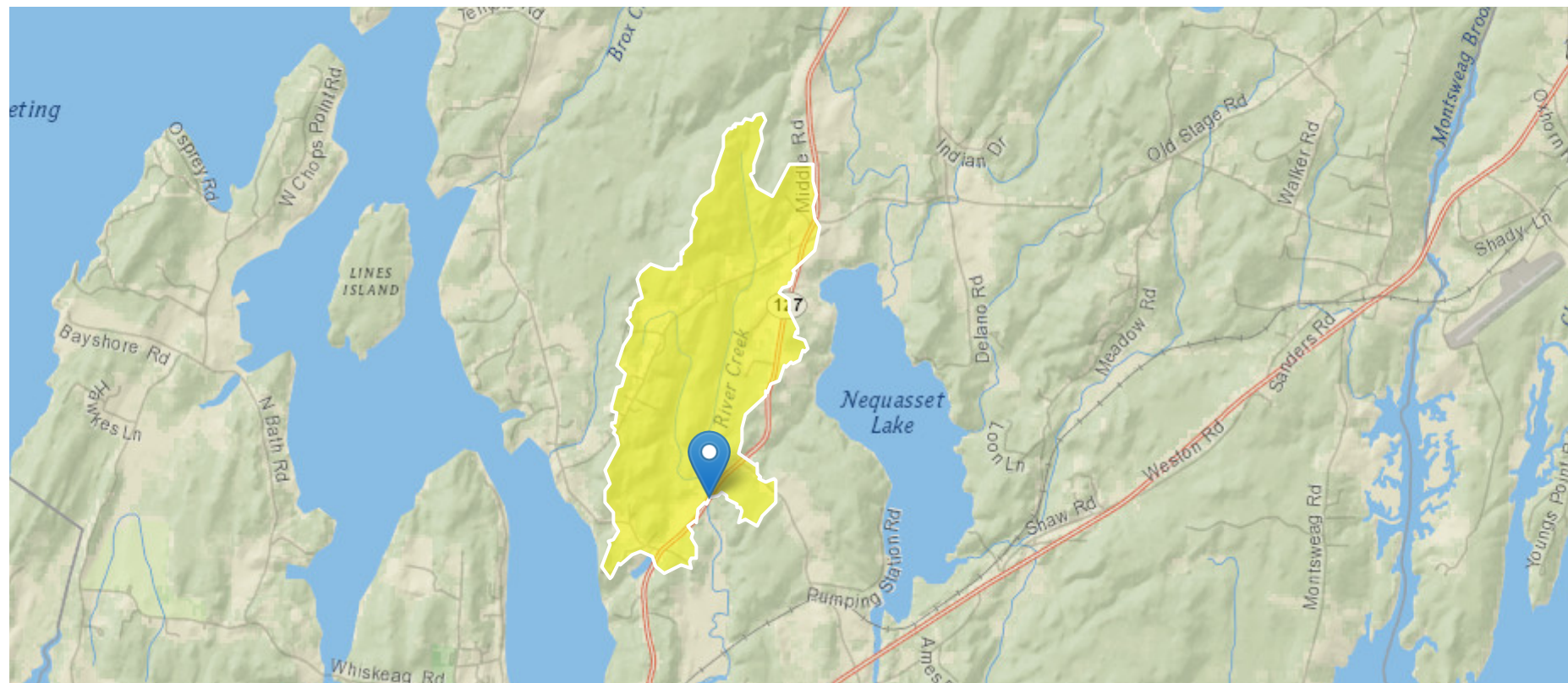
Woolwich 27224 ME127 Back River Cr South Pipes 228491

Region ID: ME

Workspace ID: ME20230810111810237000

Clicked Point (Latitude, Longitude): 43.94682, -69.79361

Time: 2023-08-10 07:18:34 -0400



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➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
BSLDEM10M	Mean basin slope computed from 10 m DEM	10.2	percent
CENTROIDX	Basin centroid horizontal (x) location in state plane coordinates	436324.46	meters
CENTROIDY	Basin centroid vertical (y) location in state plane units	4867422.29	meters
COASTDIST	Shortest distance from the coastline to the basin centroid	40.7	miles
DRNAREA	Area that drains to a point on a stream	1.38	square miles
ELEV	Mean Basin Elevation	74.7	feet
ELEVMAX	Maximum basin elevation	196.1	feet
I24H100Y	Maximum 24-hour precipitation that occurs on average once in 100 years	7.25	inches
I24H10Y	Maximum 24-hour precipitation that occurs on average once in 10 years	4.72	inches
I24H200Y	Maximum 24-hour precipitation that occurs on average once in 200 years	8.18	inches
I24H25Y	Maximum 24-hour precipitation that occurs on average once in 25 years	5.72	inches
I24H2Y	Maximum 24-hour precipitation that occurs on average once in 2 years - Equivalent to precipitation intensity index	3.13	inches
I24H500Y	Maximum 24-hour precipitation that occurs on average once in 500 years	9.69	inches
I24H50Y	Maximum 24-hour precipitation that occurs on average once in 50 years	6.46	inches
I24H5Y	Maximum 24-hour precipitation that occurs on average once in 5 years	4	inches
JULAVPRE	Mean July Precipitation	3.25	inches
LC06WATER	Percent of open water, class 11, from NLCD 2006	0	percent
LC11DEV	Percentage of developed (urban) land from NLCD 2011 classes 21-24		percent

Parameter Code	Parameter Description	Value	Unit
LC11IMP	Average percentage of impervious area determined from NLCD 2011 impervious dataset		percent
PCTSNDGRV	Percentage of land surface underlain by sand and gravel deposits	0	percent
PRDECFEB90	Basin average mean precipitation for December to February from PRISM 1961-1990	11.6	inches
PRECIP	Mean Annual Precipitation	44.7	inches
SANDGRAVAF	Fraction of land surface underlain by sand and gravel aquifers	0	dimensionless
SANDGRAVAP	Percentage of land surface underlain by sand and gravel aquifers	0	percent
STATSGOA	Percentage of area of Hydrologic Soil Type A from STATSGO	0	percent
STORAGE	Percentage of area of storage (lakes ponds reservoirs wetlands)	8.49	percent
STORNWI	Percentage of storage (combined water bodies and wetlands) from the Nationa Wetlands Inventory	8.53	percent

➤ Peak-Flow Statistics

Peak-Flow Statistics Parameters [Statewide multiparameter peakflows SIR 2020 5092]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	1.38	square miles	0.26	5680
I24H2Y	24 Hour 2 Year Precipitation	3.13	inches	1.92	4.17
STORAGE	Percent Storage	8.49	percent	0	29.4
I24H5Y	24 Hour 5 Year Precipitation	4	inches	2.48	5.38
I24H10Y	24 Hour 10 Year Precipitation	4.72	inches	2.84	6.38

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
I24H25Y	24 Hour 25 Year Precipitation	5.72	inches	3.3	7.75
I24H50Y	24 Hour 50 Year Precipitation	6.46	inches	3.65	8.79
I24H100Y	24 Hour 100 Year Precipitation	7.25	inches	3.99	9.88
I24H200Y	24 Hour 200 Year Precipitation	8.18	inches	5.26	11.1
I24H500Y	24 Hour 500 Year Precipitation	9.69	inches	5.95	13.1

Peak-Flow Statistics Flow Report [Statewide multiparameter peakflows SIR 2020 5092]

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

Statistic	Value	Unit	PII	Plu	ASEp
50-percent AEP flood	74.6	ft ³ /s	39.9	139	39.1
20-percent AEP flood	124	ft ³ /s	67.3	229	38.1
10-percent AEP flood	162	ft ³ /s	86.7	303	38.9
4-percent AEP flood	215	ft ³ /s	113	408	39.9
2-percent AEP flood	258	ft ³ /s	134	497	39.7
1-percent AEP flood	304	ft ³ /s	158	583	40.7
0.5-percent AEP flood	354	ft ³ /s	178	703	42.8
0.2-percent AEP flood	427	ft ³ /s	212	861	43.8

Peak-Flow Statistics Citations

Lombard, P.J., and Hodgkins, G.A., 2020, Estimating flood magnitude and frequency on gaged and ungaged streams in Maine: U.S. Geological Survey Scientific Investigations Report 2020–5092, 56 p. (<https://doi.org/10.3133/sir20205092>)

➤ Annual Flow Statistics

Annual Flow Statistics Parameters [Statewide Annual SIR 2015 5151]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	1.38	square miles	14.9	1419
SANDGRAVAF	Fraction of Sand and Gravel Aquifers	0	dimensionless	0	0.212
ELEV	Mean Basin Elevation	74.7	feet	239	2120

Annual Flow Statistics Disclaimers [Statewide Annual SIR 2015 5151]

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

Annual Flow Statistics Flow Report [Statewide Annual SIR 2015 5151]

Statistic	Value	Unit
Mean Annual Flow	3.03	ft ³ /s

Annual Flow Statistics Citations

Dudley, R.W., 2015, Regression equations for monthly and annual mean and selected percentile streamflows for ungaged rivers in Maine: U.S. Geological Survey Scientific Investigations Report 2015–5151, 35 p. (<http://dx.doi.org/10.3133/sir20155151>)

➤ Flow Percentile Statistics

Flow Percentile Statistics Parameters [Statewide Annual SIR 2015 5151]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	1.38	square miles	14.9	1419
SANDGRAVAF	Fraction of Sand and Gravel Aquifers	0	dimensionless	0	0.212
ELEV	Mean Basin Elevation	74.7	feet	239	2120

Flow Percentile Statistics Disclaimers [Statewide Annual SIR 2015 5151]

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

Flow Percentile Statistics Flow Report [Statewide Annual SIR 2015 5151]

Statistic	Value	Unit
1st Percentile Flow	0.00162	ft ³ /s
5th Percentile Flow	0.0135	ft ³ /s
10th Percentile Flow	0.0449	ft ³ /s
25th Percentile Flow	0.304	ft ³ /s
50th Percentile Flow Median	1.2	ft ³ /s
75th Percentile Flow	3.23	ft ³ /s
90th Percentile Flow	7.43	ft ³ /s
95th Percentile Flow	11.8	ft ³ /s
99th Percentile Flow	31.6	ft ³ /s

Flow Percentile Statistics Citations

Dudley, R.W., 2015, Regression equations for monthly and annual mean and selected percentile streamflows for ungaged rivers in Maine: U.S. Geological Survey Scientific Investigations Report 2015–5151, 35 p. (<http://dx.doi.org/10.3133/sir20155151>)

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Application Version: 4.16.1

StreamStats Services Version: 1.2.22

NSS Services Version: 2.2.1