

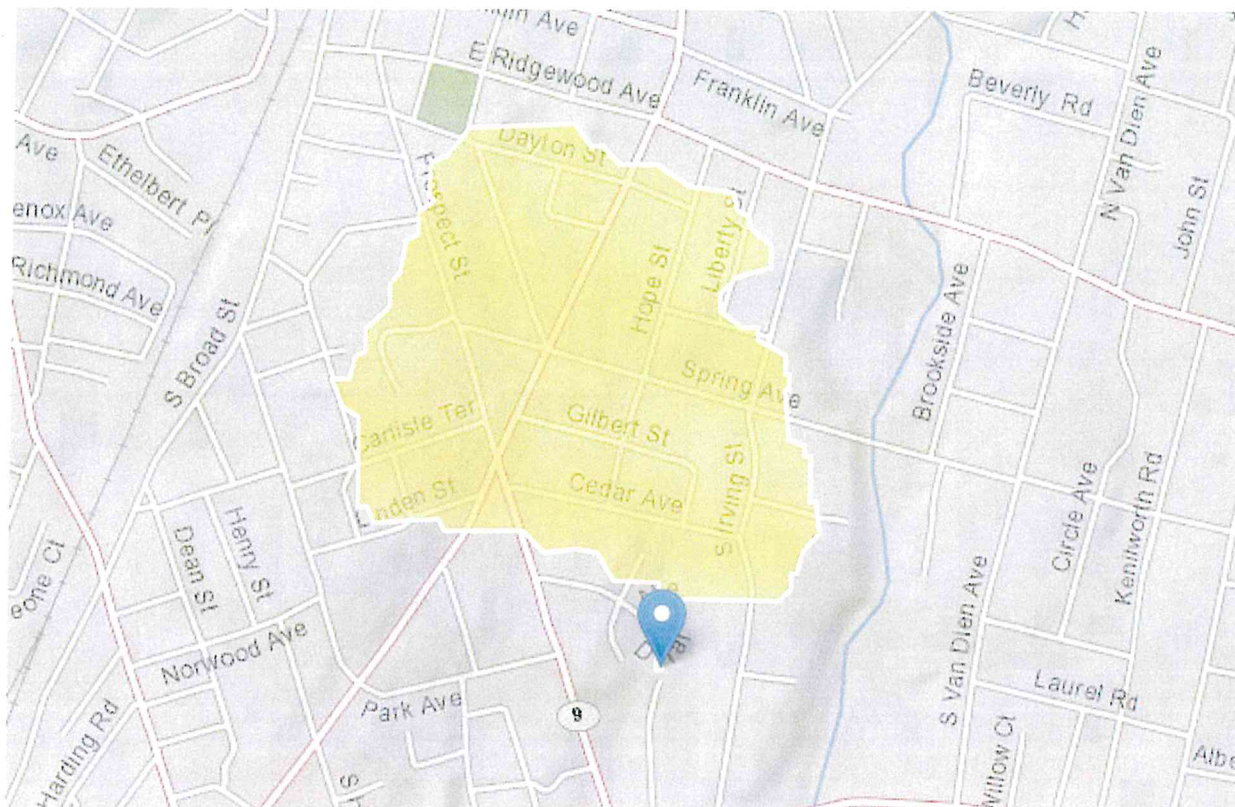
StreamStats Report

Region ID: NJ

Workspace ID: NJ20190422202313663000

Clicked Point (Latitude, Longitude): 40.96971, -74.11298

Time: 2019-04-22 16:23:27 -0400



The Stream Stat Mapping Does not account for the fact that the drainage area east of South Maple Avenue is intercepted by the South Maple Avenue drainage system and piped to the Ho- Ho-Kus Brook via the South Maple Avenue-Clayton Street-Southern Parkway storm sewer system, ultimately discharging to the main channel of Ho-Ho-Kus Brook via a 48" RCP well north of Hopper Ridge See original Hopper Ridge Townhomes Drainage Area Plan by Andrew Marshall, dated 6/24/82.

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.2	square miles

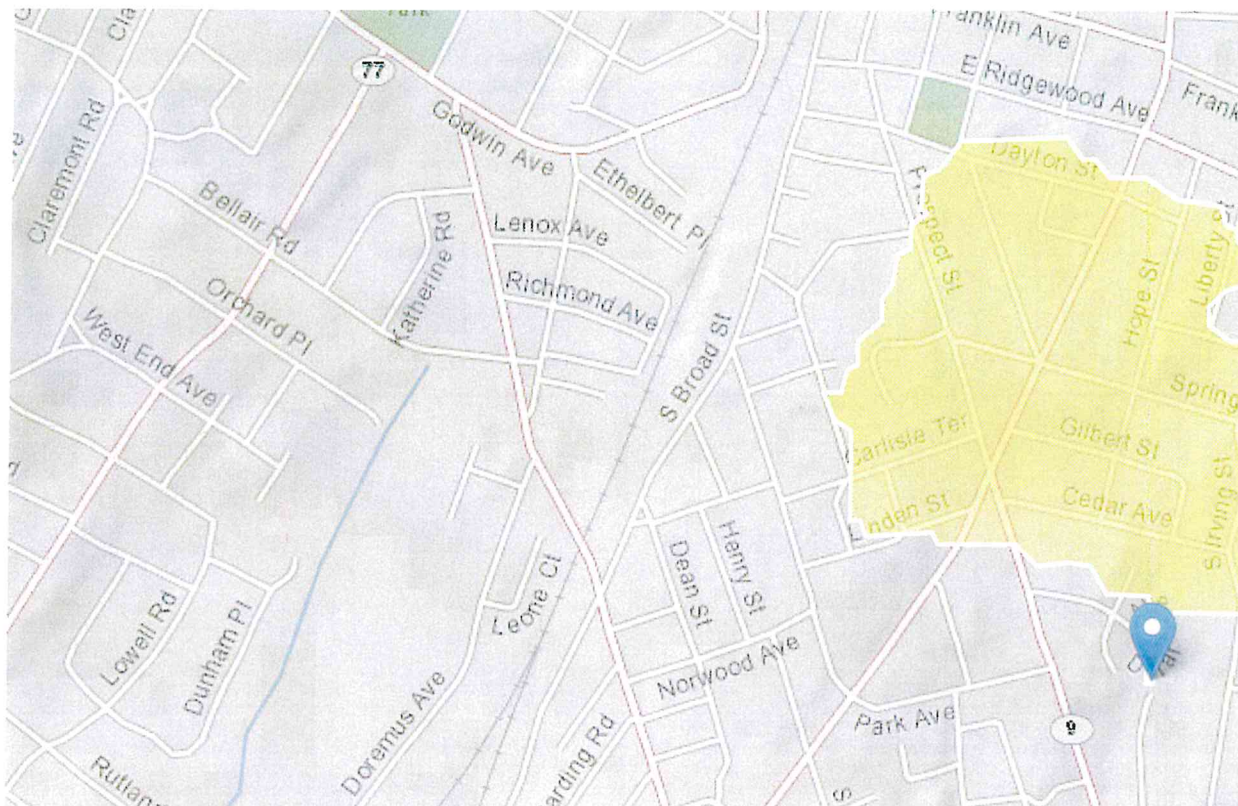
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Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.2	square miles
STORAGE	Percentage of area of storage (lakes ponds reservoirs wetlands)	0.21	percent

Parameter Code	Parameter Description	Value	Unit
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	43.9	feet per mi
POPDENS	Basin Population Density	5720	persons per square mile
FOREST	Percentage of area covered by forest	1.84	percent

Peak-Flow Statistics Parameters [Peak Glaciated Piedmont Region 2009 5167]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.2	square miles	1.27	56.4
STORAGE	Percent Storage	0.21	percent	0.62	11.6
CSL10_85	Stream Slope 10 and 85 Method	43.9	feet per mi	9.37	176
POPDENS	Basin Population Density	5720	persons per square mile	645	13492

Peak-Flow Statistics Disclaimers [Peak Glaciated Piedmont Region 2009 5167]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors
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Peak-Flow Statistics Flow Report [Peak Glaciated Piedmont Region 2009 5167]

Statistic	Value	Unit
2 Year Peak Flood	47	ft ³ /s
5 Year Peak Flood	76.8	ft ³ /s
10 Year Peak Flood	100	ft ³ /s
25 Year Peak Flood	132	ft ³ /s

Statistic	Value	Unit
50 Year Peak Flood	159	ft ³ /s
100 Year Peak Flood	186	ft ³ /s
500 Year Peak Flood	256	ft ³ /s

Peak-Flow Statistics Citations

**Watson, K.M.,and Schopp, R.D.,2009, Methodology for estimation of flood magnitude and frequency for New Jersey streams, U.S. Geological Survey Scientific Investigations Report 2009-5167, 51 p.
(<http://pubs.usgs.gov/sir/2009/5167/>)**

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Application Version: 4.3.0