

Appendix F:
Basin Characteristics Report



Basin Characteristics Report

Date: Wed Jan 28 2015 11:09:11 Mountain Standard Time

NAD27 Latitude: 40.4244 (40 25 28)

NAD27 Longitude: -75.5268 (-75 31 36)

NAD83 Latitude: 40.4245 (40 25 28)

NAD83 Longitude: -75.5264 (-75 31 35)

Parameter	Value
Area in square miles	18.00
Mean Basin Elevation in feet	647.8
Unadjusted basin slope, in degrees	5.58
Adjusted basin slope, in degrees	5.4
Total stream length in miles	23.78
Stream density (miles/square mile)	1.32
Percent of area covered by lakes, ponds, reservoirs and wetlands	2.0
Percent of area covered by carbonate bedrock	1.0
Percent of area covered by glacial activity	0.0
Depth to rock in feet	4.8
Mean annual precipitation in inches	45.0
Maximum Daily Temperature in degrees F	60.0
Percent of area covered by forest	50.0
Percentage of impervious area determined from NLCD 2001 impervious dataset	1.0
Percent of area covered by urban land according to an enhanced version of NLCD 1992	2.0
Percentage of urban land cover determined from NLCD 2001 land cover dataset	2.0
Drainage quality index from STATSGO	3.4
X coordinate of the centroid, in map projection, meters	211748.2
Y coordinate of the centroid, in map projection, meters	166091.2
X coordinate of the outlet, in map projection, meters	209865.0
Y coordinate of the outlet, in map projection, meters	161115.0
Longitude of the outlet, in decimal degrees	-75.52643