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DRAINAGE REPORT FOR PROPOSED SITE IMPROVEMENTS

**BLOCK 152.02, LOTS 176, 179 & 186
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY**

**APPLICANT
MONTCLAIR STABLES LLC**

PREPARED BY

A handwritten signature in dark ink, reading "Robert M. Cunningham", is positioned above a horizontal line.

ROBERT M. CUNNINGHAM, PE
NEW JERSEY LICENSE #GE31540

Revised August 26, 2025

INTRODUCTION

This report is submitted in support of an application to the Board of Adjustment of The Township of West Orange for site plan and variance approval. The Applicant, Montclair Stables LLC, has purchased the existing equine facility on Woodland Avenue and proposes to make improvements to the site. The primary improvements are the re-orientation and reconstruction of the existing outdoor sand riding arena and the re-location of the paved parking lot and driveways. The Applicant also proposes to make improvements to Nicholas Avenue; a paper street located at the rear of the property. This facility has used part of Nicholas Avenue as a driveway for decades. The proposed improvements include extending the driveway to connect to the paved portion of Nicholas Avenue near its intersection with Cannon Street. The driveway would function as a one-way driveway which would exit near the Cannon Street intersection and there would be new security gates at both ends.

There are presently two buildings on the site, a barn and an indoor riding arena which are connected by a one-story concourse. There are no changes proposed to the configuration of these buildings. The Existing Drainage Area Plan, as well as the Existing Conditions Plan in the application set, depict a dwelling and related improvements which existed on Lot 176 until recently. The dwelling was removed under a demolition permit issued by the West Orange Construction Code Office.

The trees that are scheduled for removal are indicated on Sheet SE-2 of the application set as well as on the Landscape Architect's drawings.

Due to the total surface area that will be disturbed under the present definition of disturbance in the Stormwater Management Regulations, this project is considered a major project. Over one acre of land area will be disturbed.

Since less than one quarter of an acre of new "vehicular surface", the required water quality standards are satisfied by the proposed project.

The project is located in the Metropolitan Planning Area PA-1 on the State Plan Policy Map, therefore, the project is exempt from complying with the groundwater recharge provisions of the local stormwater management ordinance.

The drainage analysis and calculations presented herein are intended to document compliance with the stormwater runoff quantity standards found in section 25-29.4r of the West Orange Land Use Regulations: Section 25-29 Stormwater Control.

EXISTING DRAINAGE

The existing drainage patterns are indicated on the attached Existing Drainage Areas Plan. The area considered includes the site, a portion of Nicholas Avenue, a small portion of adjacent Lot 132 and an existing bridle path on Lots 1 and 2 in Block 152.26. An easement for the bridle path appears on the Tax Map. The total study area includes 175,847 square feet, or 4.037 acres.

Under present conditions, two primary drainage areas were delineated and are shown on the Existing Drainage Areas Plan along with the surface coverage summary for each drainage area. This plan also indicates the time of concentration travel paths with the land slope and flow type for each reach.

Drainage Area E-1 includes the front yards of the buildings, a small portion of the roof area, the existing paved parking lot and most of Lot 176. Area E-1 drains to Woodland Avenue. The surface area is 32,101 square feet.

Drainage Area E-2 includes the remainder of the study area and has 143,746 square feet of surface area. This drainage area drains toward Nicholas Avenue with a slight portion of it draining toward the residential properties on Terrace Avenue and Nicholas Avenue. The portion of Nicholas Avenue that the Applicant proposes to improve is also included in drainage area E-1.

Under present conditions, no formal drainage system exists for the parking lot and runoff from the roofs simply drips from the roof edges onto the ground.

PROPOSED DRAINAGE IMPROVEMENTS

The applicant proposes to construct a drainage system for the re-configured parking lot which will include a type D inlet, 15" RCP pipe, and a doghouse manhole at the connection point to the existing storm drain in Woodland Avenue. A road opening permit will be required for this work. The applicant also proposes installing gutters on the barn and on the indoor riding arena. Downspouts will be piped to collector pipes which will connect to the existing drainage systems as shown on Sheet SE-4 of the application set.

The reconstruction of the outdoor riding arena will also be an improvement to stormwater runoff and groundwater recharge. The new arena will be totally level and will capture the rainfall over its entire area. The arena will consist of a 6" thick sand surface over a layer of filter fabric over a 15" thick layer of 1 ½" clean crushed stone. The subgrade below the stone will be scarified prior to stone installation. A flush concrete curb will surround the entire arena and will serve to confine the sand and stone as well as rainfall. A subsurface bulkhead wall will be installed to separate the sections of the new riding arena that will drain toward Nicholas Avenue and toward Woodland Avenue. Each section of the riding arena will have an independent perforated pipe subdrain with the inverts being 3" above the soil subgrade. At maximum capacity, we estimate that the riding arena will be able to store approximately 4 ½" of rainfall in the clean stone bed.

The Applicant also proposes to locate, expose, and make any necessary repairs to an existing inlet that is part of the municipal drainage system in Nicholas Avenue. This inlet was identified on the original topographic survey but is not visible at this time.

POST CONSTRUCTION DRAINAGE AREAS.

Post Construction Drainage Area P-1 contains 32,238 square feet of area including most of the front yards of the buildings, a small portion of the building roofs, the re-configured parking lot and 11,500 square feet of the re-configured riding arena. Drainage area P-1 drains toward Woodland Avenue

Post Construction Drainage Area P-2 contains 143,609 square feet of surface area including most of the building roof area, the courtyard between the riding ring and the barn, the paddocks and driveway at the east end of the site, 22,575 square feet of the sand riding arena, the paddocks at the west end of the site and the portion of Nicholas Avenue under consideration.

SUMMARY OF DRAINAGE CALCULATIONS

The drainage calculations are intended to document that the stormwater runoff quantity provisions of the Ordinance are met, the drainage pipe sizes proposed are adequate, and to provide the carrying capacity of the existing open riprap channel in Nicholas Avenue as requested by the Township Engineer.

The reader will notice that the computer modeling output was prepared by Stonefield Engineering & Design LLC. I engaged Stonefield to assist with computer modeling. Stonefield is also serving as the Professional Planning Consultants on this project. Stonefield performed the calculations at my direction and their output was reviewed and approved by me.

The flow paths for the times of concentration for Existing Drainage Area E-1 and Proposed Drainage Area P-1 vary somewhat while the flow paths and times of concentration for Existing Drainage Area E-2 and Proposed Drainage Area P-2 are virtually identical.

The stormwater runoff from the existing and proposed drainage areas was calculated for the 2-, 10-, and 100-year return period storms for the required 2020 rainfall totals and for the required projected 2050 rainfall totals.

The runoff curve numbers for the existing conditions were assigned with the assumption that all existing surfaces are in “good” condition.

To demonstrate compliance with the runoff quantity requirements the existing and proposed runoff hydrographs were compared in a “curve under curve” analysis for each of the required return periods. In all instances the proposed runoff hydrographs remain “under” the existing runoff hydrographs. Therefore, the project complies with the requirements.

We believe that the runoff hydrographs for the proposed conditions may be less than the calculated hydrographs indicate. The runoff curve number for the proposed sand riding arena was kept somewhat high to provide a factor of safety in the calculations, especially for the lower return period storm events.

The 3” depth of stone below the invert of the perforated drains in the riding arena will still hold water in the stone voids after the stored water above the inverts has drained out. The Soil Survey data indicates that the lowest expected infiltration rate for the existing soils will be 0.06 inches per hour. If the 3” stone depth below the drain inverts was actually 100% water, it would drain within 50 hours.

The calculations also indicate that the proposed pipe sizes for the leader drain system and for the 15” parking lot drain are more than adequate to carry runoff from the 25 year return period storm.

The capacity of the riprap channel was evaluated at a flow depth of 15 inches, even though the depth of the channel is deeper. A flow depth of 15 Inches was chosen because the outlet pipe is a 15” diameter pipe. The calculated flow capacity for the channel is 47.68 c.f.s. which is obviously greater than the capacity of the downstream 15” pipe.

CONCLUSION

The designer believes that the proposal complies with the provisions of the Stormwater Management Ordinance, reduces stormwater runoff to adjacent properties and public roads and does not create increased demand on the public drainage system.

ENCLOSURES

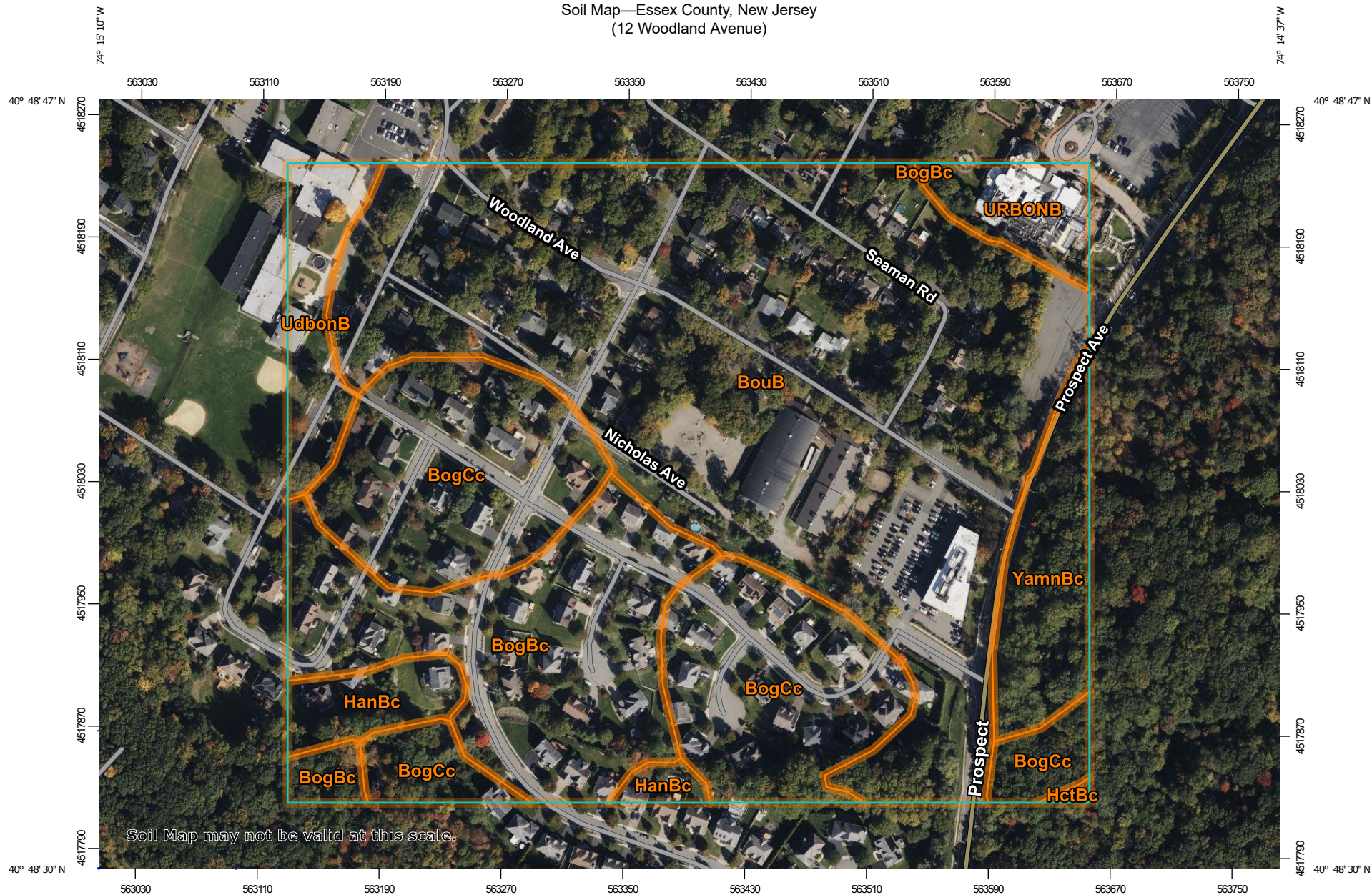
Appendix 1: Drainage Runoff Calculations Output

Existing Drainage Areas Plan

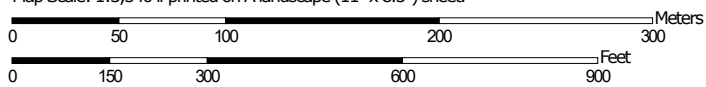
Proposed Conditions Drainage Areas Plan

Proposed Piping Calculation Plan

Soil Map—Essex County, New Jersey
(12 Woodland Avenue)



Map Scale: 1:3,540 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/5/2025
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Essex County, New Jersey

Survey Area Data: Version 20, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 10, 2022—Oct 16, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BogBc	Boonton loam, 0 to 8 percent slopes, extremely stony	8.2	15.1%
BogCc	Boonton loam, 8 to 15 percent slopes, extremely stony	11.9	21.8%
BouB	Boonton - Urban land, Boonton substratum complex, 0 to 8 percent slopes	26.7	48.9%
HanBc	Haledon silt loam, 0 to 8 percent slopes, extremely stony	1.6	2.9%
HctBc	Hasbrouck silt loam, 0 to 8 percent slopes, extremely stony	0.1	0.1%
UdbonB	Udorthents, Boonton substratum, 0 to 8 percent slopes	2.0	3.6%
URBONB	Urban land, Boonton substratum, 0 to 8 percent slopes	1.4	2.6%
YamnBc	Yalesville loam, 0 to 8 percent slopes, extremely stony	2.7	5.0%
Totals for Area of Interest		54.6	100.0%

Essex County, New Jersey

BouB—Boonton - Urban land, Boonton substratum complex, 0 to 8 percent slopes

Map Unit Setting

National map unit symbol: b12f

Elevation: 50 to 500 feet

Mean annual precipitation: 30 to 64 inches

Mean annual air temperature: 46 to 79 degrees F

Frost-free period: 131 to 178 days

Farmland classification: Not prime farmland

Map Unit Composition

Boonton and similar soils: 50 percent

Urban land, boonton substratum: 40 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Boonton

Setting

Landform: Ground moraines

Landform position (three-dimensional): Upper third of mountainflank, center third of mountainflank

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Coarse-loamy basal till derived from basalt

Typical profile

A - 0 to 5 inches: loam

BA - 5 to 8 inches: silt loam

BE - 8 to 17 inches: silt loam

Bt - 17 to 30 inches: silt loam

Btx1 - 30 to 40 inches: gravelly fine sandy loam

Btx2 - 40 to 47 inches: fine sandy loam

CBt1 - 47 to 58 inches: loamy sand

CBt2 - 58 to 72 inches: loamy sand

Properties and qualities

Slope: 0 to 8 percent

Depth to restrictive feature: 20 to 36 inches to fragipan

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Low (about 4.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: C

Ecological site: F144AY037MA - Moist Dense Till Uplands

Hydric soil rating: No

Description of Urban Land, Boonton Substratum

Setting

Landform: Ground moraines

Landform position (three-dimensional): Lower third of mountainflank, upper third of mountainflank, center third of mountainflank

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Surface covered by pavement, concrete, buildings, and other structures underlain by disturbed and natural soil material

Typical profile

H1 - 0 to 12 inches: material

H2 - 12 to 47 inches: silt loam

2CBt1 - 47 to 58 inches: loamy sand

2CBt2 - 58 to 72 inches: loamy sand

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: Unranked

Minor Components

Udorthents, boonton substratum

Percent of map unit: 10 percent

Landform: Ground moraines

Landform position (three-dimensional): Lower third of mountainflank, upper third of mountainflank, center third of mountainflank

Down-slope shape: Convex

Across-slope shape: Linear

Hydric soil rating: No

Data Source Information

Soil Survey Area: Essex County, New Jersey

Survey Area Data: Version 20, Sep 3, 2024

PIPE CAPACITY ANALYSIS SUMMARY		
LATERAL #	PIPE CAPACITY (CFS)	PIPE FLOW (CFS)
1	7.00	2.87
2	1.31	0.64
3	10.75	2.80
4	1.31	0.82
5	1.60	1.45
6	3.86	1.45
7	0.96	0.93
8	0.61	0.56
9	1.31	1.09

MANNING'S EQUATION FOR CIRCULAR PIPE FLOW

Manual Check

PIPE 1

Pipe Diameter	1.25	FT	Central Angle Θ	6.283	
Pipe Slope	0.01	FT/FT	Flow Area	1.227	SF
Roughness			Wetted Perimeter	3.927	FT
Coefficient (when full)	0.012		Roughness Coefficient (partial full)	0.012	
Percent Full	100.00%		Pipe Flow	6.998	CFS
Flow Depth	1.25	FT	Pipe Velocity	5.703	FT/S

MANNING'S EQUATION FOR CIRCULAR PIPE FLOW

Manual Check

PIPE 2

Pipe Diameter	0.67	FT	Central Angle Θ	6.283	
Pipe Slope	0.01	FT/FT	Flow Area	0.348	SF
Roughness			Wetted Perimeter	2.092	FT
Coefficient (when full)	0.012		Roughness Coefficient (partial full)	0.012	
Percent Full	100.00%		Pipe Flow	1.306	CFS
Flow Depth	0.67	FT	Pipe Velocity	3.748	FT/S

MANNING'S EQUATION FOR CIRCULAR PIPE FLOW

Manual Check

PIPE 3

Pipe Diameter	1.25	FT	Central Angle Θ	6.283	
Pipe Slope	0.0236	FT/FT	Flow Area	1.227	SF
Roughness			Wetted Perimeter	3.927	FT
Coefficient (when full)	0.012		Roughness Coefficient (partial full)	0.012	
Percent Full	100.00%		Pipe Flow	10.751	CFS
Flow Depth	1.25	FT	Pipe Velocity	8.760	FT/S

MANNING'S EQUATION FOR CIRCULAR PIPE FLOW

Manual Check

PIPE 4

Pipe Diameter	0.67	FT	Central Angle Θ	6.283	
Pipe Slope	0.01	FT/FT	Flow Area	0.348	SF
Roughness			Wetted Perimeter	2.092	FT
Coefficient (when full)	0.012		Roughness Coefficient (partial full)	0.012	
Percent Full	100.00%		Pipe Flow	1.306	CFS
Flow Depth	0.67	FT	Pipe Velocity	3.748	FT/S

MANNING'S EQUATION FOR CIRCULAR PIPE FLOW

Manual Check

PIPE 5

Pipe Diameter	0.67	FT	Central Angle Θ	6.283	
Pipe Slope	0.015	FT/FT	Flow Area	0.348	SF
Roughness			Wetted Perimeter	2.092	FT
Coefficient (when full)	0.012		Roughness Coefficient (partial full)	0.012	
Percent Full	100.00%		Pipe Flow	1.599	CFS
Flow Depth	0.67	FT	Pipe Velocity	4.590	FT/S

MANNING'S EQUATION FOR CIRCULAR PIPE FLOW

Manual Check

PIPE 6

Pipe Diameter	1.00	FT	Central Angle Θ	6.283	
Pipe Slope	0.01	FT/FT	Flow Area	0.785	SF
Roughness			Wetted Perimeter	3.142	FT
Coefficient (when full)	0.012		Roughness Coefficient (partial full)	0.012	
Percent Full	100.00%		Pipe Flow	3.860	CFS
Flow Depth	1.00	FT	Pipe Velocity	4.914	FT/S

MANNING'S EQUATION FOR CIRCULAR PIPE FLOW

Manual Check

PIPE 7

Pipe Diameter	0.50	FT	Central Angle Θ	6.283	
Pipe Slope	0.025	FT/FT	Flow Area	0.196	SF
Roughness			Wetted Perimeter	1.571	FT
Coefficient (when full)	0.012		Roughness Coefficient (partial full)	0.012	
Percent Full	100.00%		Pipe Flow	0.961	CFS
Flow Depth	0.50	FT	Pipe Velocity	4.895	FT/S

MANNING'S EQUATION FOR CIRCULAR PIPE FLOW

Manual Check

PIPE 8

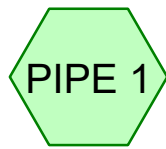
Pipe Diameter	0.50	FT	Central Angle Θ	6.283	
Pipe Slope	0.01	FT/FT	Flow Area	0.196	SF
Roughness			Wetted Perimeter	1.571	FT
Coefficient (when full)	0.012		Roughness Coefficient (partial full)	0.012	
Percent Full	100.00%		Pipe Flow	0.608	CFS
Flow Depth	0.50	FT	Pipe Velocity	3.096	FT/S

MANNING'S EQUATION FOR CIRCULAR PIPE FLOW

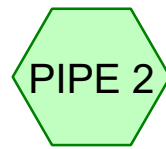
Manual Check

PIPE 9

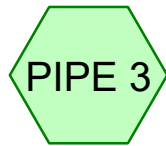
Pipe Diameter	0.67	FT	Central Angle Θ	6.283	
Pipe Slope	0.01	FT/FT	Flow Area	0.348	SF
Roughness			Wetted Perimeter	2.092	FT
Coefficient (when full)	0.012		Roughness Coefficient (partial full)	0.012	
Percent Full	100.00%		Pipe Flow	1.306	CFS
Flow Depth	0.67	FT	Pipe Velocity	3.748	FT/S



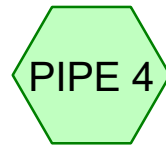
Pipe 1 Drainage



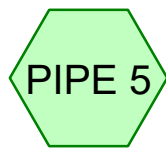
Pipe 2 Drainage



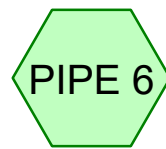
Pipe 3 Drainage



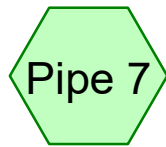
Pipe 4 Drainage



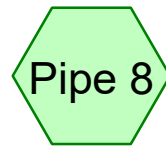
Pipe 5 Drainage



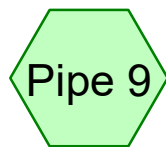
Pipe 6 Drainage



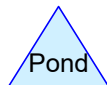
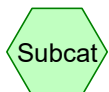
Pipe 7 Drainage



Pipe 8 Drainage



Pipe 9



2025-08-21_Pipe Capacity Calculations

NOAA 24-hr D 25-Year Rainfall=6.44"

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Time span=0.00-72.00 hrs, dt=0.01 hrs, 7201 points
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv.
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PIPE 1: Pipe 1 Drainage	Runoff Area=22,990 sf 33.03% Impervious Runoff Depth=4.43" Tc=0.0 min CN=74/98 Runoff=2.87 cfs 8,489 cf
Subcatchment PIPE 2: Pipe 2 Drainage	Runoff Area=4,104 sf 100.00% Impervious Runoff Depth=6.20" Tc=0.0 min CN=0/98 Runoff=0.64 cfs 2,121 cf
Subcatchment PIPE 3: Pipe 3 Drainage	Runoff Area=25,320 sf 0.74% Impervious Runoff Depth=3.58" Tc=0.0 min CN=74/98 Runoff=2.80 cfs 7,549 cf
Subcatchment PIPE 4: Pipe 4 Drainage	Runoff Area=5,311 sf 100.00% Impervious Runoff Depth=6.20" Tc=0.0 min CN=0/98 Runoff=0.82 cfs 2,745 cf
Subcatchment PIPE 5: Pipe 5 Drainage	Runoff Area=9,375 sf 100.00% Impervious Runoff Depth=6.20" Tc=0.0 min CN=0/98 Runoff=1.45 cfs 4,845 cf
Subcatchment PIPE 6: Pipe 6 Drainage	Runoff Area=9,375 sf 100.00% Impervious Runoff Depth=6.20" Tc=0.0 min CN=0/98 Runoff=1.45 cfs 4,845 cf
Subcatchment Pipe 7: Pipe 7 Drainage	Runoff Area=5,990 sf 100.00% Impervious Runoff Depth=6.20" Tc=0.0 min CN=0/98 Runoff=0.93 cfs 3,096 cf
Subcatchment Pipe 8: Pipe 8 Drainage	Runoff Area=3,612 sf 100.00% Impervious Runoff Depth=6.20" Tc=0.0 min CN=0/98 Runoff=0.56 cfs 1,867 cf
Subcatchment Pipe 9: Pipe 9	Runoff Area=7,030 sf 100.00% Impervious Runoff Depth=6.20" Tc=0.0 min CN=0/98 Runoff=1.09 cfs 3,633 cf

Total Runoff Area = 93,107 sf Runoff Volume = 39,189 cf Average Runoff Depth = 5.05"
43.53% Pervious = 40,529 sf 56.47% Impervious = 52,578 sf

2025-08-21_Pipe Capacity Calculations

Prepared by Stonefield Engineering & Design

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NOAA 24-hr D 25-Year Rainfall=6.44"

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Summary for Subcatchment PIPE 1: Pipe 1 Drainage

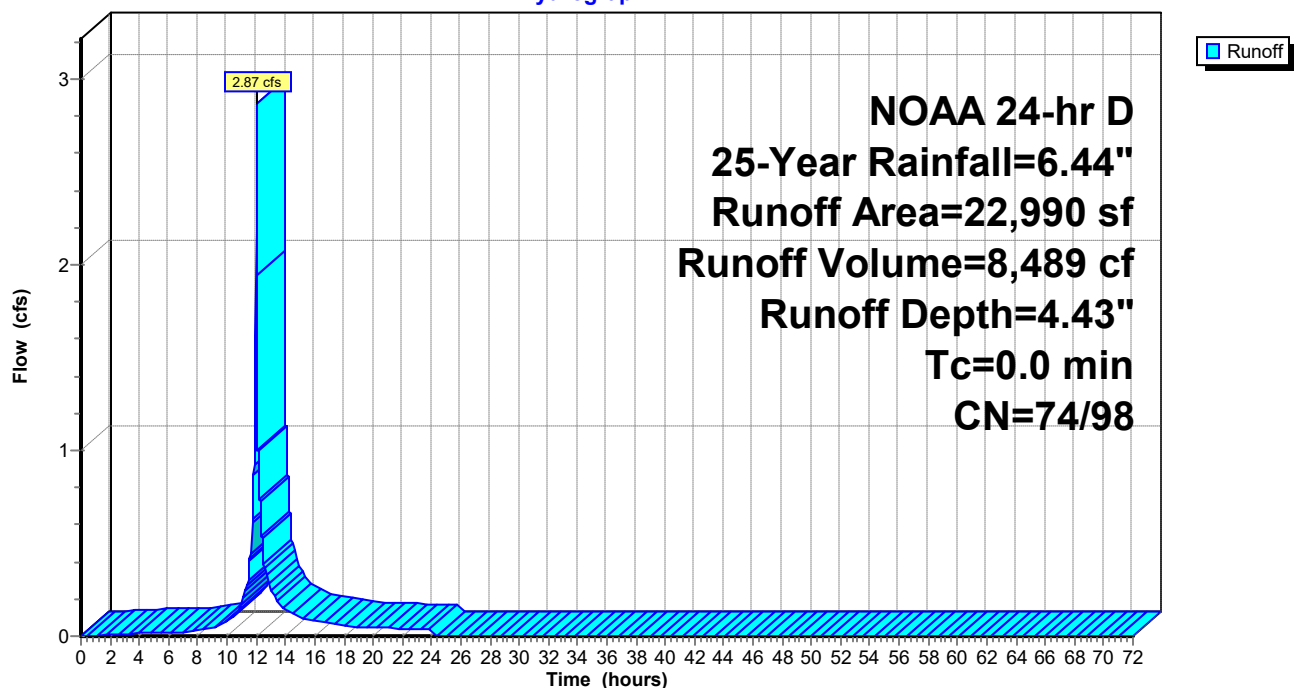
Runoff = 2.87 cfs @ 12.09 hrs, Volume= 8,489 cf, Depth= 4.43"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
NOAA 24-hr D 25-Year Rainfall=6.44"

	Area (sf)	CN	Description
*	7,593	98	Impervious Area
	3,897	74	>75% Grass cover, Good, HSG C
*	11,500	74	Sand Riding Area
	22,990	82	Weighted Average
	15,397	74	66.97% Pervious Area
	7,593	98	33.03% Impervious Area

Subcatchment PIPE 1: Pipe 1 Drainage

Hydrograph



2025-08-21_Pipe Capacity Calculations

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NOAA 24-hr D 25-Year Rainfall=6.44"

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Summary for Subcatchment PIPE 2: Pipe 2 Drainage

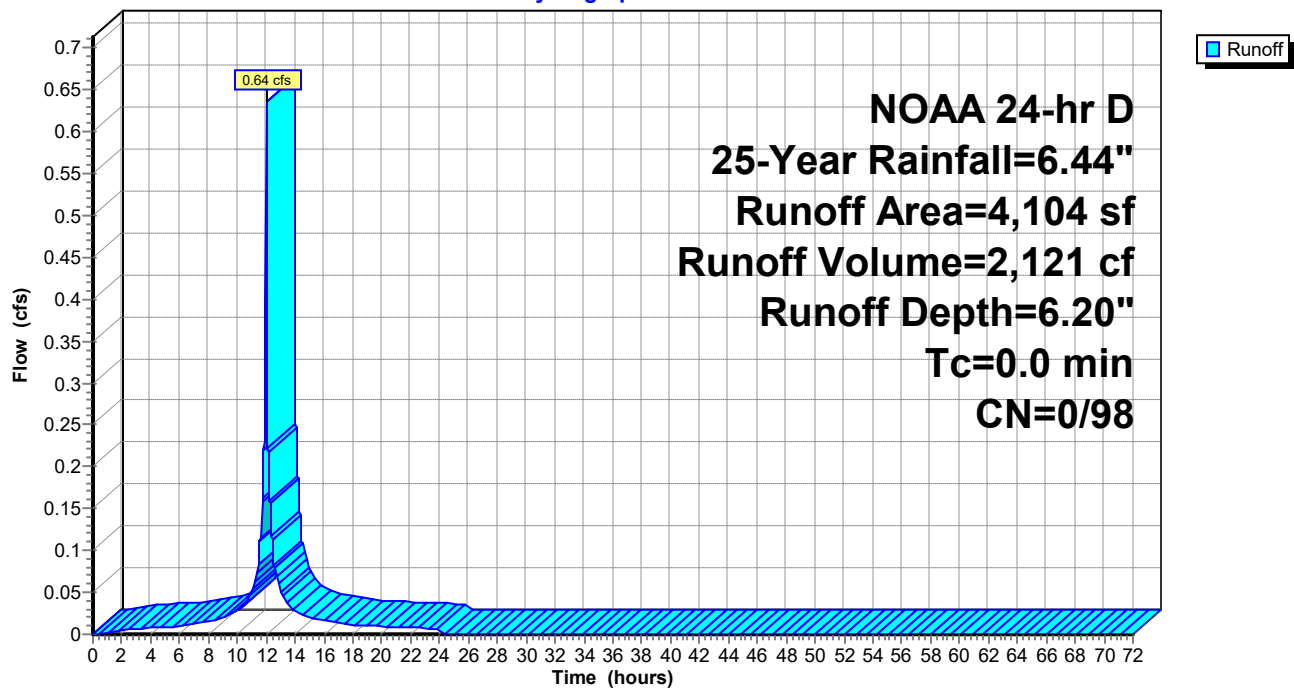
Runoff = 0.64 cfs @ 12.09 hrs, Volume= 2,121 cf, Depth= 6.20"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
NOAA 24-hr D 25-Year Rainfall=6.44"

	Area (sf)	CN	Description
*	4,104	98	Impervious Area
	4,104	98	100.00% Impervious Area

Subcatchment PIPE 2: Pipe 2 Drainage

Hydrograph



2025-08-21_Pipe Capacity Calculations

Prepared by Stonefield Engineering & Design

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NOAA 24-hr D 25-Year Rainfall=6.44"

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Summary for Subcatchment PIPE 3: Pipe 3 Drainage

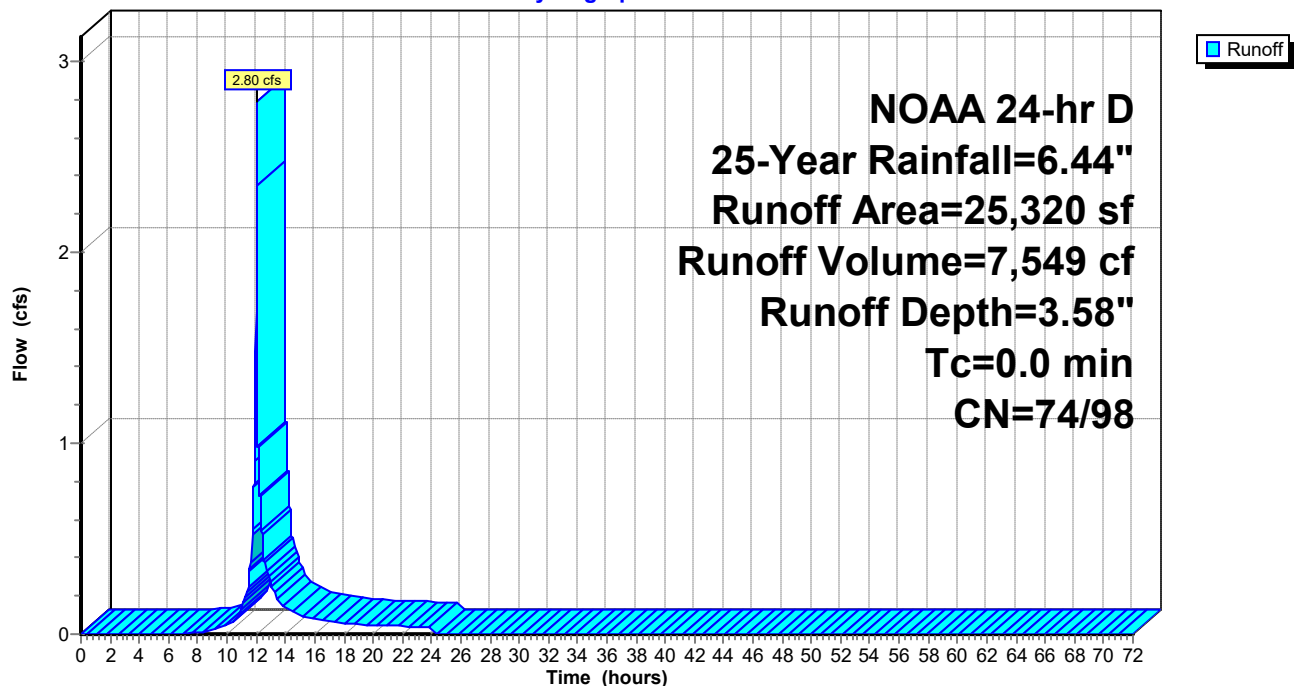
Runoff = 2.80 cfs @ 12.09 hrs, Volume= 7,549 cf, Depth= 3.58"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
NOAA 24-hr D 25-Year Rainfall=6.44"

	Area (sf)	CN	Description
*	188	98	Impervious Area
	2,557	74	>75% Grass cover, Good, HSG C
*	22,575	74	Sand Riding Area
	25,320	74	Weighted Average
	25,132	74	99.26% Pervious Area
	188	98	0.74% Impervious Area

Subcatchment PIPE 3: Pipe 3 Drainage

Hydrograph



2025-08-21_Pipe Capacity Calculations

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NOAA 24-hr D 25-Year Rainfall=6.44"

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Summary for Subcatchment PIPE 4: Pipe 4 Drainage

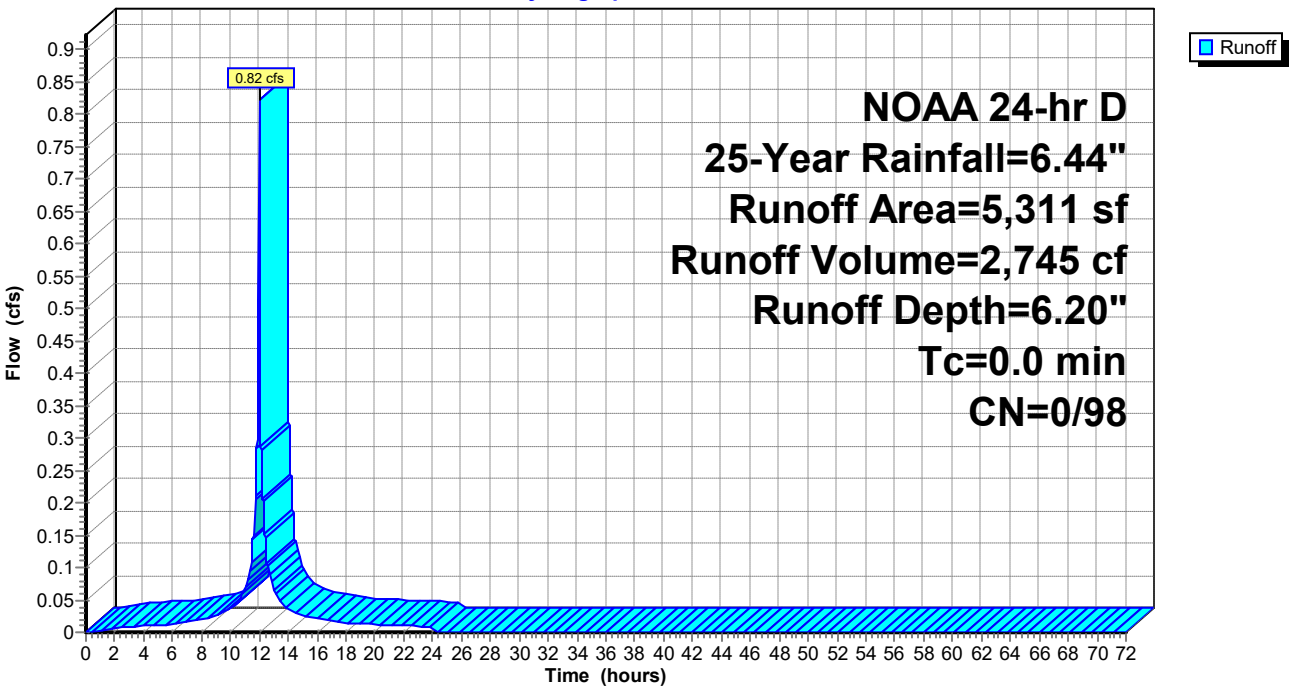
Runoff = 0.82 cfs @ 12.09 hrs, Volume= 2,745 cf, Depth= 6.20"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
NOAA 24-hr D 25-Year Rainfall=6.44"

	Area (sf)	CN	Description
*	5,311	98	Impervious Area
	5,311	98	100.00% Impervious Area

Subcatchment PIPE 4: Pipe 4 Drainage

Hydrograph



2025-08-21_Pipe Capacity Calculations

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NOAA 24-hr D 25-Year Rainfall=6.44"

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Summary for Subcatchment PIPE 5: Pipe 5 Drainage

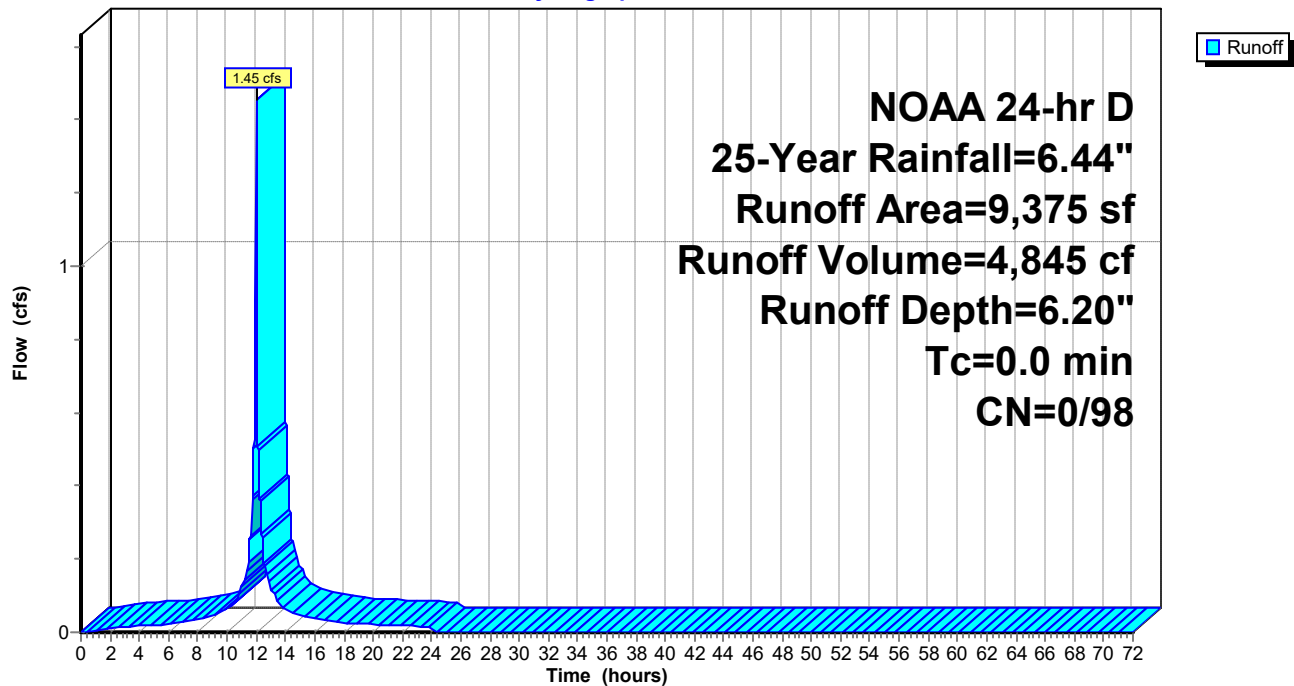
Runoff = 1.45 cfs @ 12.09 hrs, Volume= 4,845 cf, Depth= 6.20"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
NOAA 24-hr D 25-Year Rainfall=6.44"

	Area (sf)	CN	Description
*	9,375	98	impervious Area
	9,375	98	100.00% Impervious Area

Subcatchment PIPE 5: Pipe 5 Drainage

Hydrograph



2025-08-21_Pipe Capacity Calculations

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NOAA 24-hr D 25-Year Rainfall=6.44"

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Summary for Subcatchment PIPE 6: Pipe 6 Drainage

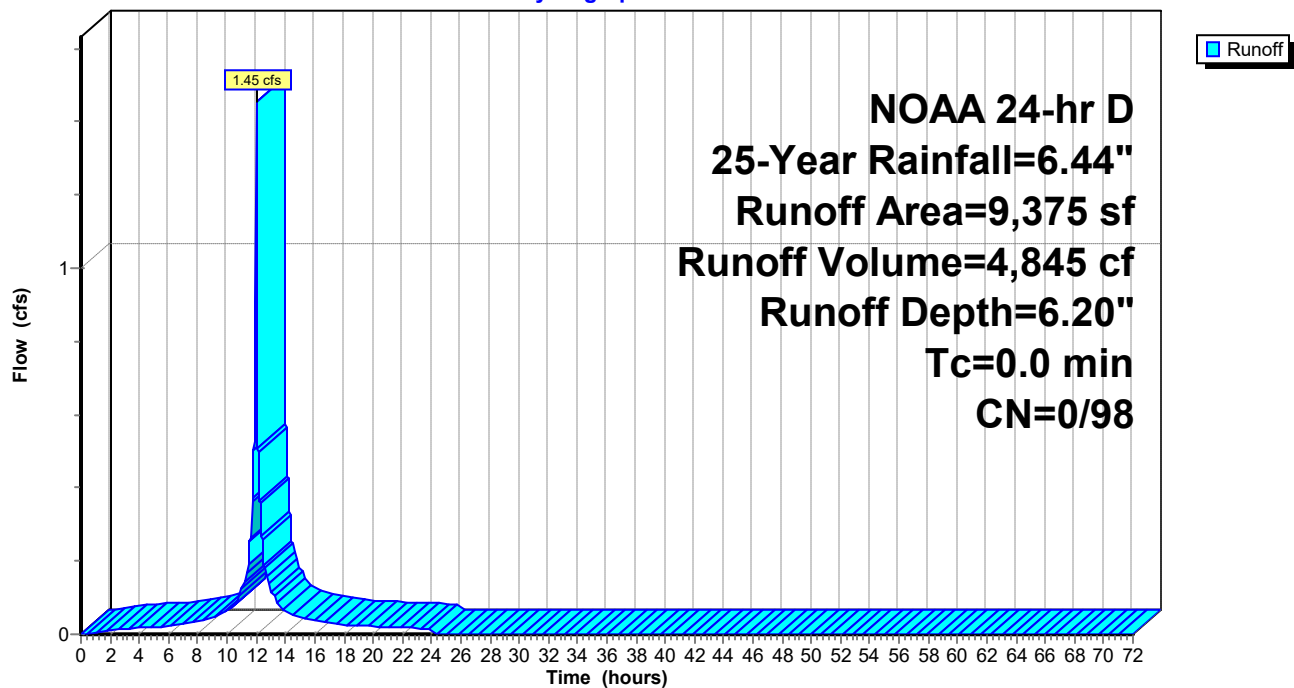
Runoff = 1.45 cfs @ 12.09 hrs, Volume= 4,845 cf, Depth= 6.20"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
NOAA 24-hr D 25-Year Rainfall=6.44"

	Area (sf)	CN	Description
*	9,375	98	Impervious Area
	9,375	98	100.00% Impervious Area

Subcatchment PIPE 6: Pipe 6 Drainage

Hydrograph



2025-08-21_Pipe Capacity Calculations

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NOAA 24-hr D 25-Year Rainfall=6.44"

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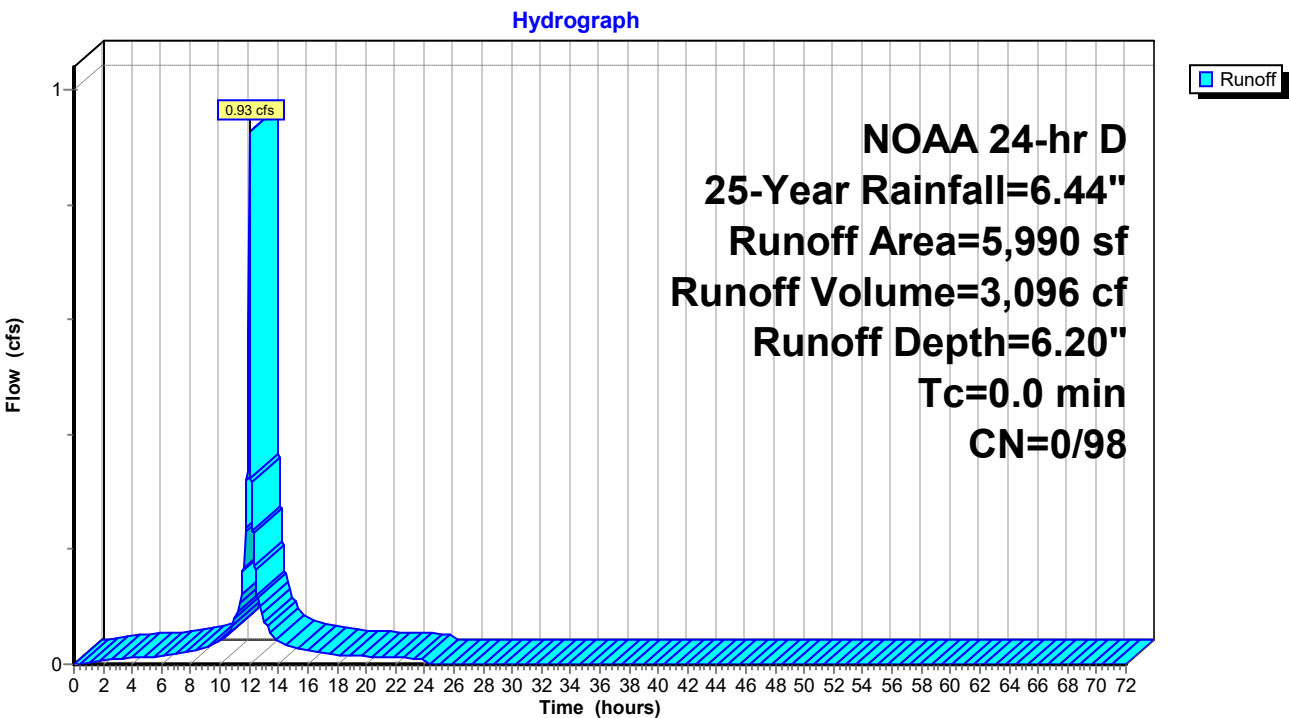
Summary for Subcatchment Pipe 7: Pipe 7 Drainage

Runoff = 0.93 cfs @ 12.09 hrs, Volume= 3,096 cf, Depth= 6.20"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
NOAA 24-hr D 25-Year Rainfall=6.44"

	Area (sf)	CN	Description
*	5,990	98	Impervious Area
	5,990	98	100.00% Impervious Area

Subcatchment Pipe 7: Pipe 7 Drainage



2025-08-21_Pipe Capacity Calculations

Prepared by Stonefield Engineering & Design

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NOAA 24-hr D 25-Year Rainfall=6.44"

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Summary for Subcatchment Pipe 8: Pipe 8 Drainage

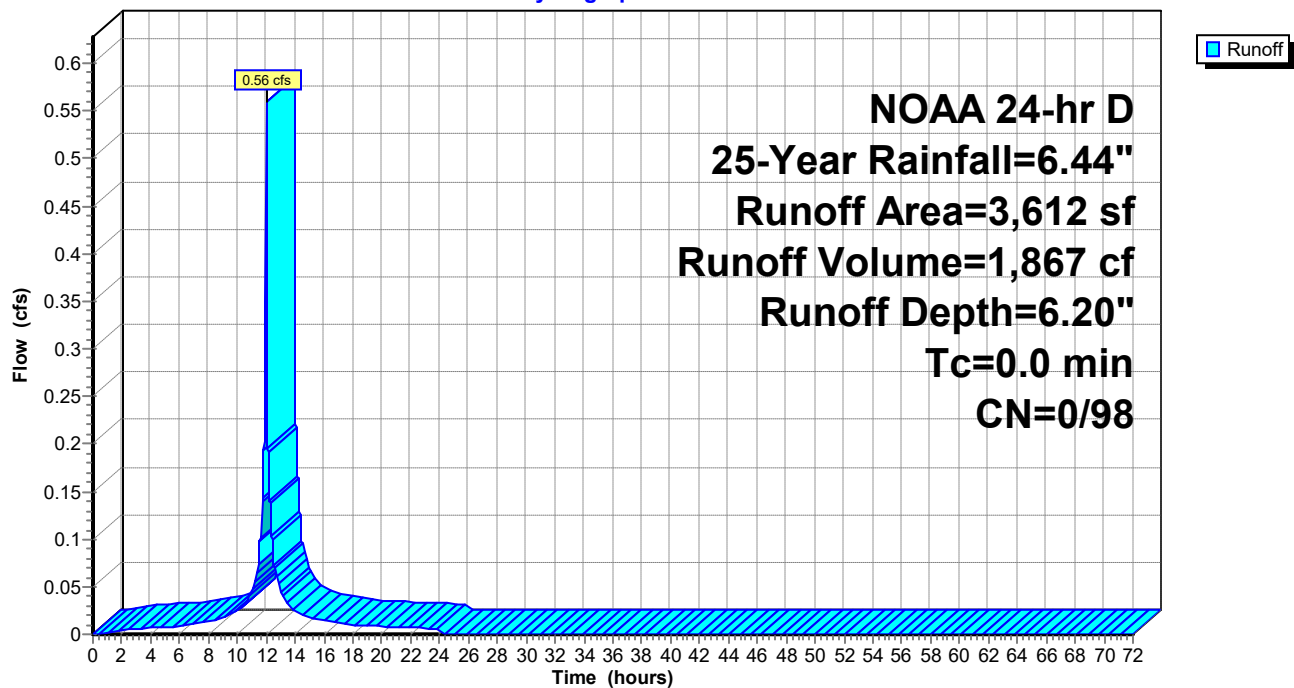
Runoff = 0.56 cfs @ 12.09 hrs, Volume= 1,867 cf, Depth= 6.20"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
NOAA 24-hr D 25-Year Rainfall=6.44"

	Area (sf)	CN	Description
*	3,612	98	Impervious Area
	3,612	98	100.00% Impervious Area

Subcatchment Pipe 8: Pipe 8 Drainage

Hydrograph



2025-08-21_Pipe Capacity Calculations

Prepared by Stonefield Engineering & Design

HydroCAD® 10.20-5c s/n 06682 © 2023 HydroCAD Software Solutions LLC

NOAA 24-hr D 25-Year Rainfall=6.44"

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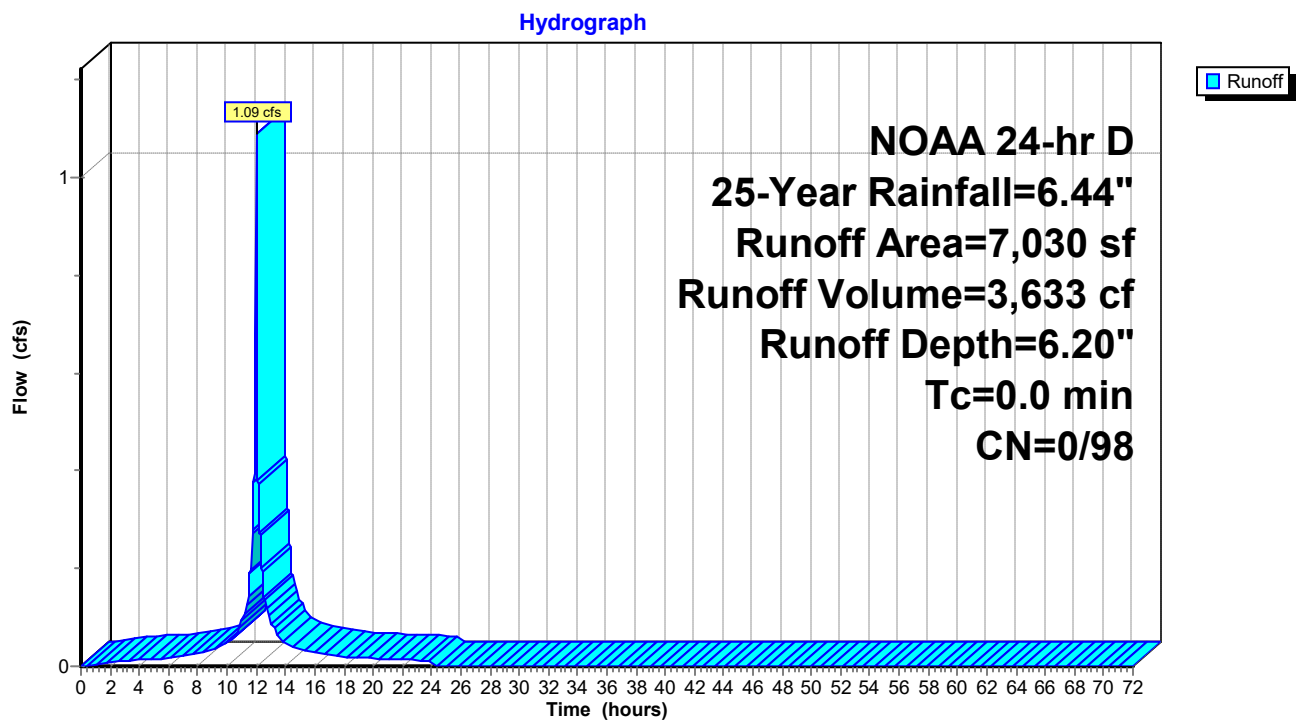
Summary for Subcatchment Pipe 9: Pipe 9

Runoff = 1.09 cfs @ 12.09 hrs, Volume= 3,633 cf, Depth= 6.20"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
NOAA 24-hr D 25-Year Rainfall=6.44"

	Area (sf)	CN	Description
*	7,030	98	Impervious Area
	7,030	98	100.00% Impervious Area

Subcatchment Pipe 9: Pipe 9

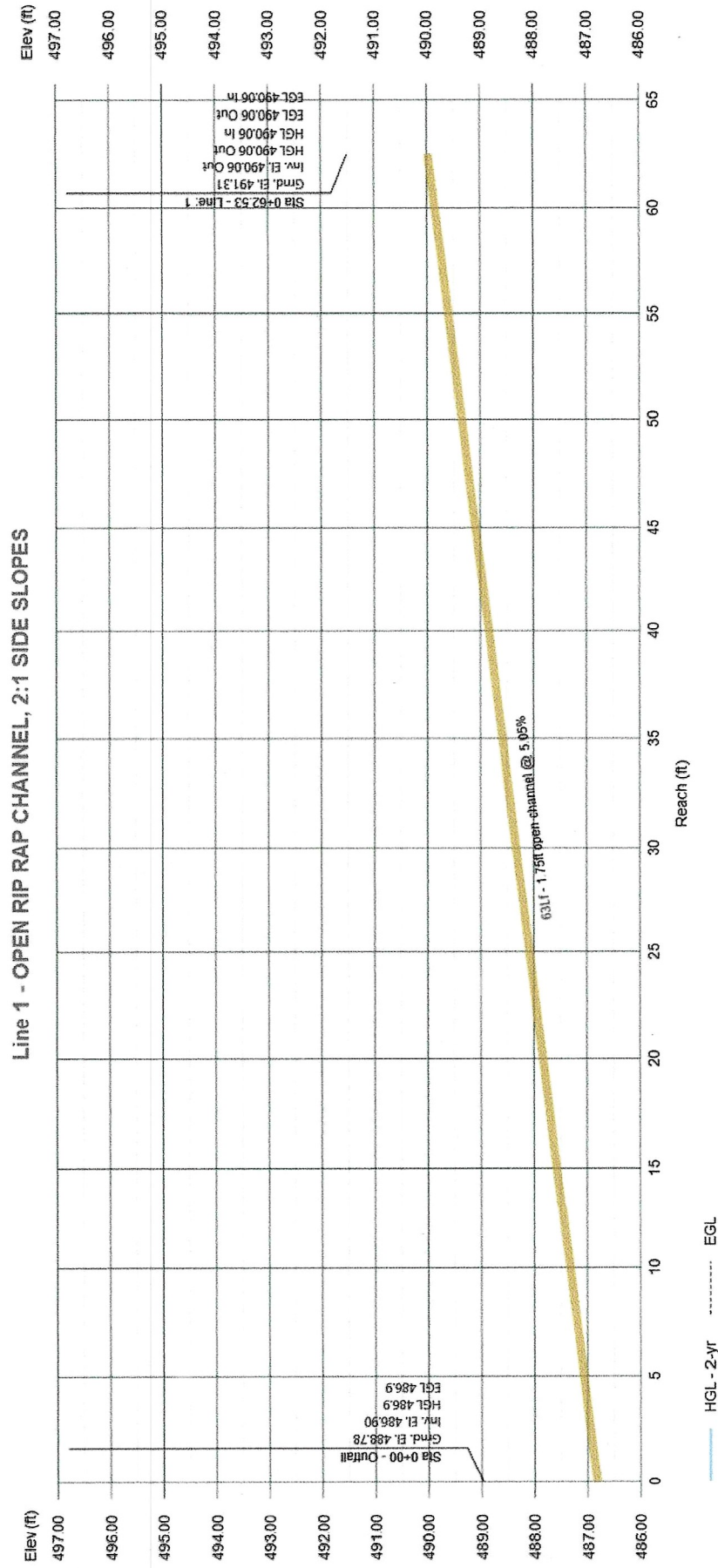


Profile View

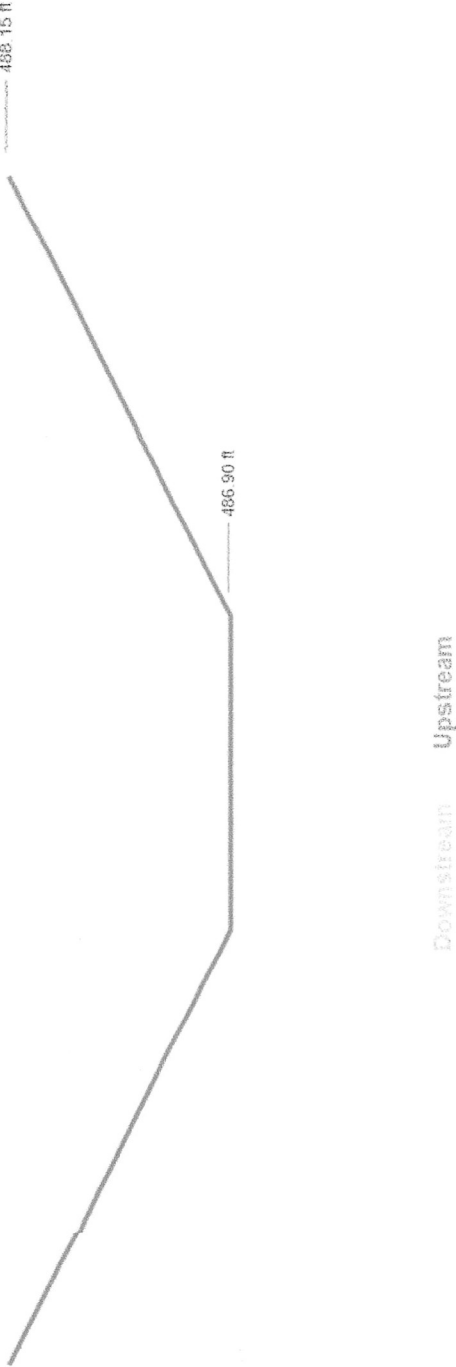
Stormwater Studio 2025 v 3.0.0.39

Project Name: MONTCLAIR STABLES

08-20-2025

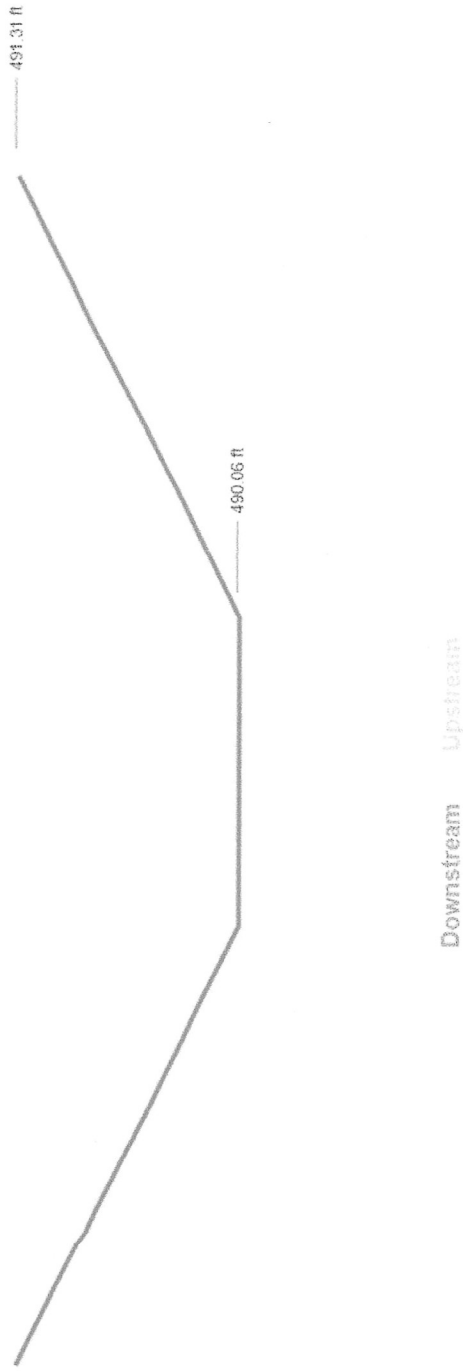


RIPRAP CHANNEL, 1.75' BOTTOM WIDTH, 2:1 SIDE SLOPES
Open Channel Section, Downstream



RIPRAP CHANNEL, 1.75' BOTTOM WIDTH, 2:1 SIDE SLOPES

Open Channel Section, Upstream



Custom1 Report

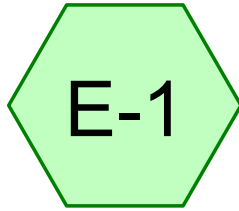
Project Name: MONTCLAIR STABLES
08-20-2025

Stor rmwater Studio 2025 v 3.0.0.39

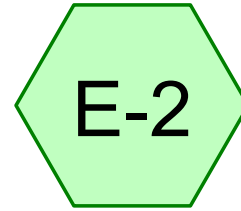
Line No.	Line Size (in)	Line Slope (%)	Line Type	n-value Pipe	Capac. Full (cfs)	Incr Q (cfs)	DnStrm Line No.	Invert Dn (ft)	Invert Up (ft)	Line Type	
1	15 x 21	5.05	Chnl	0.030	47.68	0.00	Outfall	486.90	490.06	Chnl	

Notes: IDF File = SampleIDF.idf, Return Period = 2-ys.

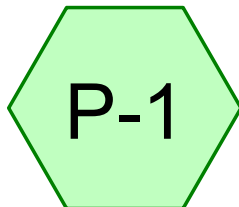
Project File: MONTCLAIR STABLES.sws



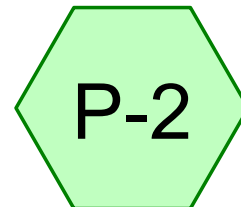
Existing Drainage to
Woodland Avenue



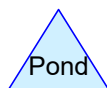
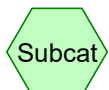
Existing Drainage to
Nicholas Avenue



Proposed Drainage to
Woodland Avenue



Proposed Drainage to
Nicholas Avenue



Time span=0.00-72.00 hrs, dt=0.01 hrs, 7201 points
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv.
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment E-1: Existing Drainage to Runoff Area=32,101 sf 45.25% Impervious Runoff Depth=2.13"
Flow Length=147' Tc=2.6 min CN=74/98 Runoff=1.84 cfs 5,704 cf

Subcatchment E-2: Existing Drainage to Runoff Area=143,746 sf 24.72% Impervious Runoff Depth=1.86"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=7.56 cfs 22,283 cf

Subcatchment P-1: Proposed Drainage to Runoff Area=32,238 sf 36.29% Impervious Runoff Depth=1.95"
Flow Length=178' Tc=2.6 min CN=74/98 Runoff=1.73 cfs 5,242 cf

Subcatchment P-2: Proposed Drainage to Runoff Area=143,609 sf 24.31% Impervious Runoff Depth=1.85"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=7.53 cfs 22,172 cf

Total Runoff Area = 351,694 sf Runoff Volume = 55,400 cf Average Runoff Depth = 1.89"
72.51% Pervious = 255,029 sf 27.49% Impervious = 96,665 sf

Summary for Subcatchment E-1: Existing Drainage to Woodland Avenue

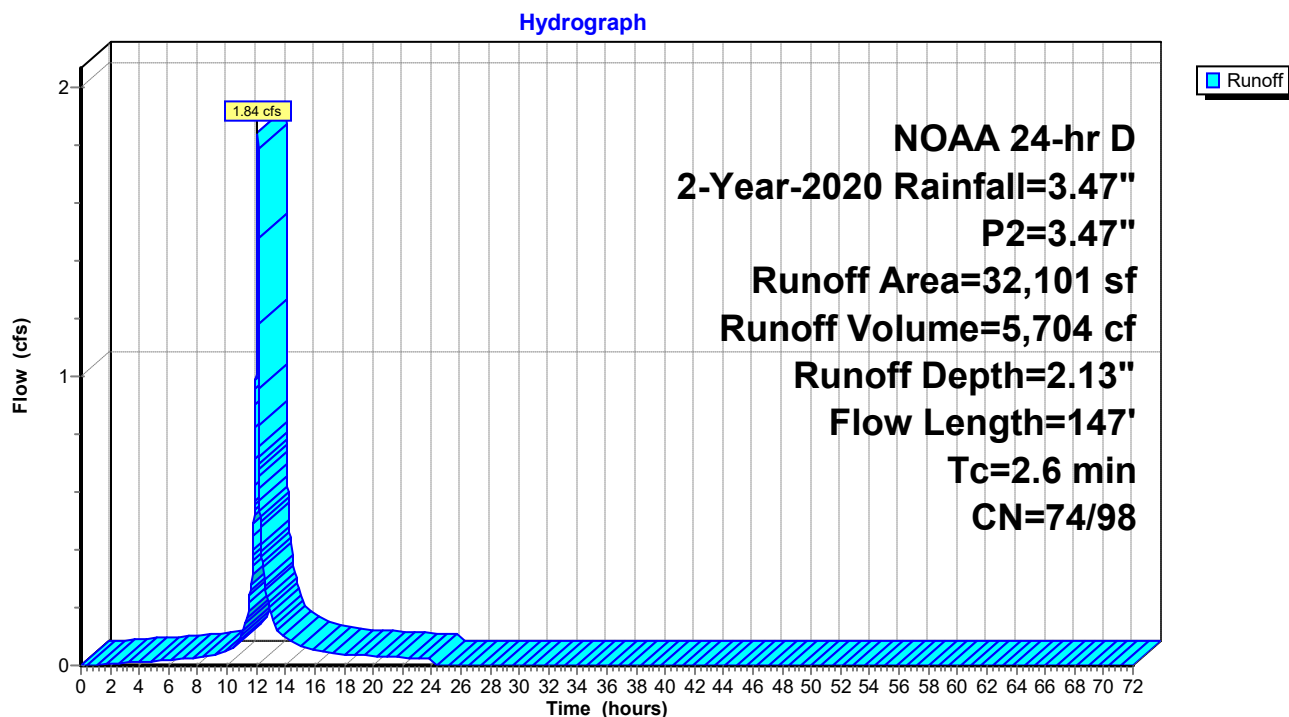
Runoff = 1.84 cfs @ 12.10 hrs, Volume= 5,704 cf, Depth= 2.13"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

	Area (sf)	CN	Description
*	14,526	98	Impervious Surface
	17,575	74	>75% Grass cover, Good, HSG C
	32,101	85	Weighted Average
	17,575	74	54.75% Pervious Area
	14,526	98	45.25% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.9	19	0.0389	0.17		Sheet Flow, A1-1-A1-2 Grass: Short n= 0.150 P2= 3.47"
0.1	24	0.0367	3.89		Shallow Concentrated Flow, A1-2-A1-3 Paved Kv= 20.3 fps
0.2	33	0.0303	3.53		Shallow Concentrated Flow, A1-3-A1-4 Paved Kv= 20.3 fps
0.3	41	0.0244	2.51		Shallow Concentrated Flow, A1-4-A1-5 Unpaved Kv= 16.1 fps
0.1	30	0.0430	3.34		Shallow Concentrated Flow, A1-5-A1-6 Unpaved Kv= 16.1 fps
2.6	147	Total			

Subcatchment E-1: Existing Drainage to Woodland Avenue



Summary for Subcatchment E-2: Existing Drainage to Nicholas Avenue

Runoff = 7.56 cfs @ 12.11 hrs, Volume= 22,283 cf, Depth= 1.86"
 Routed to nonexistent node POI-2

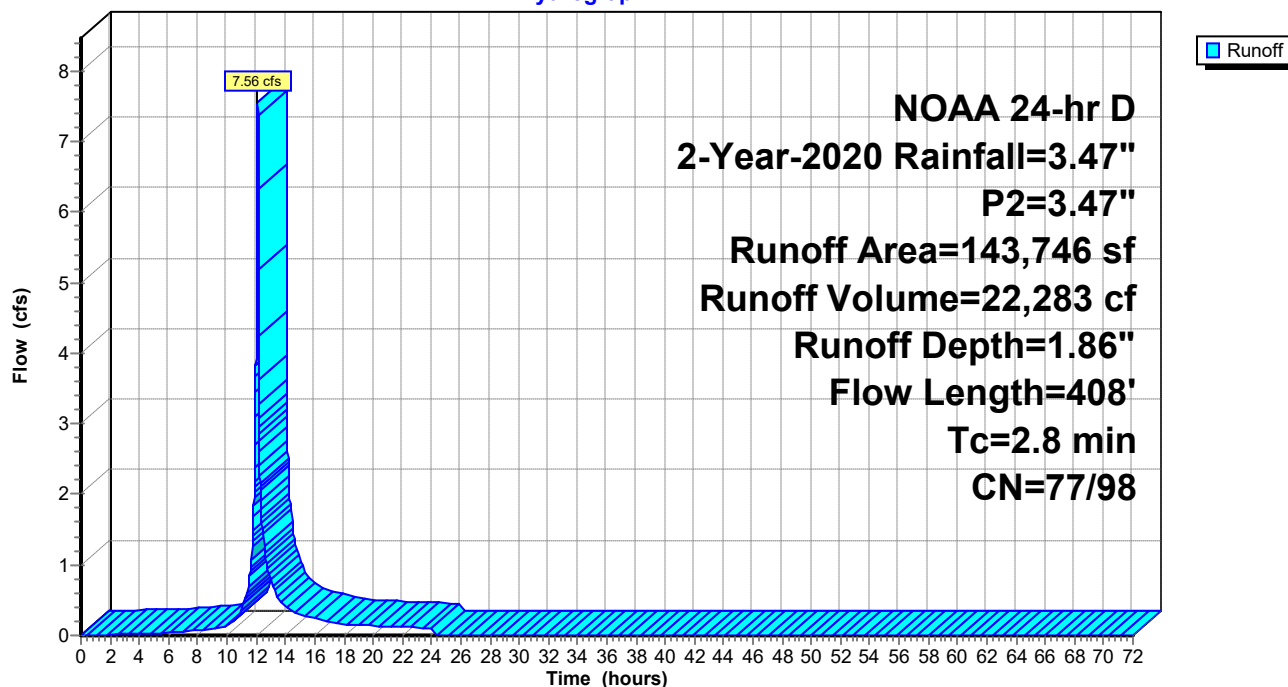
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

	Area (sf)	CN	Description
*	35,530	98	Impervious Surface
	58,832	74	>75% Grass cover, Good, HSG C
	4,420	70	Woods, Good, HSG C
*	27,460	74	Sand Riding Area
*	17,504	96	Gravel surface
	143,746	82	Weighted Average
	108,216	77	75.28% Pervious Area
	35,530	98	24.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.04		Sheet Flow, D1-D2 Smooth surfaces n= 0.011 P2= 3.47"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3 Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4 Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5 Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6 Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7 Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8 Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9 Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10 Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11 Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12 Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13 Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment E-2: Existing Drainage to Nicholas Avenue

Hydrograph



Summary for Subcatchment P-1: Proposed Drainage to Woodland Avenue

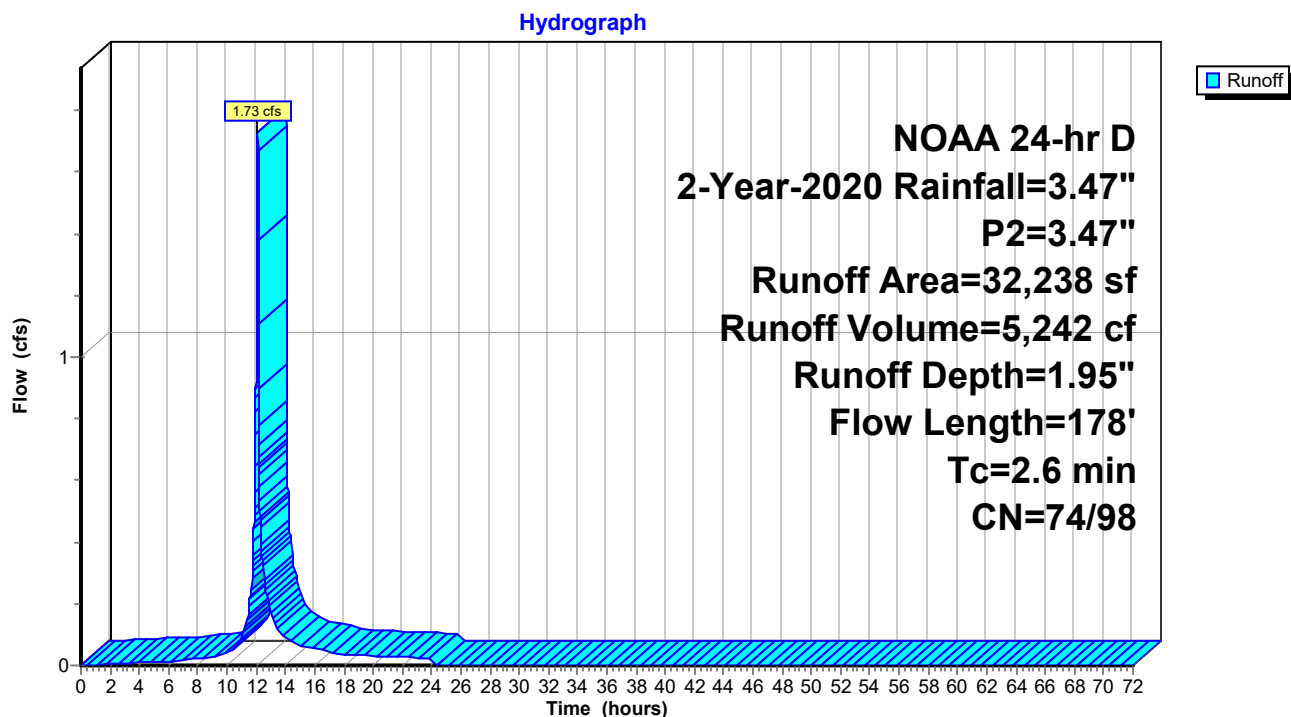
Runoff = 1.73 cfs @ 12.11 hrs, Volume= 5,242 cf, Depth= 1.95"
 Routed to nonexistent node P0I-1

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

	Area (sf)	CN	Description
*	11,698	98	Impervious Surface
	9,040	74	>75% Grass cover, Good, HSG C
*	11,500	74	Sand Riding Area
	32,238	83	Weighted Average
	20,540	74	63.71% Pervious Area
	11,698	98	36.29% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8	23	0.0652	0.21		Sheet Flow, B1-B2
					Grass: Short n= 0.150 P2= 3.47"
0.1	9	0.0110	2.13		Shallow Concentrated Flow, B2-B3
					Paved Kv= 20.3 fps
0.2	41	0.0220	3.01		Shallow Concentrated Flow, B3-B4
					Paved Kv= 20.3 fps
0.2	43	0.0470	4.40		Shallow Concentrated Flow, B4-B5
					Paved Kv= 20.3 fps
0.2	36	0.0280	3.40		Shallow Concentrated Flow, B5-B6
					Paved Kv= 20.3 fps
0.1	26	0.0310	3.57		Shallow Concentrated Flow, B6-B7
					Paved Kv= 20.3 fps
2.6	178	Total			

Subcatchment P-1: Proposed Drainage to Woodland Avenue



Summary for Subcatchment P-2: Proposed Drainage to Nicholas Avenue

Runoff = 7.53 cfs @ 12.11 hrs, Volume= 22,172 cf, Depth= 1.85"
 Routed to nonexistent node P0I-2

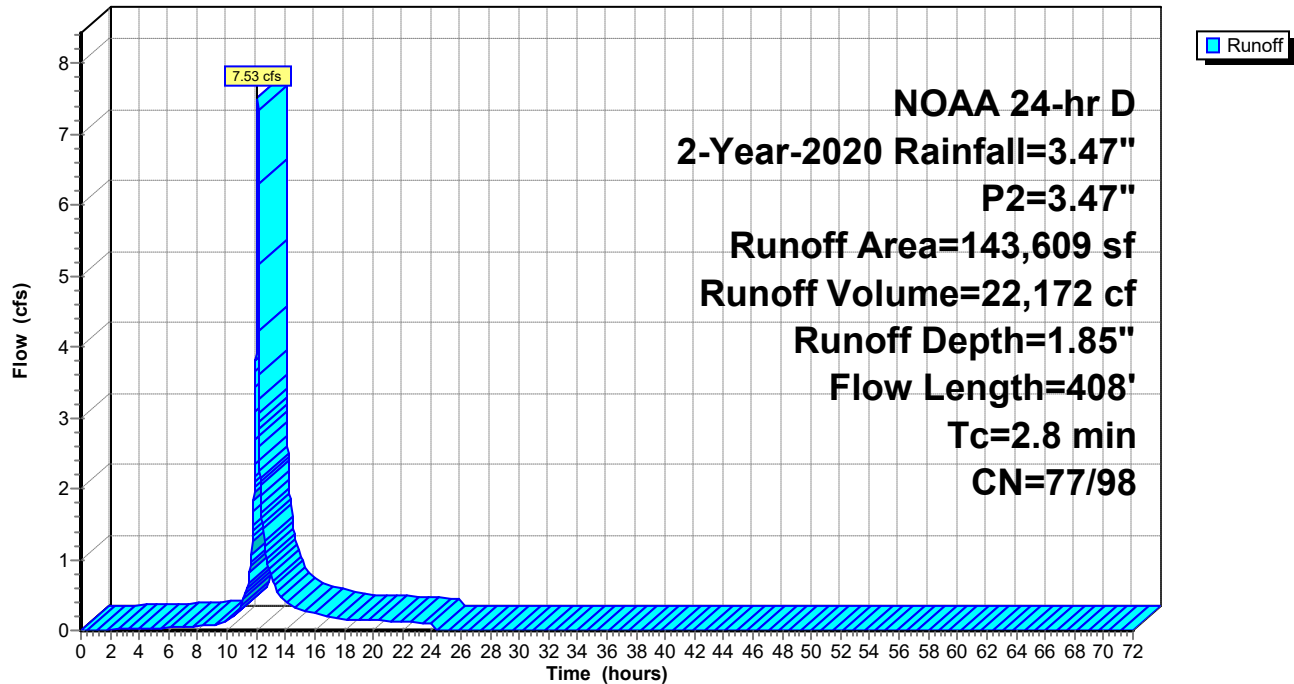
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

	Area (sf)	CN	Description
*	34,911	98	Impervious Surface
	69,978	74	>75% Grass cover, Good, HSG C
*	22,575	74	Sand Riding Area
*	16,145	96	Gravel surface
	143,609	82	Weighted Average
	108,698	77	75.69% Pervious Area
	34,911	98	24.31% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.04		Sheet Flow, D1-D2
					Smooth surfaces n= 0.011 P2= 3.47"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3
					Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4
					Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5
					Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6
					Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7
					Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8
					Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9
					Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10
					Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11
					Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12
					Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13
					Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment P-2: Proposed Drainage to Nicholas Avenue

Hydrograph



Time span=0.00-72.00 hrs, dt=0.01 hrs, 7201 points
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv.
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment E-1: Existing Drainage to Runoff Area=32,101 sf 45.25% Impervious Runoff Depth=3.79"
Flow Length=147' Tc=2.6 min CN=74/98 Runoff=3.29 cfs 10,137 cf

Subcatchment E-2: Existing Drainage to Runoff Area=143,746 sf 24.72% Impervious Runoff Depth=3.49"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=14.15 cfs 41,775 cf

Subcatchment P-1: Proposed Drainage to Runoff Area=32,238 sf 36.29% Impervious Runoff Depth=3.57"
Flow Length=178' Tc=2.6 min CN=74/98 Runoff=3.16 cfs 9,585 cf

Subcatchment P-2: Proposed Drainage to Runoff Area=143,609 sf 24.31% Impervious Runoff Depth=3.48"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=14.11 cfs 41,628 cf

Total Runoff Area = 351,694 sf Runoff Volume = 103,125 cf Average Runoff Depth = 3.52"
72.51% Pervious = 255,029 sf 27.49% Impervious = 96,665 sf

Summary for Subcatchment E-1: Existing Drainage to Woodland Avenue

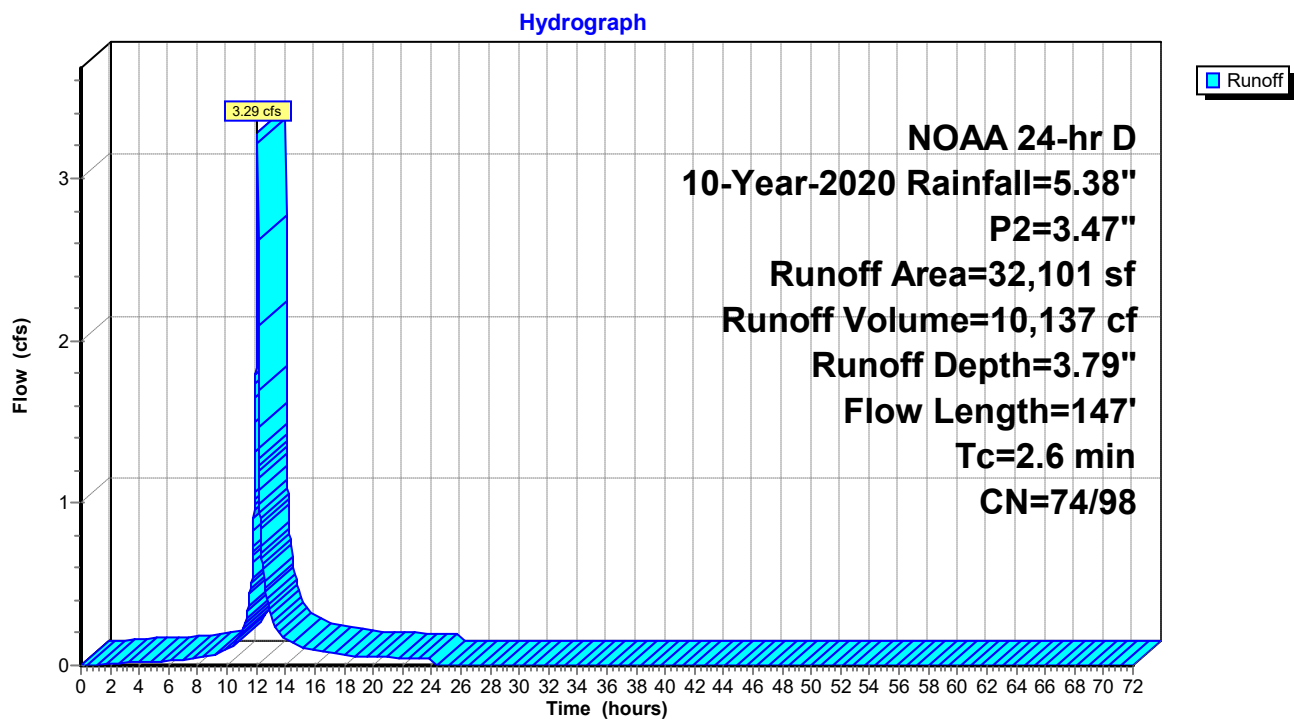
Runoff = 3.29 cfs @ 12.10 hrs, Volume= 10,137 cf, Depth= 3.79"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 10-Year-2020 Rainfall=5.38", P2=3.47"

	Area (sf)	CN	Description
*	14,526	98	Impervious Surface
	17,575	74	>75% Grass cover, Good, HSG C
	32,101	85	Weighted Average
	17,575	74	54.75% Pervious Area
	14,526	98	45.25% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.9	19	0.0389	0.17		Sheet Flow, A1-1-A1-2 Grass: Short n= 0.150 P2= 3.47"
0.1	24	0.0367	3.89		Shallow Concentrated Flow, A1-2-A1-3 Paved Kv= 20.3 fps
0.2	33	0.0303	3.53		Shallow Concentrated Flow, A1-3-A1-4 Paved Kv= 20.3 fps
0.3	41	0.0244	2.51		Shallow Concentrated Flow, A1-4-A1-5 Unpaved Kv= 16.1 fps
0.1	30	0.0430	3.34		Shallow Concentrated Flow, A1-5-A1-6 Unpaved Kv= 16.1 fps
2.6	147	Total			

Subcatchment E-1: Existing Drainage to Woodland Avenue



Summary for Subcatchment E-2: Existing Drainage to Nicholas Avenue

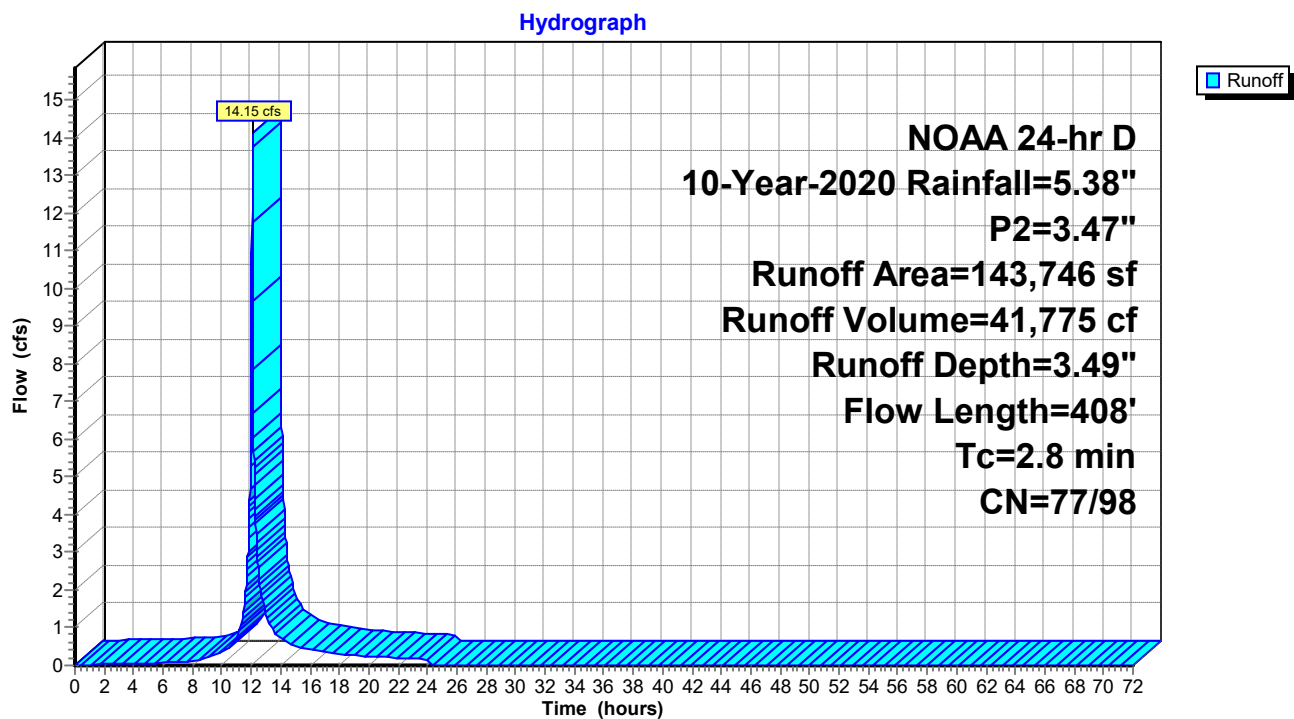
Runoff = 14.15 cfs @ 12.11 hrs, Volume= 41,775 cf, Depth= 3.49"
 Routed to nonexistent node POI-2

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 10-Year-2020 Rainfall=5.38", P2=3.47"

	Area (sf)	CN	Description
*	35,530	98	Impervious Surface
	58,832	74	>75% Grass cover, Good, HSG C
	4,420	70	Woods, Good, HSG C
*	27,460	74	Sand Riding Area
*	17,504	96	Gravel surface
	143,746	82	Weighted Average
	108,216	77	75.28% Pervious Area
	35,530	98	24.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.04		Sheet Flow, D1-D2 Smooth surfaces n= 0.011 P2= 3.47"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3 Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4 Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5 Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6 Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7 Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8 Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9 Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10 Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11 Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12 Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13 Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment E-2: Existing Drainage to Nicholas Avenue



Summary for Subcatchment P-1: Proposed Drainage to Woodland Avenue

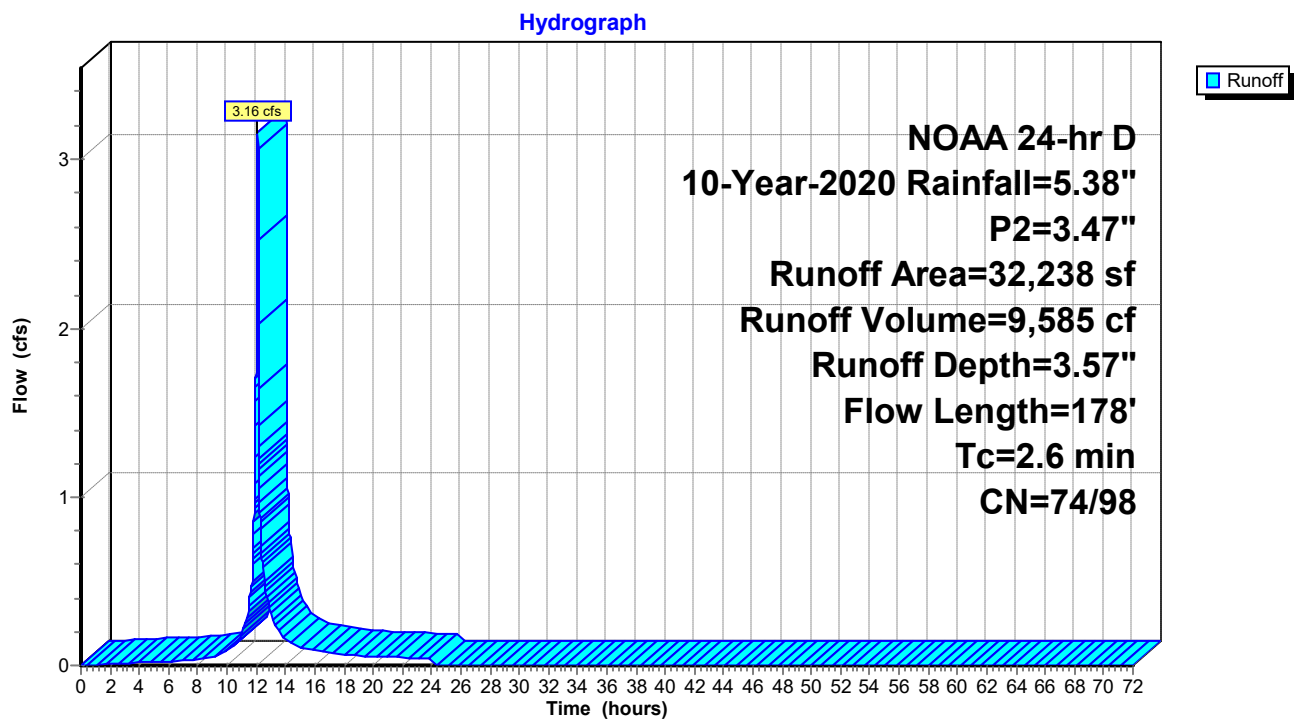
Runoff = 3.16 cfs @ 12.10 hrs, Volume= 9,585 cf, Depth= 3.57"
 Routed to nonexistent node P0I-1

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 10-Year-2020 Rainfall=5.38", P2=3.47"

	Area (sf)	CN	Description
*	11,698	98	Impervious Surface
	9,040	74	>75% Grass cover, Good, HSG C
*	11,500	74	Sand Riding Area
	32,238	83	Weighted Average
	20,540	74	63.71% Pervious Area
	11,698	98	36.29% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8	23	0.0652	0.21		Sheet Flow, B1-B2 Grass: Short n= 0.150 P2= 3.47"
0.1	9	0.0110	2.13		Shallow Concentrated Flow, B2-B3 Paved Kv= 20.3 fps
0.2	41	0.0220	3.01		Shallow Concentrated Flow, B3-B4 Paved Kv= 20.3 fps
0.2	43	0.0470	4.40		Shallow Concentrated Flow, B4-B5 Paved Kv= 20.3 fps
0.2	36	0.0280	3.40		Shallow Concentrated Flow, B5-B6 Paved Kv= 20.3 fps
0.1	26	0.0310	3.57		Shallow Concentrated Flow, B6-B7 Paved Kv= 20.3 fps
2.6	178	Total			

Subcatchment P-1: Proposed Drainage to Woodland Avenue



Summary for Subcatchment P-2: Proposed Drainage to Nicholas Avenue

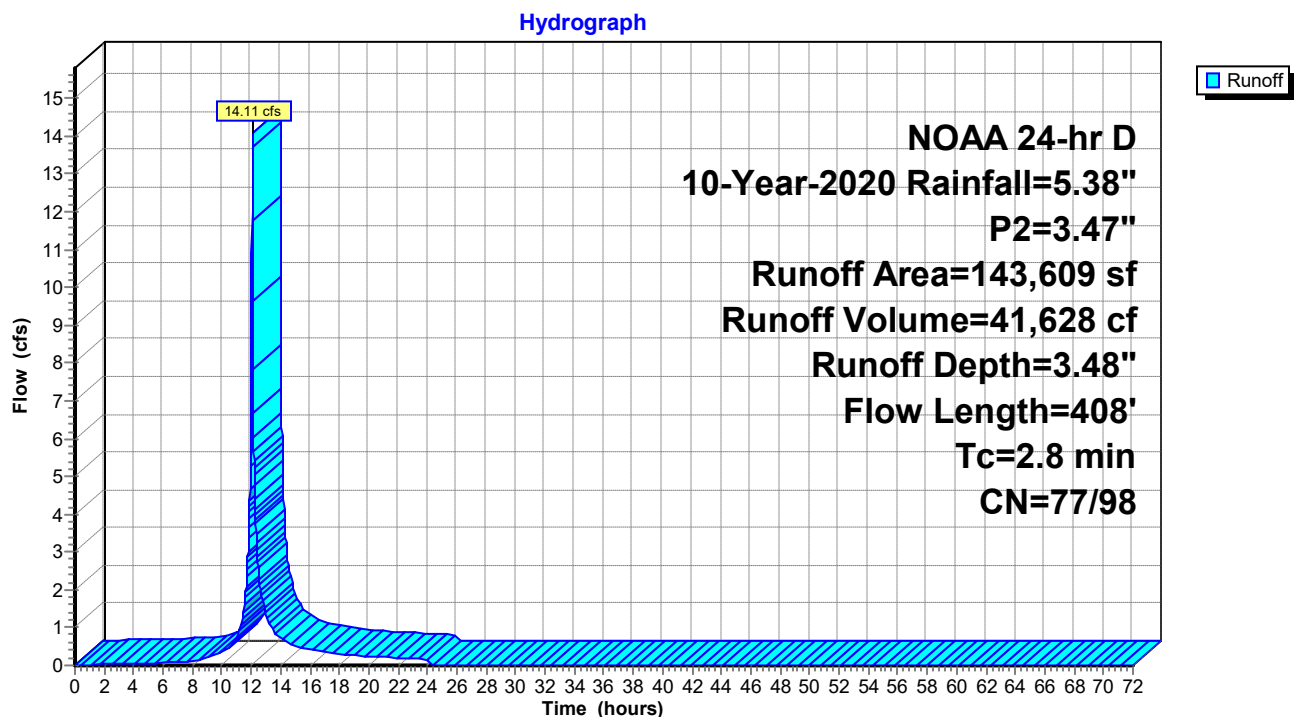
Runoff = 14.11 cfs @ 12.11 hrs, Volume= 41,628 cf, Depth= 3.48"
 Routed to nonexistent node P0I-2

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 10-Year-2020 Rainfall=5.38", P2=3.47"

	Area (sf)	CN	Description
*	34,911	98	Impervious Surface
	69,978	74	>75% Grass cover, Good, HSG C
*	22,575	74	Sand Riding Area
*	16,145	96	Gravel surface
	143,609	82	Weighted Average
	108,698	77	75.69% Pervious Area
	34,911	98	24.31% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.04		Sheet Flow, D1-D2
					Smooth surfaces n= 0.011 P2= 3.47"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3
					Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4
					Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5
					Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6
					Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7
					Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8
					Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9
					Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10
					Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11
					Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12
					Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13
					Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment P-2: Proposed Drainage to Nicholas Avenue



Time span=0.00-72.00 hrs, dt=0.01 hrs, 7201 points
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv.
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment E-1: Existing Drainage to Runoff Area=32,101 sf 45.25% Impervious Runoff Depth=7.33"
Flow Length=147' Tc=2.6 min CN=74/98 Runoff=6.29 cfs 19,599 cf

Subcatchment E-2: Existing Drainage to Runoff Area=143,746 sf 24.72% Impervious Runoff Depth=7.00"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=27.67 cfs 83,884 cf

Subcatchment P-1: Proposed Drainage to Runoff Area=32,238 sf 36.29% Impervious Runoff Depth=7.06"
Flow Length=178' Tc=2.6 min CN=74/98 Runoff=6.19 cfs 18,973 cf

Subcatchment P-2: Proposed Drainage to Runoff Area=143,609 sf 24.31% Impervious Runoff Depth=6.99"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=27.62 cfs 83,679 cf

Total Runoff Area = 351,694 sf Runoff Volume = 206,135 cf Average Runoff Depth = 7.03"
72.51% Pervious = 255,029 sf 27.49% Impervious = 96,665 sf

Summary for Subcatchment E-1: Existing Drainage to Woodland Avenue

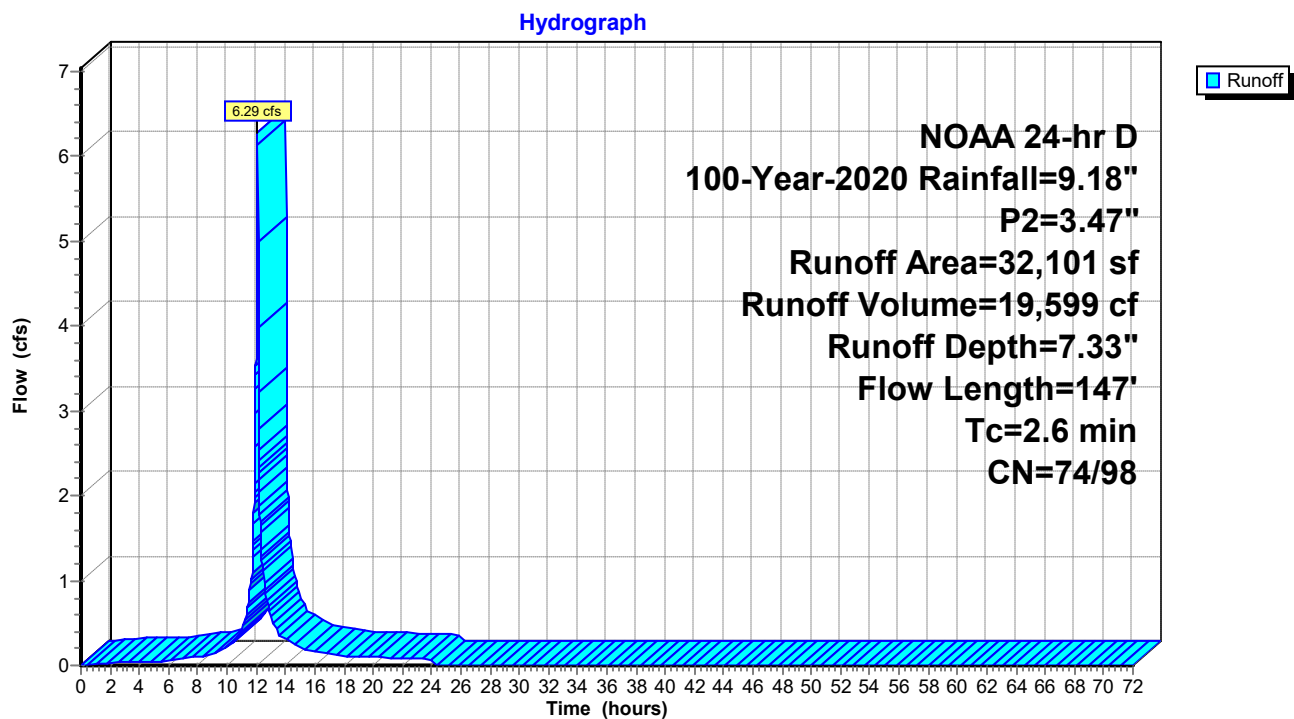
Runoff = 6.29 cfs @ 12.10 hrs, Volume= 19,599 cf, Depth= 7.33"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 100-Year-2020 Rainfall=9.18", P2=3.47"

	Area (sf)	CN	Description
*	14,526	98	Impervious Surface
	17,575	74	>75% Grass cover, Good, HSG C
	32,101	85	Weighted Average
	17,575	74	54.75% Pervious Area
	14,526	98	45.25% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.9	19	0.0389	0.17		Sheet Flow, A1-1-A1-2 Grass: Short n= 0.150 P2= 3.47"
0.1	24	0.0367	3.89		Shallow Concentrated Flow, A1-2-A1-3 Paved Kv= 20.3 fps
0.2	33	0.0303	3.53		Shallow Concentrated Flow, A1-3-A1-4 Paved Kv= 20.3 fps
0.3	41	0.0244	2.51		Shallow Concentrated Flow, A1-4-A1-5 Unpaved Kv= 16.1 fps
0.1	30	0.0430	3.34		Shallow Concentrated Flow, A1-5-A1-6 Unpaved Kv= 16.1 fps
2.6	147	Total			

Subcatchment E-1: Existing Drainage to Woodland Avenue



Summary for Subcatchment E-2: Existing Drainage to Nicholas Avenue

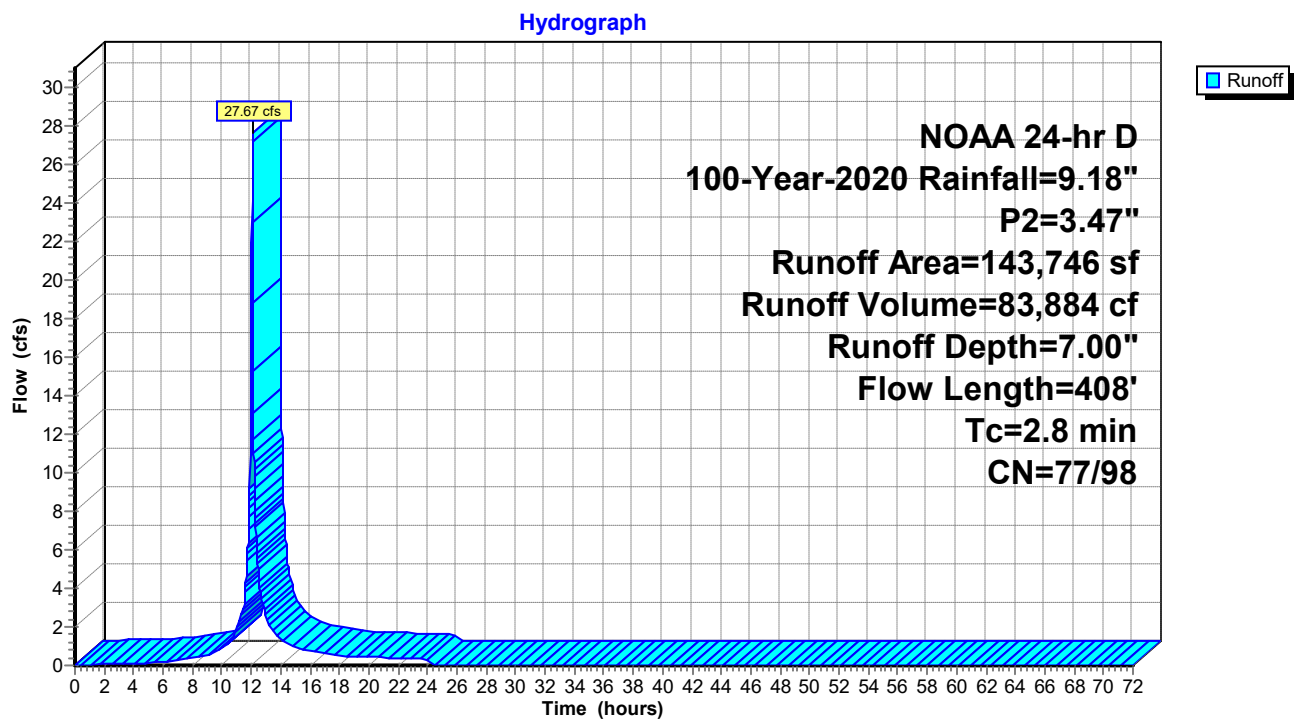
Runoff = 27.67 cfs @ 12.10 hrs, Volume= 83,884 cf, Depth= 7.00"
 Routed to nonexistent node POI-2

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 100-Year-2020 Rainfall=9.18", P2=3.47"

	Area (sf)	CN	Description
*	35,530	98	Impervious Surface
	58,832	74	>75% Grass cover, Good, HSG C
	4,420	70	Woods, Good, HSG C
*	27,460	74	Sand Riding Area
*	17,504	96	Gravel surface
	143,746	82	Weighted Average
	108,216	77	75.28% Pervious Area
	35,530	98	24.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.04		Sheet Flow, D1-D2
					Smooth surfaces n= 0.011 P2= 3.47"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3
					Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4
					Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5
					Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6
					Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7
					Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8
					Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9
					Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10
					Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11
					Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12
					Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13
					Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment E-2: Existing Drainage to Nicholas Avenue



Summary for Subcatchment P-1: Proposed Drainage to Woodland Avenue

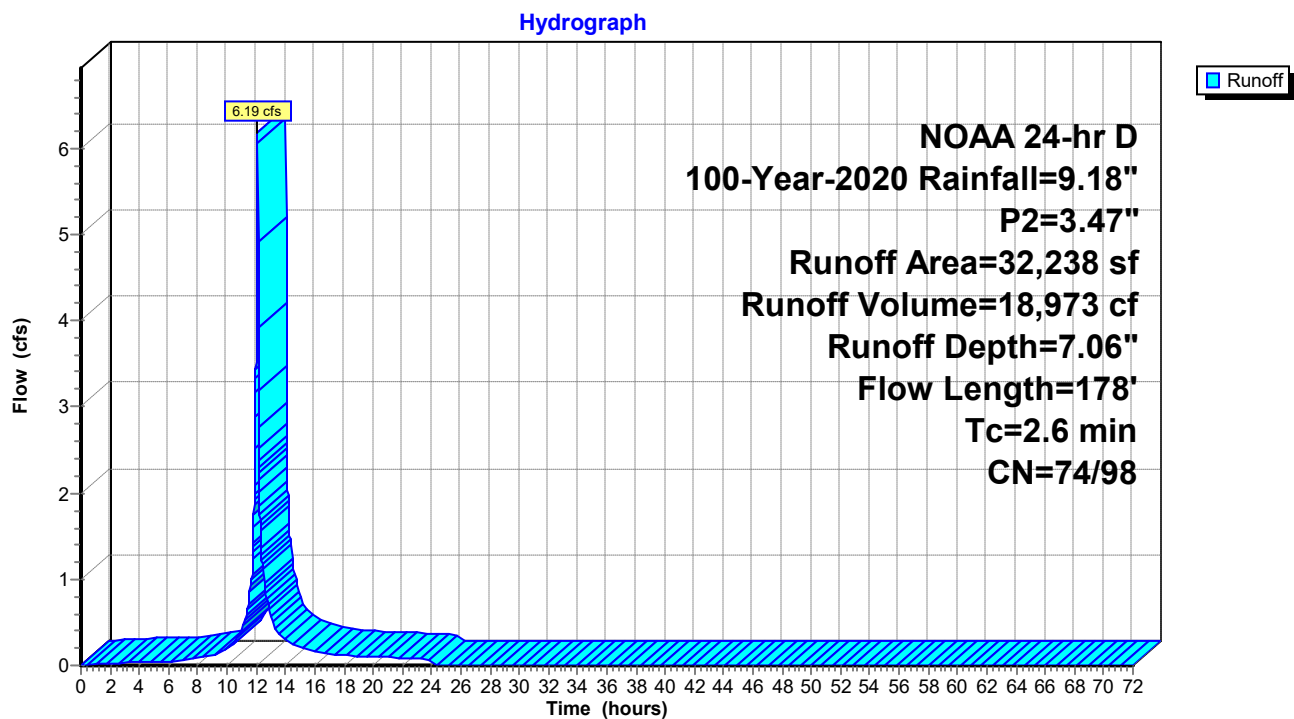
Runoff = 6.19 cfs @ 12.10 hrs, Volume= 18,973 cf, Depth= 7.06"
 Routed to nonexistent node P0I-1

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 100-Year-2020 Rainfall=9.18", P2=3.47"

	Area (sf)	CN	Description
*	11,698	98	Impervious Surface
	9,040	74	>75% Grass cover, Good, HSG C
*	11,500	74	Sand Riding Area
	32,238	83	Weighted Average
	20,540	74	63.71% Pervious Area
	11,698	98	36.29% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8	23	0.0652	0.21		Sheet Flow, B1-B2 Grass: Short n= 0.150 P2= 3.47"
0.1	9	0.0110	2.13		Shallow Concentrated Flow, B2-B3 Paved Kv= 20.3 fps
0.2	41	0.0220	3.01		Shallow Concentrated Flow, B3-B4 Paved Kv= 20.3 fps
0.2	43	0.0470	4.40		Shallow Concentrated Flow, B4-B5 Paved Kv= 20.3 fps
0.2	36	0.0280	3.40		Shallow Concentrated Flow, B5-B6 Paved Kv= 20.3 fps
0.1	26	0.0310	3.57		Shallow Concentrated Flow, B6-B7 Paved Kv= 20.3 fps
2.6	178	Total			

Subcatchment P-1: Proposed Drainage to Woodland Avenue



Summary for Subcatchment P-2: Proposed Drainage to Nicholas Avenue

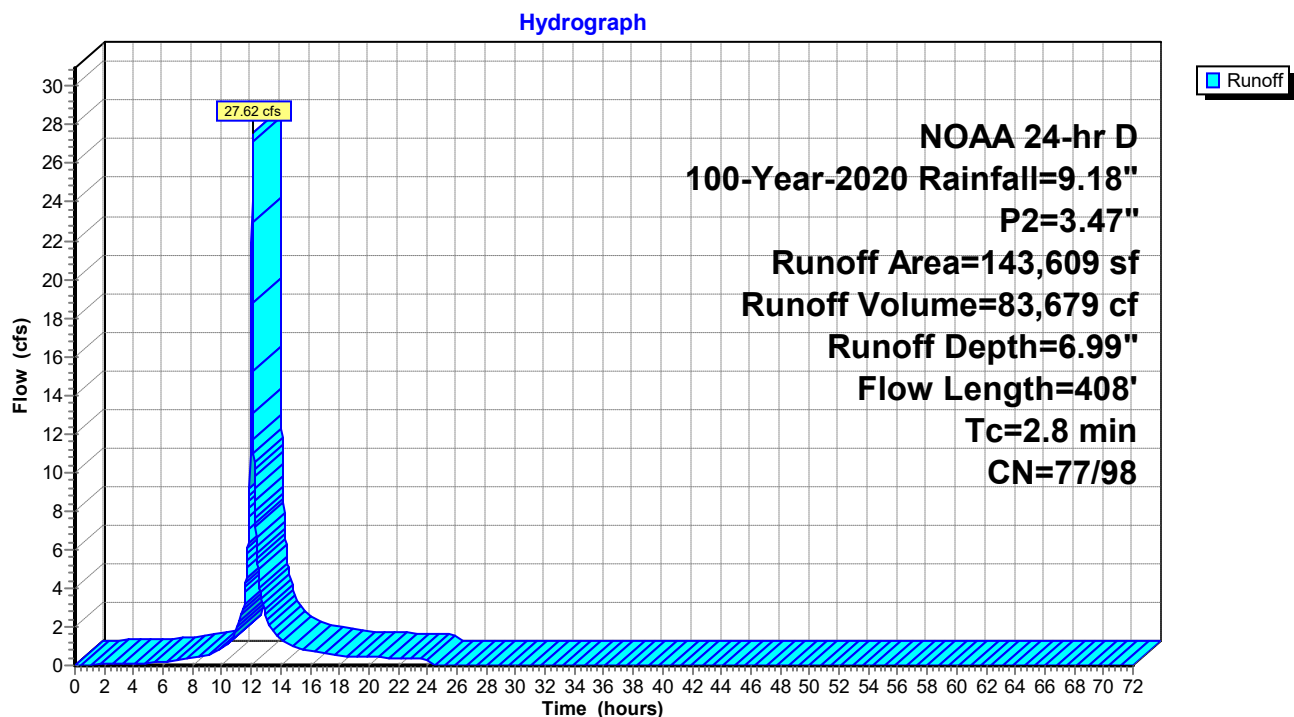
Runoff = 27.62 cfs @ 12.10 hrs, Volume= 83,679 cf, Depth= 6.99"
 Routed to nonexistent node P0I-2

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 100-Year-2020 Rainfall=9.18", P2=3.47"

	Area (sf)	CN	Description
*	34,911	98	Impervious Surface
	69,978	74	>75% Grass cover, Good, HSG C
*	22,575	74	Sand Riding Area
*	16,145	96	Gravel surface
	143,609	82	Weighted Average
	108,698	77	75.69% Pervious Area
	34,911	98	24.31% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.04		Sheet Flow, D1-D2
					Smooth surfaces n= 0.011 P2= 3.47"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3
					Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4
					Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5
					Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6
					Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7
					Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8
					Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9
					Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10
					Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11
					Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12
					Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13
					Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment P-2: Proposed Drainage to Nicholas Avenue



Time span=0.00-72.00 hrs, dt=0.01 hrs, 7201 points
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv.
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment E-1: Existing Drainage to Runoff Area=32,101 sf 45.25% Impervious Runoff Depth=2.65"
Flow Length=147' Tc=2.5 min CN=74/98 Runoff=2.31 cfs 7,101 cf

Subcatchment E-2: Existing Drainage to Runoff Area=143,746 sf 24.72% Impervious Runoff Depth=2.37"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=9.65 cfs 28,391 cf

Subcatchment P-1: Proposed Drainage to Runoff Area=32,238 sf 36.29% Impervious Runoff Depth=2.46"
Flow Length=178' Tc=2.5 min CN=74/98 Runoff=2.18 cfs 6,604 cf

Subcatchment P-2: Proposed Drainage to Runoff Area=143,609 sf 24.31% Impervious Runoff Depth=2.36"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=9.61 cfs 28,267 cf

Total Runoff Area = 351,694 sf Runoff Volume = 70,363 cf Average Runoff Depth = 2.40"
72.51% Pervious = 255,029 sf 27.49% Impervious = 96,665 sf

Summary for Subcatchment E-1: Existing Drainage to Woodland Avenue

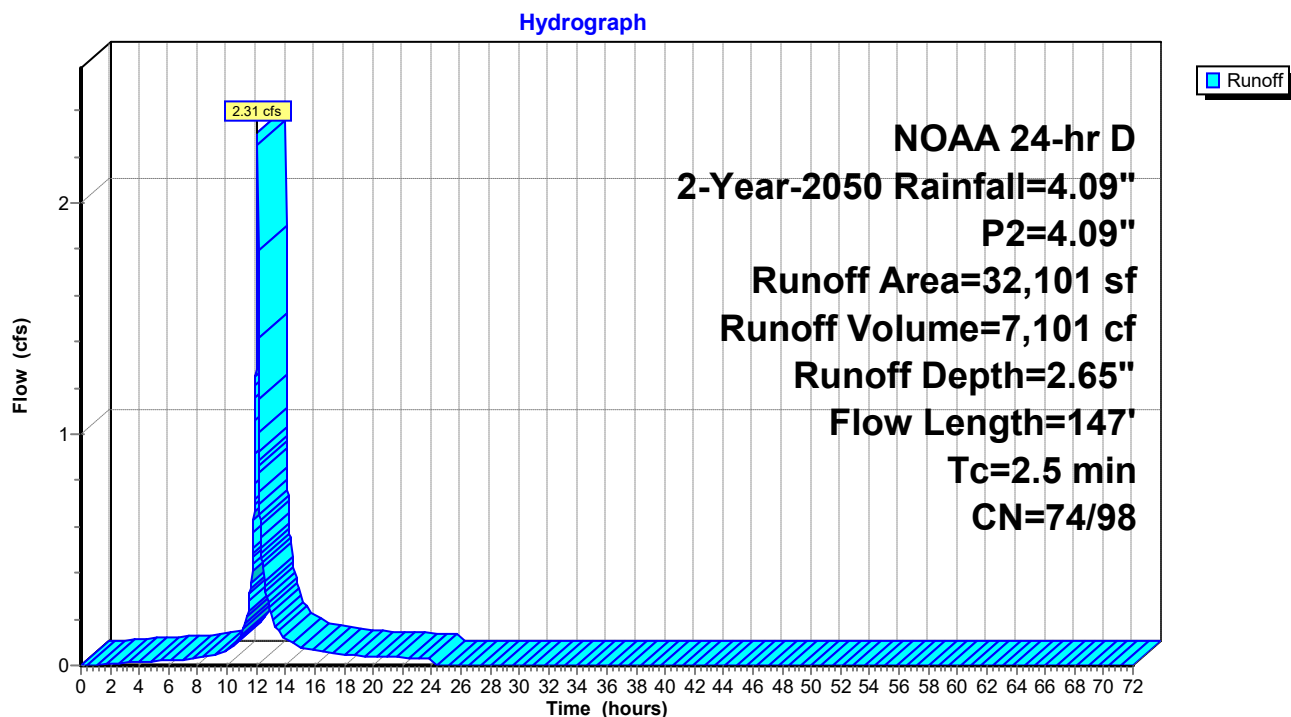
Runoff = 2.31 cfs @ 12.10 hrs, Volume= 7,101 cf, Depth= 2.65"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

	Area (sf)	CN	Description
*	14,526	98	Impervious Surface
	17,575	74	>75% Grass cover, Good, HSG C
	32,101	85	Weighted Average
	17,575	74	54.75% Pervious Area
	14,526	98	45.25% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8	19	0.0389	0.18		Sheet Flow, A1-1-A1-2 Grass: Short n= 0.150 P2= 4.09"
0.1	24	0.0367	3.89		Shallow Concentrated Flow, A1-2-A1-3 Paved Kv= 20.3 fps
0.2	33	0.0303	3.53		Shallow Concentrated Flow, A1-3-A1-4 Paved Kv= 20.3 fps
0.3	41	0.0244	2.51		Shallow Concentrated Flow, A1-4-A1-5 Unpaved Kv= 16.1 fps
0.1	30	0.0430	3.34		Shallow Concentrated Flow, A1-5-A1-6 Unpaved Kv= 16.1 fps
2.5	147	Total			

Subcatchment E-1: Existing Drainage to Woodland Avenue



Summary for Subcatchment E-2: Existing Drainage to Nicholas Avenue

Runoff = 9.65 cfs @ 12.11 hrs, Volume= 28,391 cf, Depth= 2.37"
 Routed to nonexistent node POI-2

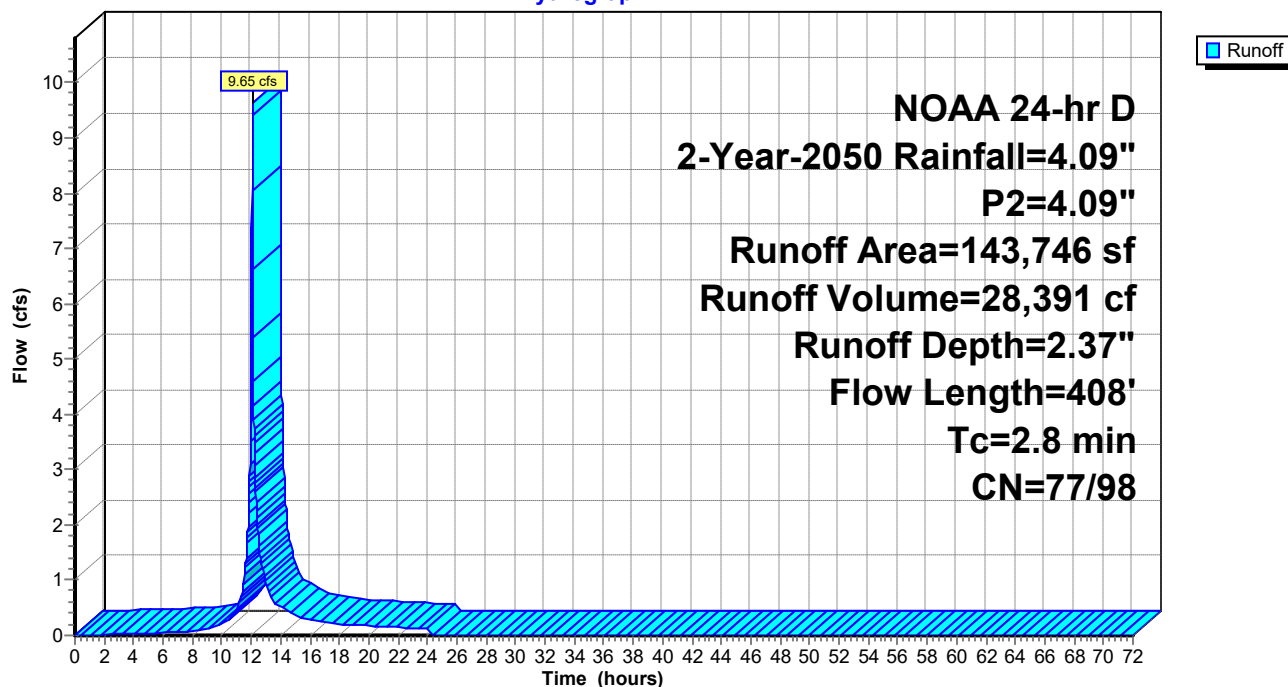
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

	Area (sf)	CN	Description
*	35,530	98	Impervious Surface
	58,832	74	>75% Grass cover, Good, HSG C
	4,420	70	Woods, Good, HSG C
*	27,460	74	Sand Riding Area
*	17,504	96	Gravel surface
	143,746	82	Weighted Average
	108,216	77	75.28% Pervious Area
	35,530	98	24.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.21		Sheet Flow, D1-D2 Smooth surfaces n= 0.011 P2= 4.09"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3 Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4 Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5 Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6 Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7 Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8 Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9 Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10 Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11 Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12 Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13 Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment E-2: Existing Drainage to Nicholas Avenue

Hydrograph



Summary for Subcatchment P-1: Proposed Drainage to Woodland Avenue

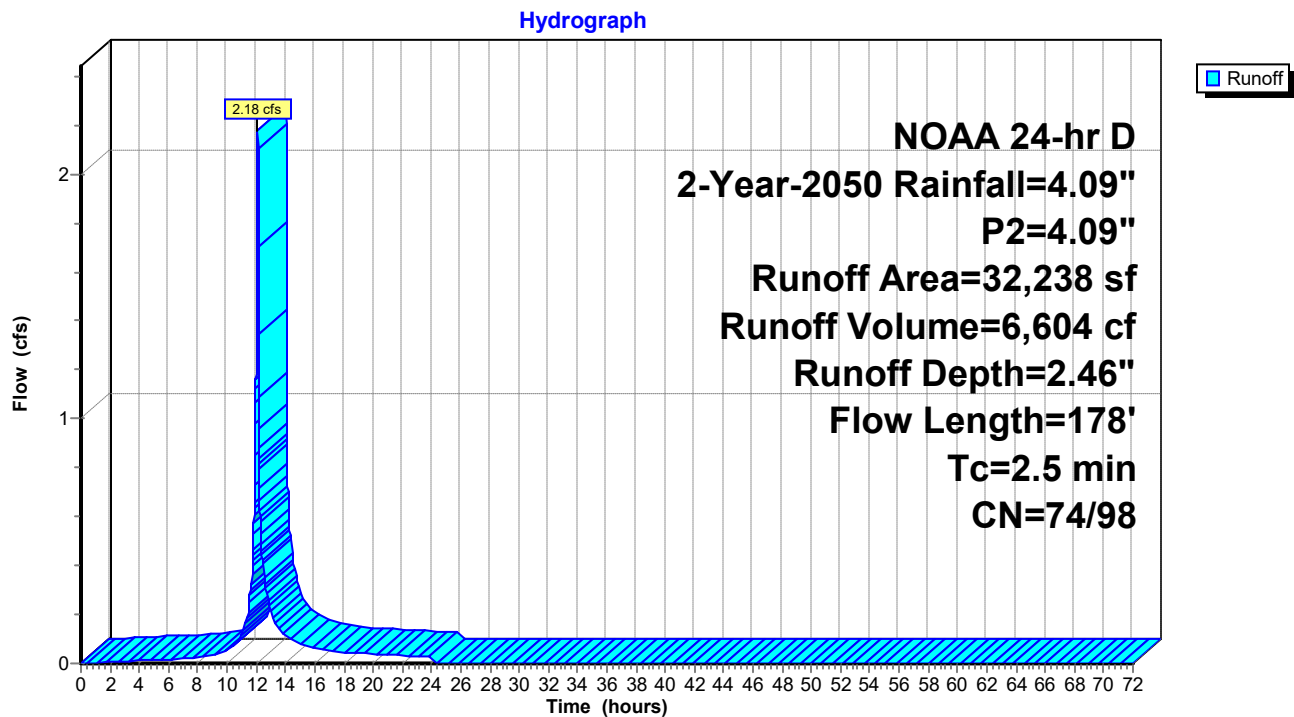
Runoff = 2.18 cfs @ 12.10 hrs, Volume= 6,604 cf, Depth= 2.46"
 Routed to nonexistent node P0I-1

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

	Area (sf)	CN	Description
*	11,698	98	Impervious Surface
	9,040	74	>75% Grass cover, Good, HSG C
*	11,500	74	Sand Riding Area
	32,238	83	Weighted Average
	20,540	74	63.71% Pervious Area
	11,698	98	36.29% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.7	23	0.0652	0.23		Sheet Flow, B1-B2
					Grass: Short n= 0.150 P2= 4.09"
0.1	9	0.0110	2.13		Shallow Concentrated Flow, B2-B3
					Paved Kv= 20.3 fps
0.2	41	0.0220	3.01		Shallow Concentrated Flow, B3-B4
					Paved Kv= 20.3 fps
0.2	43	0.0470	4.40		Shallow Concentrated Flow, B4-B5
					Paved Kv= 20.3 fps
0.2	36	0.0280	3.40		Shallow Concentrated Flow, B5-B6
					Paved Kv= 20.3 fps
0.1	26	0.0310	3.57		Shallow Concentrated Flow, B6-B7
					Paved Kv= 20.3 fps
2.5	178	Total			

Subcatchment P-1: Proposed Drainage to Woodland Avenue



Summary for Subcatchment P-2: Proposed Drainage to Nicholas Avenue

Runoff = 9.61 cfs @ 12.11 hrs, Volume= 28,267 cf, Depth= 2.36"
 Routed to nonexistent node P0I-2

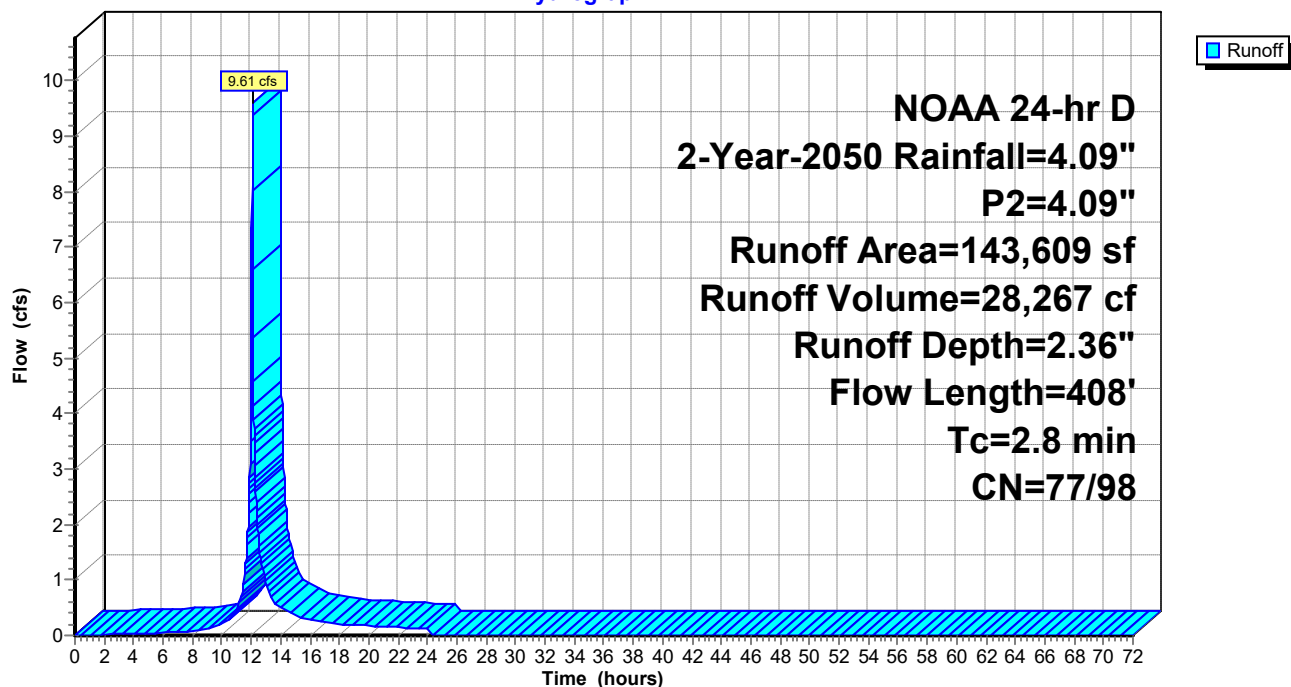
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

	Area (sf)	CN	Description
*	34,911	98	Impervious Surface
	69,978	74	>75% Grass cover, Good, HSG C
*	22,575	74	Sand Riding Area
*	16,145	96	Gravel surface
	143,609	82	Weighted Average
	108,698	77	75.69% Pervious Area
	34,911	98	24.31% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.21		Sheet Flow, D1-D2
					Smooth surfaces n= 0.011 P2= 4.09"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3
					Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4
					Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5
					Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6
					Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7
					Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8
					Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9
					Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10
					Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11
					Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12
					Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13
					Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment P-2: Proposed Drainage to Nicholas Avenue

Hydrograph



Time span=0.00-72.00 hrs, dt=0.01 hrs, 7201 points
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv.
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment E-1: Existing Drainage to Runoff Area=32,101 sf 45.25% Impervious Runoff Depth=4.69"
Flow Length=147' Tc=2.5 min CN=74/98 Runoff=4.07 cfs 12,546 cf

Subcatchment E-2: Existing Drainage to Runoff Area=143,746 sf 24.72% Impervious Runoff Depth=4.38"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=17.67 cfs 52,460 cf

Subcatchment P-1: Proposed Drainage to Runoff Area=32,238 sf 36.29% Impervious Runoff Depth=4.45"
Flow Length=178' Tc=2.5 min CN=74/98 Runoff=3.95 cfs 11,965 cf

Subcatchment P-2: Proposed Drainage to Runoff Area=143,609 sf 24.31% Impervious Runoff Depth=4.37"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=17.63 cfs 52,297 cf

Total Runoff Area = 351,694 sf Runoff Volume = 129,268 cf Average Runoff Depth = 4.41"
72.51% Pervious = 255,029 sf 27.49% Impervious = 96,665 sf

Summary for Subcatchment E-1: Existing Drainage to Woodland Avenue

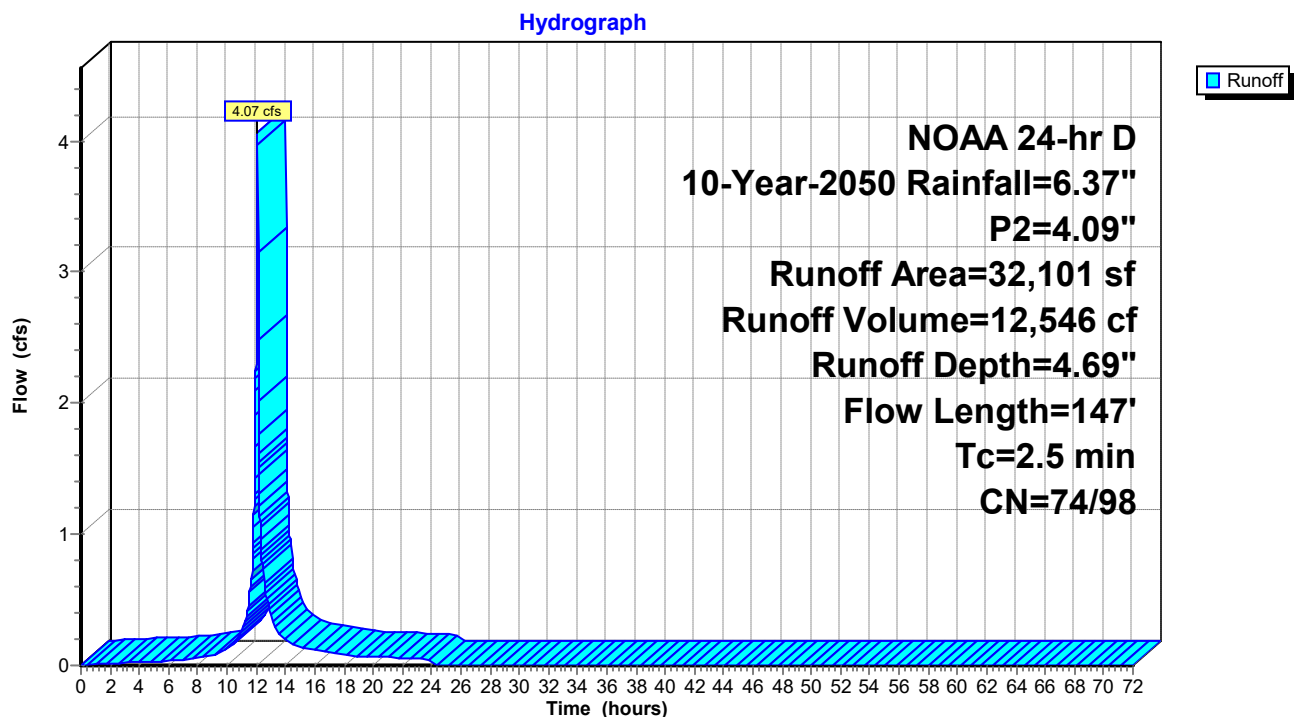
Runoff = 4.07 cfs @ 12.10 hrs, Volume= 12,546 cf, Depth= 4.69"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 10-Year-2050 Rainfall=6.37", P2=4.09"

	Area (sf)	CN	Description
*	14,526	98	Impervious Surface
	17,575	74	>75% Grass cover, Good, HSG C
	32,101	85	Weighted Average
	17,575	74	54.75% Pervious Area
	14,526	98	45.25% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8	19	0.0389	0.18		Sheet Flow, A1-1-A1-2 Grass: Short n= 0.150 P2= 4.09"
0.1	24	0.0367	3.89		Shallow Concentrated Flow, A1-2-A1-3 Paved Kv= 20.3 fps
0.2	33	0.0303	3.53		Shallow Concentrated Flow, A1-3-A1-4 Paved Kv= 20.3 fps
0.3	41	0.0244	2.51		Shallow Concentrated Flow, A1-4-A1-5 Unpaved Kv= 16.1 fps
0.1	30	0.0430	3.34		Shallow Concentrated Flow, A1-5-A1-6 Unpaved Kv= 16.1 fps
2.5	147	Total			

Subcatchment E-1: Existing Drainage to Woodland Avenue



Summary for Subcatchment E-2: Existing Drainage to Nicholas Avenue

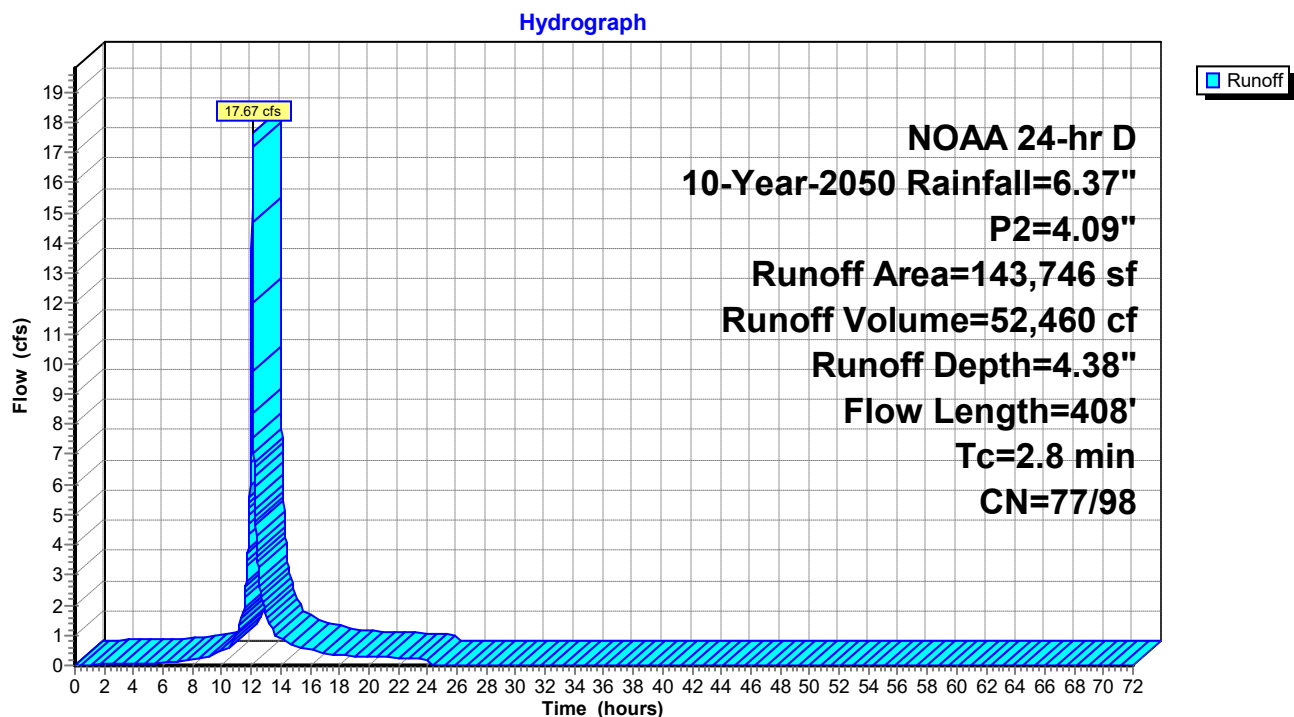
Runoff = 17.67 cfs @ 12.11 hrs, Volume= 52,460 cf, Depth= 4.38"
 Routed to nonexistent node POI-2

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 10-Year-2050 Rainfall=6.37", P2=4.09"

	Area (sf)	CN	Description
*	35,530	98	Impervious Surface
	58,832	74	>75% Grass cover, Good, HSG C
	4,420	70	Woods, Good, HSG C
*	27,460	74	Sand Riding Area
*	17,504	96	Gravel surface
	143,746	82	Weighted Average
	108,216	77	75.28% Pervious Area
	35,530	98	24.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.21		Sheet Flow, D1-D2 Smooth surfaces n= 0.011 P2= 4.09"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3 Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4 Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5 Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6 Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7 Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8 Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9 Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10 Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11 Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12 Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13 Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment E-2: Existing Drainage to Nicholas Avenue



Summary for Subcatchment P-1: Proposed Drainage to Woodland Avenue

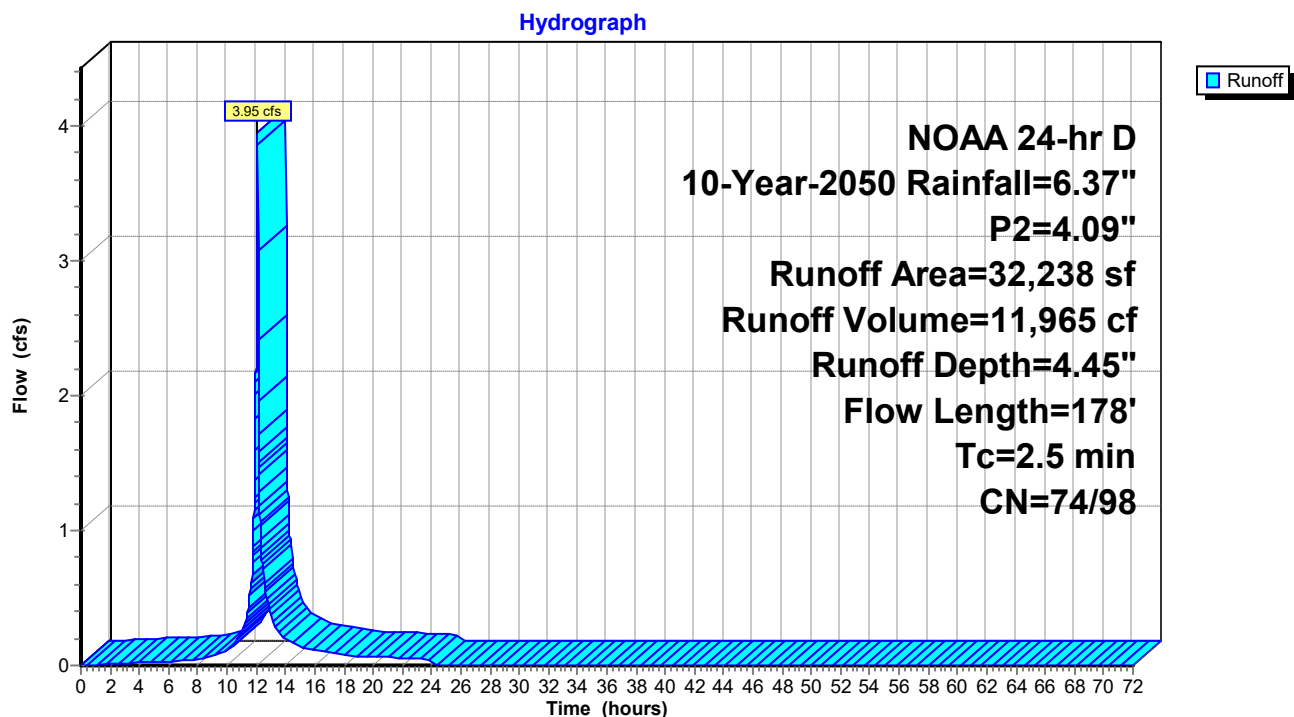
Runoff = 3.95 cfs @ 12.10 hrs, Volume= 11,965 cf, Depth= 4.45"
 Routed to nonexistent node P0I-1

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 10-Year-2050 Rainfall=6.37", P2=4.09"

	Area (sf)	CN	Description
*	11,698	98	Impervious Surface
	9,040	74	>75% Grass cover, Good, HSG C
*	11,500	74	Sand Riding Area
	32,238	83	Weighted Average
	20,540	74	63.71% Pervious Area
	11,698	98	36.29% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.7	23	0.0652	0.23		Sheet Flow, B1-B2 Grass: Short n= 0.150 P2= 4.09"
0.1	9	0.0110	2.13		Shallow Concentrated Flow, B2-B3 Paved Kv= 20.3 fps
0.2	41	0.0220	3.01		Shallow Concentrated Flow, B3-B4 Paved Kv= 20.3 fps
0.2	43	0.0470	4.40		Shallow Concentrated Flow, B4-B5 Paved Kv= 20.3 fps
0.2	36	0.0280	3.40		Shallow Concentrated Flow, B5-B6 Paved Kv= 20.3 fps
0.1	26	0.0310	3.57		Shallow Concentrated Flow, B6-B7 Paved Kv= 20.3 fps
2.5	178	Total			

Subcatchment P-1: Proposed Drainage to Woodland Avenue



Summary for Subcatchment P-2: Proposed Drainage to Nicholas Avenue

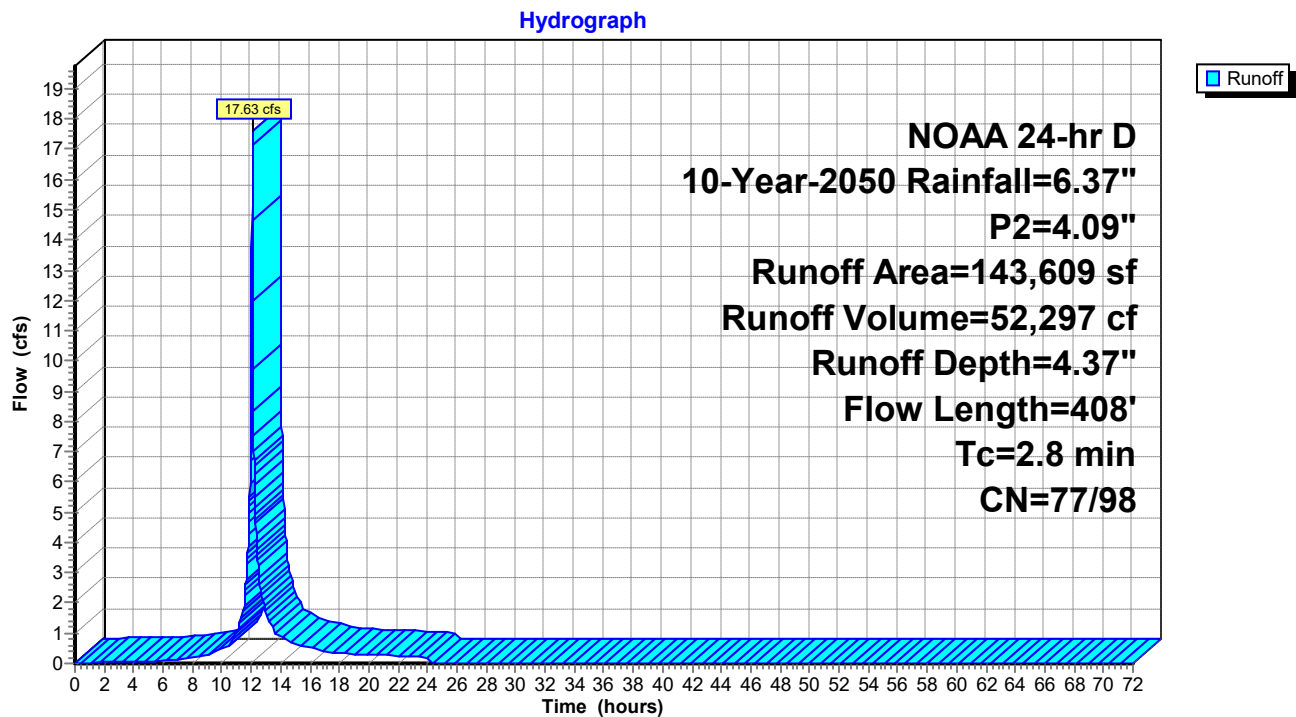
Runoff = 17.63 cfs @ 12.11 hrs, Volume= 52,297 cf, Depth= 4.37"
 Routed to nonexistent node P0I-2

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 10-Year-2050 Rainfall=6.37", P2=4.09"

	Area (sf)	CN	Description
*	34,911	98	Impervious Surface
	69,978	74	>75% Grass cover, Good, HSG C
*	22,575	74	Sand Riding Area
*	16,145	96	Gravel surface
	143,609	82	Weighted Average
	108,698	77	75.69% Pervious Area
	34,911	98	24.31% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.21		Sheet Flow, D1-D2
					Smooth surfaces n= 0.011 P2= 4.09"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3
					Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4
					Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5
					Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6
					Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7
					Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8
					Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9
					Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10
					Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11
					Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12
					Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13
					Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment P-2: Proposed Drainage to Nicholas Avenue



Time span=0.00-72.00 hrs, dt=0.01 hrs, 7201 points
Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv.
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment E-1: Existing Drainage to Runoff Area=32,101 sf 45.25% Impervious Runoff Depth=9.57"
Flow Length=147' Tc=2.5 min CN=74/98 Runoff=8.16 cfs 25,611 cf

Subcatchment E-2: Existing Drainage to Runoff Area=143,746 sf 24.72% Impervious Runoff Depth=9.24"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=36.07 cfs 110,742 cf

Subcatchment P-1: Proposed Drainage to Runoff Area=32,238 sf 36.29% Impervious Runoff Depth=9.29"
Flow Length=178' Tc=2.5 min CN=74/98 Runoff=8.08 cfs 24,971 cf

Subcatchment P-2: Proposed Drainage to Runoff Area=143,609 sf 24.31% Impervious Runoff Depth=9.23"
Flow Length=408' Tc=2.8 min CN=77/98 Runoff=36.01 cfs 110,505 cf

Total Runoff Area = 351,694 sf Runoff Volume = 271,829 cf Average Runoff Depth = 9.27"
72.51% Pervious = 255,029 sf 27.49% Impervious = 96,665 sf

Summary for Subcatchment E-1: Existing Drainage to Woodland Avenue

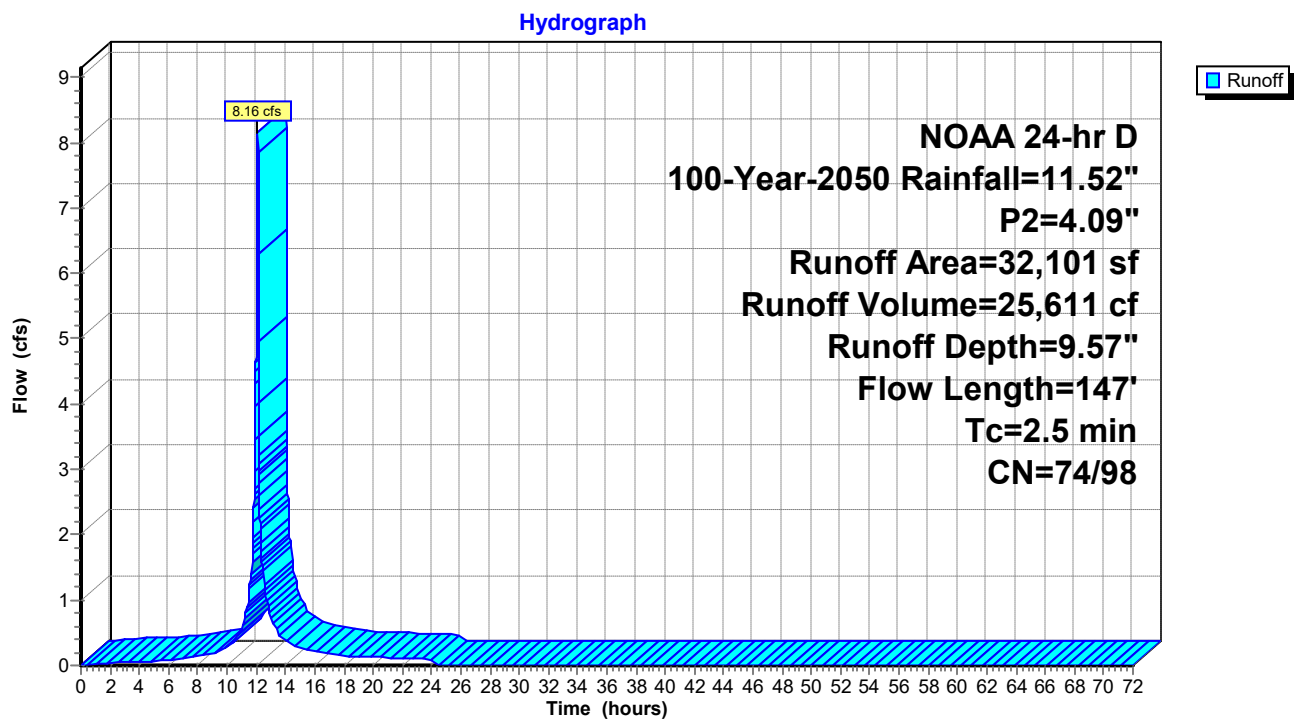
Runoff = 8.16 cfs @ 12.10 hrs, Volume= 25,611 cf, Depth= 9.57"

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

	Area (sf)	CN	Description
*	14,526	98	Impervious Surface
	17,575	74	>75% Grass cover, Good, HSG C
	32,101	85	Weighted Average
	17,575	74	54.75% Pervious Area
	14,526	98	45.25% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8	19	0.0389	0.18		Sheet Flow, A1-1-A1-2 Grass: Short n= 0.150 P2= 4.09"
0.1	24	0.0367	3.89		Shallow Concentrated Flow, A1-2-A1-3 Paved Kv= 20.3 fps
0.2	33	0.0303	3.53		Shallow Concentrated Flow, A1-3-A1-4 Paved Kv= 20.3 fps
0.3	41	0.0244	2.51		Shallow Concentrated Flow, A1-4-A1-5 Unpaved Kv= 16.1 fps
0.1	30	0.0430	3.34		Shallow Concentrated Flow, A1-5-A1-6 Unpaved Kv= 16.1 fps
2.5	147	Total			

Subcatchment E-1: Existing Drainage to Woodland Avenue



Summary for Subcatchment E-2: Existing Drainage to Nicholas Avenue

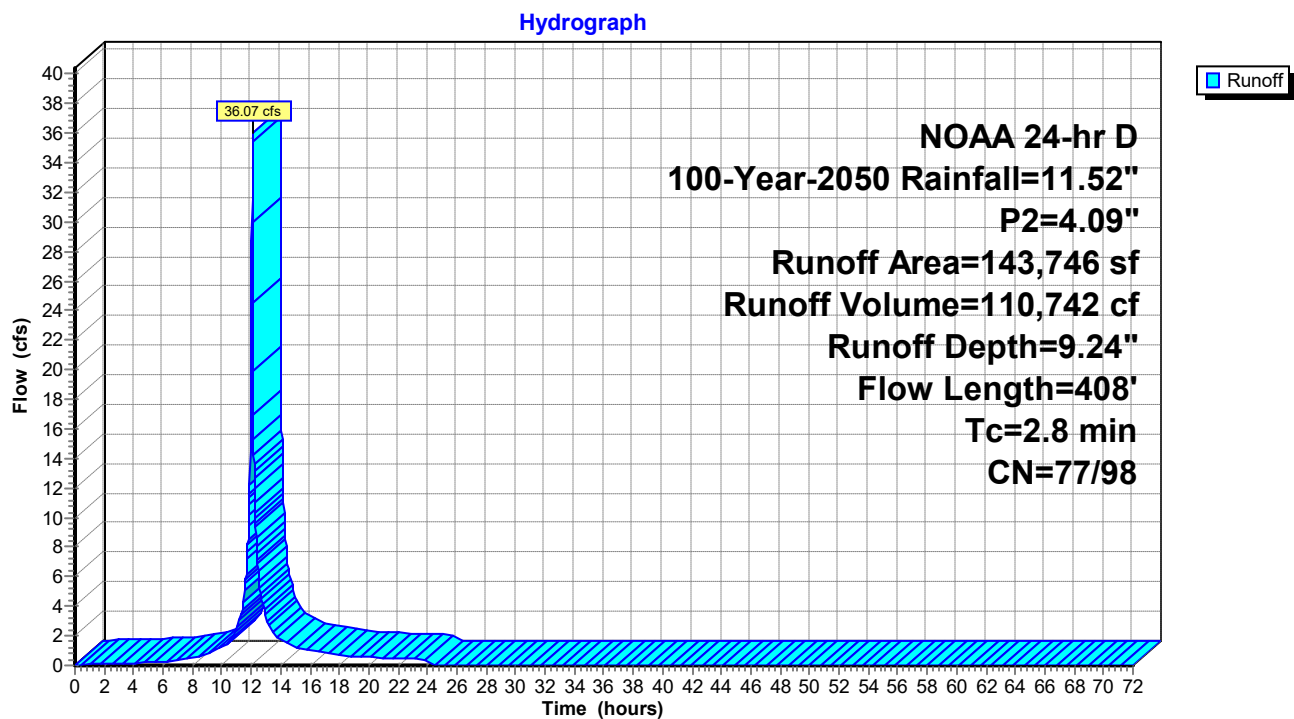
Runoff = 36.07 cfs @ 12.10 hrs, Volume= 110,742 cf, Depth= 9.24"
 Routed to nonexistent node POI-2

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

	Area (sf)	CN	Description
*	35,530	98	Impervious Surface
	58,832	74	>75% Grass cover, Good, HSG C
	4,420	70	Woods, Good, HSG C
*	27,460	74	Sand Riding Area
*	17,504	96	Gravel surface
	143,746	82	Weighted Average
	108,216	77	75.28% Pervious Area
	35,530	98	24.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.21		Sheet Flow, D1-D2 Smooth surfaces n= 0.011 P2= 4.09"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3 Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4 Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5 Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6 Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7 Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8 Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9 Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10 Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11 Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12 Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13 Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment E-2: Existing Drainage to Nicholas Avenue



Summary for Subcatchment P-1: Proposed Drainage to Woodland Avenue

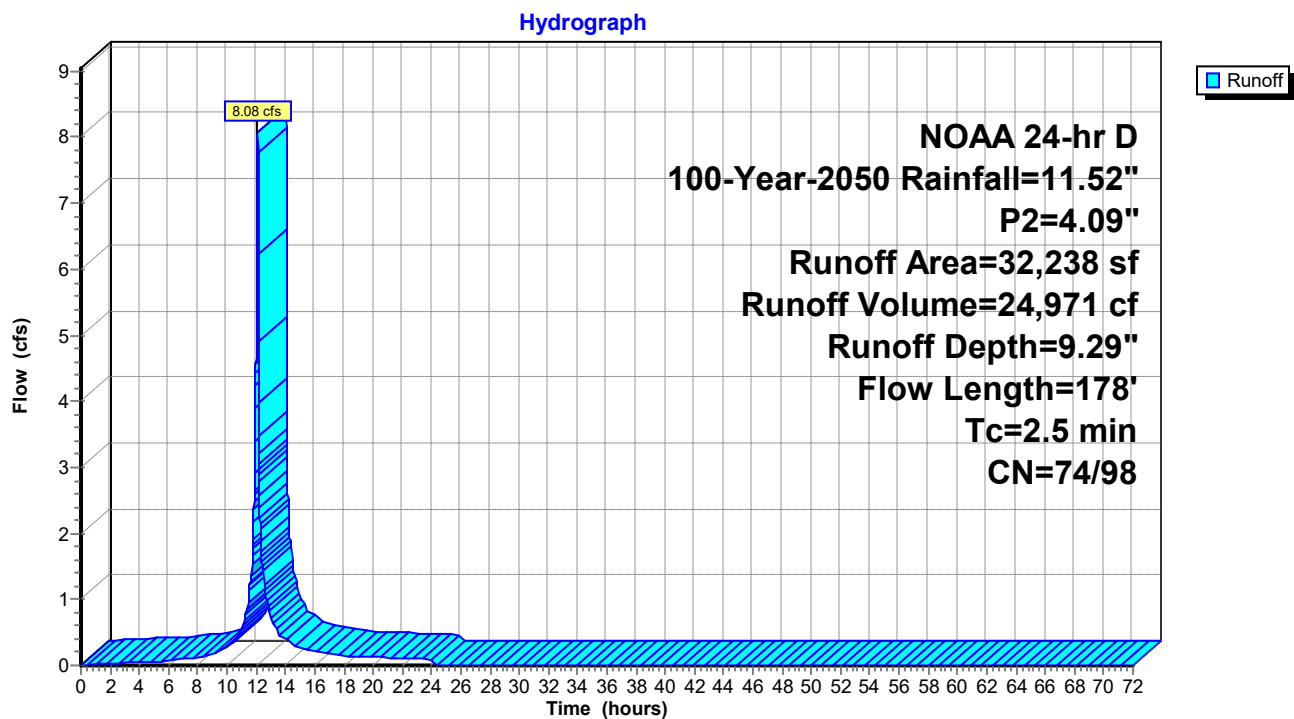
Runoff = 8.08 cfs @ 12.10 hrs, Volume= 24,971 cf, Depth= 9.29"
 Routed to nonexistent node P0I-1

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

	Area (sf)	CN	Description
*	11,698	98	Impervious Surface
	9,040	74	>75% Grass cover, Good, HSG C
*	11,500	74	Sand Riding Area
	32,238	83	Weighted Average
	20,540	74	63.71% Pervious Area
	11,698	98	36.29% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.7	23	0.0652	0.23		Sheet Flow, B1-B2 Grass: Short n= 0.150 P2= 4.09"
0.1	9	0.0110	2.13		Shallow Concentrated Flow, B2-B3 Paved Kv= 20.3 fps
0.2	41	0.0220	3.01		Shallow Concentrated Flow, B3-B4 Paved Kv= 20.3 fps
0.2	43	0.0470	4.40		Shallow Concentrated Flow, B4-B5 Paved Kv= 20.3 fps
0.2	36	0.0280	3.40		Shallow Concentrated Flow, B5-B6 Paved Kv= 20.3 fps
0.1	26	0.0310	3.57		Shallow Concentrated Flow, B6-B7 Paved Kv= 20.3 fps
2.5	178	Total			

Subcatchment P-1: Proposed Drainage to Woodland Avenue



Summary for Subcatchment P-2: Proposed Drainage to Nicholas Avenue

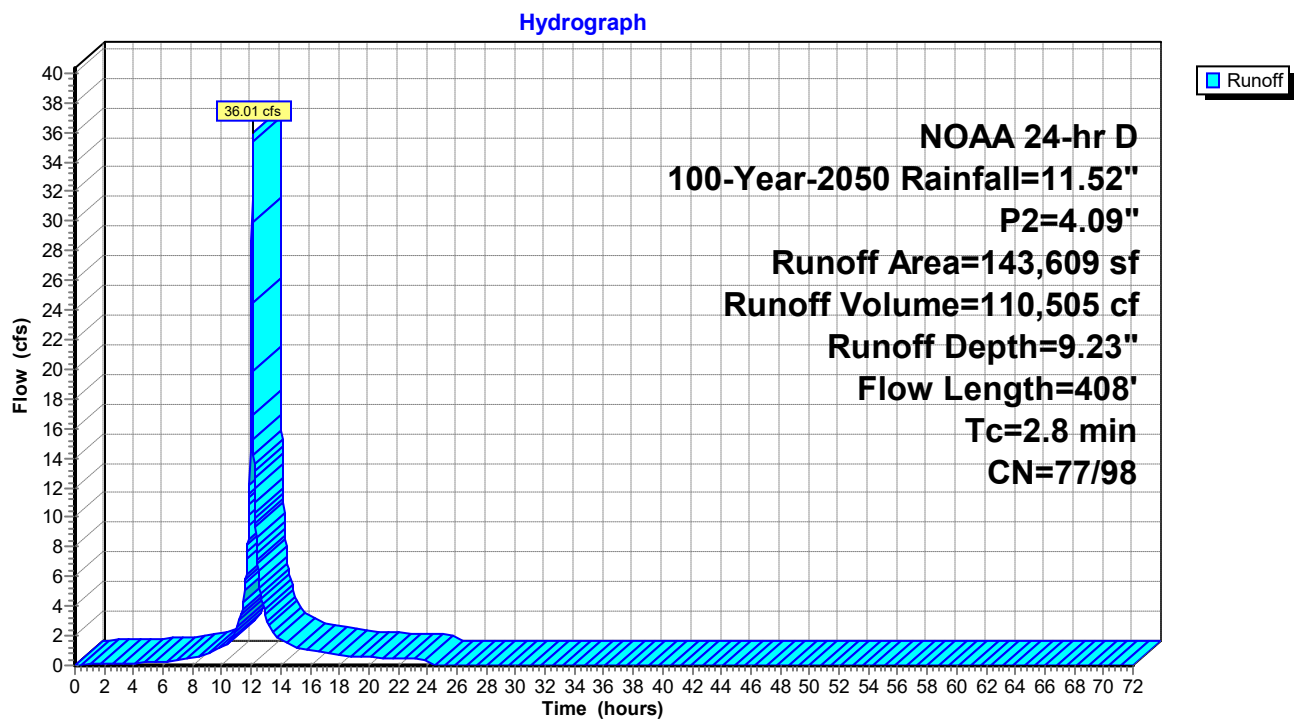
Runoff = 36.01 cfs @ 12.10 hrs, Volume= 110,505 cf, Depth= 9.23"
 Routed to nonexistent node P0I-2

Runoff by SCS TR-20 method, UH=SCS, Split Pervious/Imperv., Time Span= 0.00-72.00 hrs, dt= 0.01 hrs
 NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

	Area (sf)	CN	Description
*	34,911	98	Impervious Surface
	69,978	74	>75% Grass cover, Good, HSG C
*	22,575	74	Sand Riding Area
*	16,145	96	Gravel surface
	143,609	82	Weighted Average
	108,698	77	75.69% Pervious Area
	34,911	98	24.31% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.0	4	0.2410	2.21		Sheet Flow, D1-D2 Smooth surfaces n= 0.011 P2= 4.09"
0.0	3	0.2930	10.99		Shallow Concentrated Flow, D2-D3 Paved Kv= 20.3 fps
0.2	29	0.0340	2.97		Shallow Concentrated Flow, D3-D4 Unpaved Kv= 16.1 fps
0.3	45	0.0220	2.39		Shallow Concentrated Flow, D4-D5 Unpaved Kv= 16.1 fps
1.1	107	0.0100	1.61		Shallow Concentrated Flow, D5-D6 Unpaved Kv= 16.1 fps
0.7	77	0.0130	1.84		Shallow Concentrated Flow, D6-D7 Unpaved Kv= 16.1 fps
0.1	27	0.0370	3.10		Shallow Concentrated Flow, D7-D8 Unpaved Kv= 16.1 fps
0.1	24	0.0420	3.30		Shallow Concentrated Flow, D8-D9 Unpaved Kv= 16.1 fps
0.1	17	0.1170	5.51		Shallow Concentrated Flow, D9-D10 Unpaved Kv= 16.1 fps
0.0	16	0.1220	5.62		Shallow Concentrated Flow, D10-D11 Unpaved Kv= 16.1 fps
0.0	7	0.2860	8.61		Shallow Concentrated Flow, D11-D12 Unpaved Kv= 16.1 fps
0.2	52	0.0580	3.88		Shallow Concentrated Flow, D12-D13 Unpaved Kv= 16.1 fps
2.8	408	Total			

Subcatchment P-2: Proposed Drainage to Nicholas Avenue



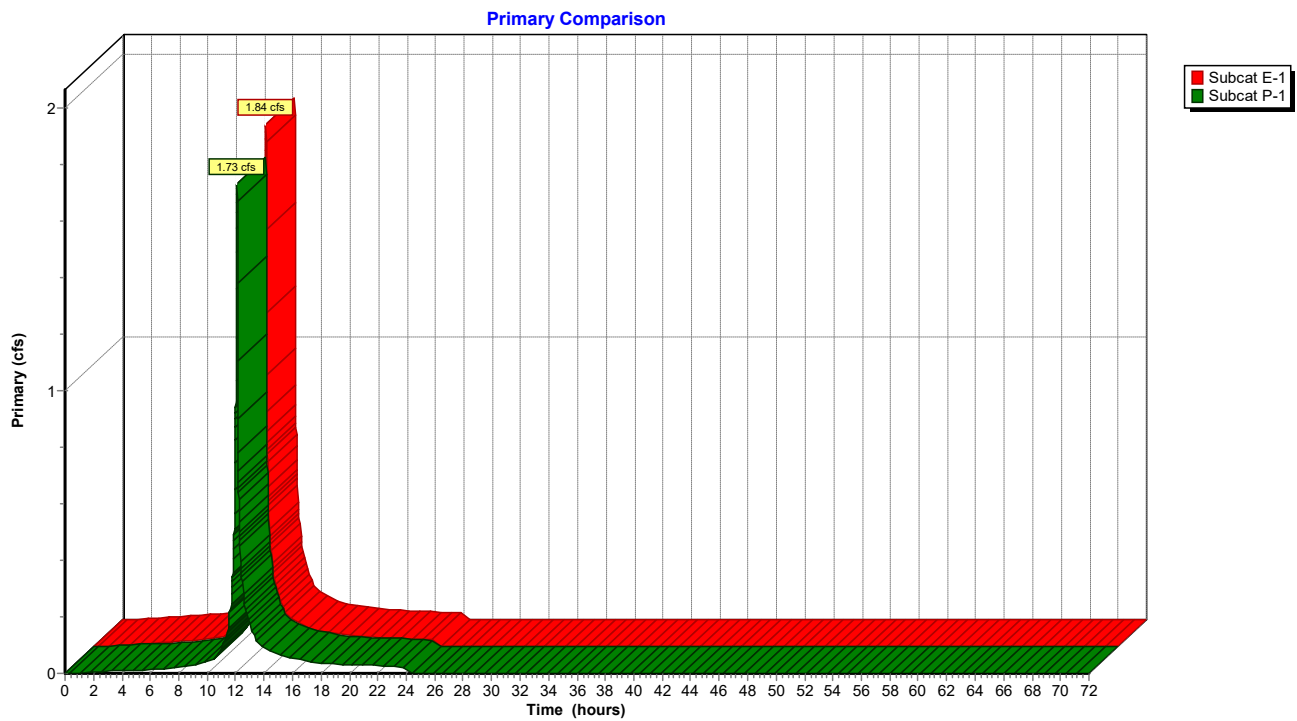
2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

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2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

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Primary Comparison

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
0.00	0.00	0.00	2.60	0.01	0.01	5.20	0.01	0.01
0.05	0.00	0.00	2.65	0.01	0.01	5.25	0.01	0.01
0.10	0.00	0.00	2.70	0.01	0.01	5.30	0.01	0.01
0.15	0.00	0.00	2.75	0.01	0.01	5.35	0.01	0.01
0.20	0.00	0.00	2.80	0.01	0.01	5.40	0.02	0.01
0.25	0.00	0.00	2.85	0.01	0.01	5.45	0.02	0.01
0.30	0.00	0.00	2.90	0.01	0.01	5.50	0.02	0.01
0.35	0.00	0.00	2.95	0.01	0.01	5.55	0.02	0.01
0.40	0.00	0.00	3.00	0.01	0.01	5.60	0.02	0.01
0.45	0.00	0.00	3.05	0.01	0.01	5.65	0.02	0.01
0.50	0.00	0.00	3.10	0.01	0.01	5.70	0.02	0.01
0.55	0.00	0.00	3.15	0.01	0.01	5.75	0.02	0.01
0.60	0.00	0.00	3.20	0.01	0.01	5.80	0.02	0.01
0.65	0.00	0.00	3.25	0.01	0.01	5.85	0.02	0.01
0.70	0.00	0.00	3.30	0.01	0.01	5.90	0.02	0.01
0.75	0.00	0.00	3.35	0.01	0.01	5.95	0.02	0.01
0.80	0.00	0.00	3.40	0.01	0.01	6.00	0.02	0.01
0.85	0.00	0.00	3.45	0.01	0.01	6.05	0.02	0.01
0.90	0.00	0.00	3.50	0.01	0.01	6.10	0.02	0.01
0.95	0.00	0.00	3.55	0.01	0.01	6.15	0.02	0.01
1.00	0.00	0.00	3.60	0.01	0.01	6.20	0.02	0.01
1.05	0.00	0.00	3.65	0.01	0.01	6.25	0.02	0.01
1.10	0.00	0.00	3.70	0.01	0.01	6.30	0.02	0.01
1.15	0.00	0.00	3.75	0.01	0.01	6.35	0.02	0.01
1.20	0.00	0.00	3.80	0.01	0.01	6.40	0.02	0.01
1.25	0.00	0.00	3.85	0.01	0.01	6.45	0.02	0.02
1.30	0.00	0.00	3.90	0.01	0.01	6.50	0.02	0.02
1.35	0.00	0.00	3.95	0.01	0.01	6.55	0.02	0.02
1.40	0.00	0.00	4.00	0.01	0.01	6.60	0.02	0.02
1.45	0.00	0.00	4.05	0.01	0.01	6.65	0.02	0.02
1.50	0.00	0.00	4.10	0.01	0.01	6.70	0.02	0.02
1.55	0.00	0.00	4.15	0.01	0.01	6.75	0.02	0.02
1.60	0.00	0.00	4.20	0.01	0.01	6.80	0.02	0.02
1.65	0.00	0.00	4.25	0.01	0.01	6.85	0.02	0.02
1.70	0.00	0.00	4.30	0.01	0.01	6.90	0.02	0.02
1.75	0.00	0.00	4.35	0.01	0.01	6.95	0.02	0.02
1.80	0.00	0.00	4.40	0.01	0.01	7.00	0.02	0.02
1.85	0.00	0.00	4.45	0.01	0.01	7.05	0.02	0.02
1.90	0.00	0.00	4.50	0.01	0.01	7.10	0.02	0.02
1.95	0.00	0.00	4.55	0.01	0.01	7.15	0.02	0.02
2.00	0.00	0.00	4.60	0.01	0.01	7.20	0.02	0.02
2.05	0.00	0.00	4.65	0.01	0.01	7.25	0.02	0.02
2.10	0.01	0.00	4.70	0.01	0.01	7.30	0.02	0.02
2.15	0.01	0.00	4.75	0.01	0.01	7.35	0.02	0.02
2.20	0.01	0.00	4.80	0.01	0.01	7.40	0.02	0.02
2.25	0.01	0.00	4.85	0.01	0.01	7.45	0.02	0.02
2.30	0.01	0.00	4.90	0.01	0.01	7.50	0.02	0.02
2.35	0.01	0.00	4.95	0.01	0.01	7.55	0.02	0.02
2.40	0.01	0.01	5.00	0.01	0.01	7.60	0.03	0.02
2.45	0.01	0.01	5.05	0.01	0.01	7.65	0.03	0.02
2.50	0.01	0.01	5.10	0.01	0.01	7.70	0.03	0.02
2.55	0.01	0.01	5.15	0.01	0.01	7.75	0.03	0.02

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
7.80	0.03	0.02	10.40	0.06	0.05	13.00	0.18	0.18
7.85	0.03	0.02	10.45	0.06	0.05	13.05	0.17	0.16
7.90	0.03	0.02	10.50	0.06	0.05	13.10	0.17	0.16
7.95	0.03	0.02	10.55	0.07	0.06	13.15	0.16	0.15
8.00	0.03	0.02	10.60	0.07	0.06	13.20	0.15	0.15
8.05	0.03	0.02	10.65	0.08	0.06	13.25	0.15	0.14
8.10	0.03	0.02	10.70	0.08	0.07	13.30	0.14	0.14
8.15	0.03	0.02	10.75	0.09	0.07	13.35	0.13	0.13
8.20	0.03	0.02	10.80	0.09	0.07	13.40	0.13	0.13
8.25	0.03	0.02	10.85	0.09	0.08	13.45	0.12	0.12
8.30	0.03	0.02	10.90	0.10	0.08	13.50	0.12	0.12
8.35	0.03	0.02	10.95	0.10	0.09	13.55	0.11	0.11
8.40	0.03	0.02	11.00	0.11	0.09	13.60	0.11	0.10
8.45	0.03	0.02	11.05	0.12	0.10	13.65	0.11	0.10
8.50	0.03	0.02	11.10	0.12	0.10	13.70	0.11	0.10
8.55	0.03	0.02	11.15	0.13	0.11	13.75	0.10	0.10
8.60	0.03	0.02	11.20	0.14	0.12	13.80	0.10	0.10
8.65	0.03	0.03	11.25	0.15	0.13	13.85	0.10	0.10
8.70	0.03	0.03	11.30	0.15	0.13	13.90	0.10	0.10
8.75	0.03	0.03	11.35	0.16	0.14	13.95	0.10	0.09
8.80	0.03	0.03	11.40	0.17	0.15	14.00	0.10	0.09
8.85	0.03	0.03	11.45	0.18	0.16	14.05	0.09	0.09
8.90	0.03	0.03	11.50	0.19	0.16	14.10	0.09	0.09
8.95	0.03	0.03	11.55	0.24	0.21	14.15	0.09	0.09
9.00	0.03	0.03	11.60	0.26	0.23	14.20	0.09	0.09
9.05	0.03	0.03	11.65	0.27	0.24	14.25	0.09	0.09
9.10	0.03	0.03	11.70	0.28	0.25	14.30	0.09	0.08
9.15	0.04	0.03	11.75	0.36	0.32	14.35	0.09	0.08
9.20	0.04	0.03	11.80	0.39	0.35	14.40	0.08	0.08
9.25	0.04	0.03	11.85	0.52	0.47	14.45	0.08	0.08
9.30	0.04	0.03	11.90	0.57	0.51	14.50	0.08	0.08
9.35	0.04	0.03	11.95	0.91	0.82	14.55	0.08	0.08
9.40	0.04	0.03	12.00	1.03	0.94	14.60	0.08	0.08
9.45	0.04	0.03	12.05	1.62	1.49	14.65	0.08	0.07
9.50	0.04	0.03	12.10	1.84	1.72	14.70	0.08	0.07
9.55	0.04	0.04	12.15	0.96	0.90	14.75	0.07	0.07
9.60	0.04	0.04	12.20	0.69	0.65	14.80	0.07	0.07
9.65	0.05	0.04	12.25	0.53	0.50	14.85	0.07	0.07
9.70	0.05	0.04	12.30	0.49	0.47	14.90	0.07	0.07
9.75	0.05	0.04	12.35	0.39	0.37	14.95	0.07	0.06
9.80	0.05	0.04	12.40	0.36	0.34	15.00	0.07	0.06
9.85	0.05	0.04	12.45	0.35	0.33	15.05	0.06	0.06
9.90	0.05	0.04	12.50	0.35	0.33	15.10	0.06	0.06
9.95	0.05	0.04	12.55	0.28	0.27	15.15	0.06	0.06
10.00	0.05	0.04	12.60	0.26	0.25	15.20	0.06	0.06
10.05	0.05	0.04	12.65	0.25	0.23	15.25	0.06	0.06
10.10	0.05	0.04	12.70	0.24	0.23	15.30	0.06	0.06
10.15	0.05	0.04	12.75	0.23	0.22	15.35	0.06	0.06
10.20	0.06	0.04	12.80	0.22	0.21	15.40	0.06	0.06
10.25	0.06	0.05	12.85	0.21	0.20	15.45	0.06	0.06
10.30	0.06	0.05	12.90	0.20	0.19	15.50	0.06	0.06
10.35	0.06	0.05	12.95	0.19	0.18	15.55	0.06	0.06

2025-08-13_Stormwater Calculations

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
15.60	0.06	0.06	18.20	0.04	0.04	20.80	0.03	0.03
15.65	0.06	0.06	18.25	0.04	0.03	20.85	0.03	0.03
15.70	0.06	0.06	18.30	0.04	0.03	20.90	0.03	0.03
15.75	0.06	0.06	18.35	0.04	0.03	20.95	0.03	0.03
15.80	0.06	0.05	18.40	0.04	0.03	21.00	0.03	0.03
15.85	0.06	0.05	18.45	0.04	0.03	21.05	0.03	0.03
15.90	0.06	0.05	18.50	0.04	0.03	21.10	0.03	0.03
15.95	0.06	0.05	18.55	0.04	0.03	21.15	0.03	0.03
16.00	0.06	0.05	18.60	0.04	0.03	21.20	0.03	0.03
16.05	0.05	0.05	18.65	0.04	0.03	21.25	0.03	0.03
16.10	0.05	0.05	18.70	0.04	0.03	21.30	0.03	0.03
16.15	0.05	0.05	18.75	0.04	0.03	21.35	0.03	0.03
16.20	0.05	0.05	18.80	0.04	0.03	21.40	0.03	0.03
16.25	0.05	0.05	18.85	0.03	0.03	21.45	0.03	0.03
16.30	0.05	0.05	18.90	0.03	0.03	21.50	0.03	0.03
16.35	0.05	0.05	18.95	0.03	0.03	21.55	0.03	0.03
16.40	0.05	0.05	19.00	0.03	0.03	21.60	0.03	0.03
16.45	0.05	0.05	19.05	0.03	0.03	21.65	0.03	0.03
16.50	0.05	0.05	19.10	0.03	0.03	21.70	0.03	0.03
16.55	0.05	0.05	19.15	0.03	0.03	21.75	0.03	0.03
16.60	0.05	0.05	19.20	0.03	0.03	21.80	0.03	0.03
16.65	0.05	0.05	19.25	0.03	0.03	21.85	0.03	0.03
16.70	0.05	0.05	19.30	0.03	0.03	21.90	0.03	0.03
16.75	0.05	0.05	19.35	0.03	0.03	21.95	0.03	0.03
16.80	0.05	0.05	19.40	0.03	0.03	22.00	0.03	0.03
16.85	0.05	0.05	19.45	0.03	0.03	22.05	0.03	0.03
16.90	0.05	0.05	19.50	0.03	0.03	22.10	0.03	0.03
16.95	0.05	0.05	19.55	0.03	0.03	22.15	0.03	0.03
17.00	0.05	0.04	19.60	0.03	0.03	22.20	0.03	0.03
17.05	0.05	0.04	19.65	0.03	0.03	22.25	0.03	0.03
17.10	0.05	0.04	19.70	0.03	0.03	22.30	0.03	0.03
17.15	0.04	0.04	19.75	0.03	0.03	22.35	0.03	0.03
17.20	0.04	0.04	19.80	0.03	0.03	22.40	0.03	0.03
17.25	0.04	0.04	19.85	0.03	0.03	22.45	0.03	0.03
17.30	0.04	0.04	19.90	0.03	0.03	22.50	0.03	0.03
17.35	0.04	0.04	19.95	0.03	0.03	22.55	0.03	0.03
17.40	0.04	0.04	20.00	0.03	0.03	22.60	0.03	0.03
17.45	0.04	0.04	20.05	0.03	0.03	22.65	0.03	0.03
17.50	0.04	0.04	20.10	0.03	0.03	22.70	0.03	0.03
17.55	0.04	0.04	20.15	0.03	0.03	22.75	0.03	0.03
17.60	0.04	0.04	20.20	0.03	0.03	22.80	0.03	0.03
17.65	0.04	0.04	20.25	0.03	0.03	22.85	0.03	0.03
17.70	0.04	0.04	20.30	0.03	0.03	22.90	0.03	0.03
17.75	0.04	0.04	20.35	0.03	0.03	22.95	0.03	0.02
17.80	0.04	0.04	20.40	0.03	0.03	23.00	0.03	0.02
17.85	0.04	0.04	20.45	0.03	0.03	23.05	0.03	0.02
17.90	0.04	0.04	20.50	0.03	0.03	23.10	0.03	0.02
17.95	0.04	0.04	20.55	0.03	0.03	23.15	0.03	0.02
18.00	0.04	0.04	20.60	0.03	0.03	23.20	0.03	0.02
18.05	0.04	0.04	20.65	0.03	0.03	23.25	0.02	0.02
18.10	0.04	0.04	20.70	0.03	0.03	23.30	0.02	0.02
18.15	0.04	0.04	20.75	0.03	0.03	23.35	0.02	0.02

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
23.40	0.02	0.02	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.02	0.02	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.02	0.02	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.02	0.02	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.02	0.02	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.02	0.02	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.02	0.02	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.02	0.02	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.02	0.02	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.02	0.02	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.02	0.02	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.02	0.02	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.02	0.02	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.01	0.01	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

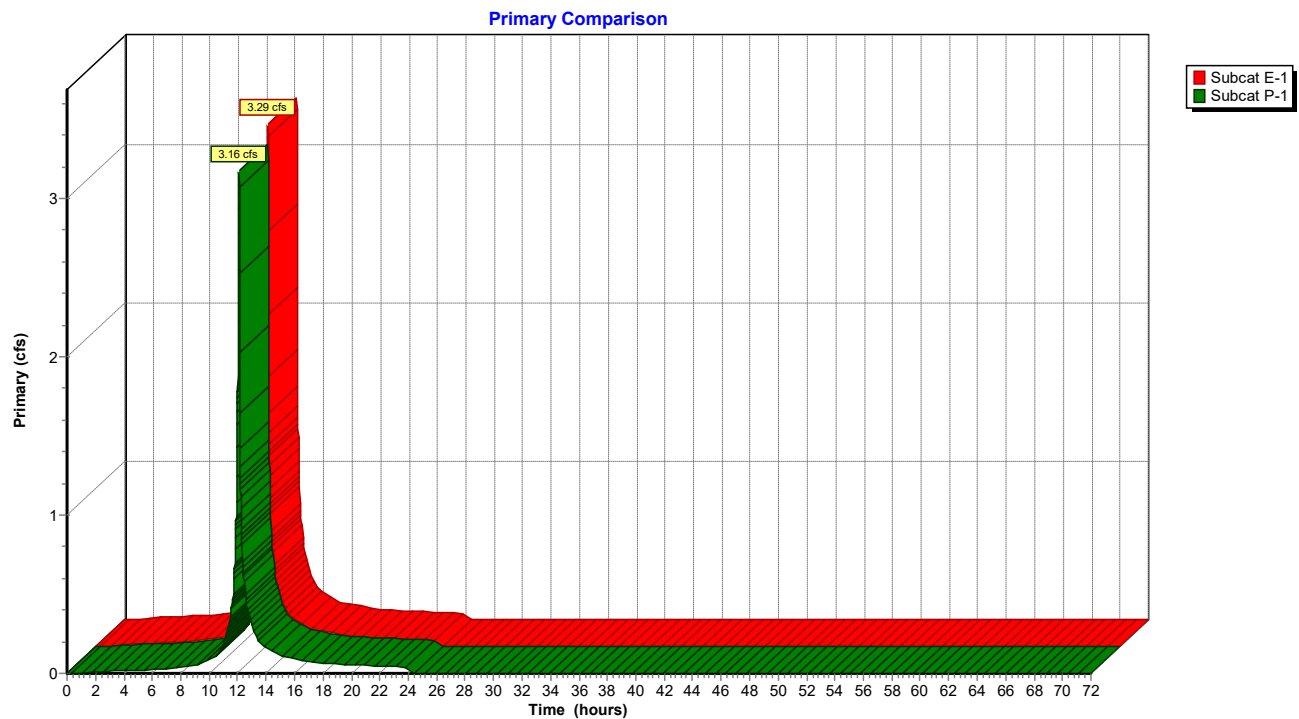
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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00



Primary Comparison

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
0.00	0.00	0.00	2.60	0.02	0.01	5.20	0.03	0.02
0.05	0.00	0.00	2.65	0.02	0.01	5.25	0.03	0.02
0.10	0.00	0.00	2.70	0.02	0.01	5.30	0.03	0.02
0.15	0.00	0.00	2.75	0.02	0.01	5.35	0.03	0.02
0.20	0.00	0.00	2.80	0.02	0.01	5.40	0.03	0.02
0.25	0.00	0.00	2.85	0.02	0.01	5.45	0.03	0.02
0.30	0.00	0.00	2.90	0.02	0.01	5.50	0.03	0.02
0.35	0.00	0.00	2.95	0.02	0.01	5.55	0.03	0.02
0.40	0.00	0.00	3.00	0.02	0.01	5.60	0.03	0.02
0.45	0.00	0.00	3.05	0.02	0.01	5.65	0.03	0.02
0.50	0.00	0.00	3.10	0.02	0.01	5.70	0.03	0.02
0.55	0.00	0.00	3.15	0.02	0.01	5.75	0.03	0.02
0.60	0.00	0.00	3.20	0.02	0.01	5.80	0.03	0.02
0.65	0.00	0.00	3.25	0.02	0.02	5.85	0.03	0.02
0.70	0.00	0.00	3.30	0.02	0.02	5.90	0.03	0.02
0.75	0.00	0.00	3.35	0.02	0.02	5.95	0.03	0.02
0.80	0.00	0.00	3.40	0.02	0.02	6.00	0.03	0.02
0.85	0.00	0.00	3.45	0.02	0.02	6.05	0.03	0.02
0.90	0.00	0.00	3.50	0.02	0.02	6.10	0.03	0.02
0.95	0.00	0.00	3.55	0.02	0.02	6.15	0.03	0.02
1.00	0.00	0.00	3.60	0.02	0.02	6.20	0.03	0.02
1.05	0.00	0.00	3.65	0.02	0.02	6.25	0.03	0.02
1.10	0.00	0.00	3.70	0.02	0.02	6.30	0.03	0.02
1.15	0.00	0.00	3.75	0.02	0.02	6.35	0.03	0.03
1.20	0.01	0.00	3.80	0.02	0.02	6.40	0.03	0.03
1.25	0.01	0.00	3.85	0.02	0.02	6.45	0.03	0.03
1.30	0.01	0.01	3.90	0.02	0.02	6.50	0.03	0.03
1.35	0.01	0.01	3.95	0.02	0.02	6.55	0.03	0.03
1.40	0.01	0.01	4.00	0.02	0.02	6.60	0.03	0.03
1.45	0.01	0.01	4.05	0.02	0.02	6.65	0.03	0.03
1.50	0.01	0.01	4.10	0.02	0.02	6.70	0.03	0.03
1.55	0.01	0.01	4.15	0.02	0.02	6.75	0.03	0.03
1.60	0.01	0.01	4.20	0.02	0.02	6.80	0.03	0.03
1.65	0.01	0.01	4.25	0.02	0.02	6.85	0.04	0.03
1.70	0.01	0.01	4.30	0.02	0.02	6.90	0.04	0.03
1.75	0.01	0.01	4.35	0.02	0.02	6.95	0.04	0.03
1.80	0.01	0.01	4.40	0.02	0.02	7.00	0.04	0.03
1.85	0.01	0.01	4.45	0.02	0.02	7.05	0.04	0.03
1.90	0.01	0.01	4.50	0.02	0.02	7.10	0.04	0.03
1.95	0.01	0.01	4.55	0.02	0.02	7.15	0.04	0.03
2.00	0.01	0.01	4.60	0.02	0.02	7.20	0.04	0.03
2.05	0.01	0.01	4.65	0.02	0.02	7.25	0.04	0.03
2.10	0.01	0.01	4.70	0.02	0.02	7.30	0.04	0.03
2.15	0.01	0.01	4.75	0.02	0.02	7.35	0.04	0.03
2.20	0.01	0.01	4.80	0.02	0.02	7.40	0.04	0.03
2.25	0.01	0.01	4.85	0.02	0.02	7.45	0.04	0.03
2.30	0.01	0.01	4.90	0.02	0.02	7.50	0.04	0.03
2.35	0.01	0.01	4.95	0.03	0.02	7.55	0.04	0.03
2.40	0.01	0.01	5.00	0.03	0.02	7.60	0.04	0.03
2.45	0.01	0.01	5.05	0.03	0.02	7.65	0.04	0.03
2.50	0.01	0.01	5.10	0.03	0.02	7.70	0.04	0.03
2.55	0.02	0.01	5.15	0.03	0.02	7.75	0.04	0.03

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
7.80	0.04	0.04	10.40	0.12	0.11	13.00	0.32	0.31
7.85	0.04	0.04	10.45	0.12	0.11	13.05	0.29	0.29
7.90	0.04	0.04	10.50	0.12	0.11	13.10	0.29	0.28
7.95	0.04	0.04	10.55	0.13	0.12	13.15	0.27	0.26
8.00	0.05	0.04	10.60	0.14	0.12	13.20	0.27	0.26
8.05	0.05	0.04	10.65	0.15	0.13	13.25	0.25	0.25
8.10	0.05	0.04	10.70	0.15	0.14	13.30	0.25	0.24
8.15	0.05	0.04	10.75	0.17	0.15	13.35	0.23	0.23
8.20	0.05	0.04	10.80	0.17	0.15	13.40	0.23	0.22
8.25	0.05	0.04	10.85	0.18	0.16	13.45	0.21	0.21
8.30	0.05	0.04	10.90	0.19	0.17	13.50	0.21	0.20
8.35	0.05	0.04	10.95	0.20	0.18	13.55	0.19	0.19
8.40	0.05	0.04	11.00	0.20	0.18	13.60	0.19	0.18
8.45	0.05	0.04	11.05	0.22	0.20	13.65	0.18	0.18
8.50	0.05	0.04	11.10	0.23	0.21	13.70	0.18	0.18
8.55	0.05	0.04	11.15	0.25	0.23	13.75	0.18	0.18
8.60	0.05	0.04	11.20	0.26	0.24	13.80	0.18	0.17
8.65	0.05	0.04	11.25	0.28	0.26	13.85	0.17	0.17
8.70	0.05	0.05	11.30	0.29	0.27	13.90	0.17	0.17
8.75	0.06	0.05	11.35	0.31	0.29	13.95	0.17	0.16
8.80	0.06	0.05	11.40	0.32	0.30	14.00	0.17	0.16
8.85	0.06	0.05	11.45	0.34	0.32	14.05	0.16	0.16
8.90	0.06	0.05	11.50	0.35	0.33	14.10	0.16	0.16
8.95	0.06	0.05	11.55	0.45	0.42	14.15	0.16	0.15
9.00	0.06	0.05	11.60	0.48	0.45	14.20	0.16	0.15
9.05	0.06	0.05	11.65	0.51	0.47	14.25	0.15	0.15
9.10	0.06	0.05	11.70	0.52	0.49	14.30	0.15	0.15
9.15	0.07	0.05	11.75	0.68	0.63	14.35	0.15	0.14
9.20	0.07	0.06	11.80	0.73	0.69	14.40	0.15	0.14
9.25	0.07	0.06	11.85	0.96	0.91	14.45	0.14	0.14
9.30	0.07	0.06	11.90	1.04	0.99	14.50	0.14	0.14
9.35	0.07	0.06	11.95	1.65	1.57	14.55	0.14	0.13
9.40	0.07	0.06	12.00	1.87	1.78	14.60	0.14	0.13
9.45	0.08	0.07	12.05	2.91	2.78	14.65	0.13	0.13
9.50	0.08	0.07	12.10	3.29	3.16	14.70	0.13	0.13
9.55	0.08	0.07	12.15	1.70	1.64	14.75	0.13	0.12
9.60	0.08	0.07	12.20	1.21	1.17	14.80	0.12	0.12
9.65	0.09	0.07	12.25	0.94	0.91	14.85	0.12	0.12
9.70	0.09	0.07	12.30	0.87	0.84	14.90	0.12	0.12
9.75	0.09	0.08	12.35	0.69	0.67	14.95	0.11	0.11
9.80	0.09	0.08	12.40	0.64	0.62	15.00	0.11	0.11
9.85	0.09	0.08	12.45	0.61	0.59	15.05	0.11	0.11
9.90	0.10	0.08	12.50	0.61	0.59	15.10	0.11	0.11
9.95	0.10	0.09	12.55	0.49	0.48	15.15	0.11	0.10
10.00	0.10	0.09	12.60	0.45	0.44	15.20	0.11	0.10
10.05	0.10	0.09	12.65	0.43	0.42	15.25	0.11	0.10
10.10	0.10	0.09	12.70	0.42	0.41	15.30	0.10	0.10
10.15	0.11	0.09	12.75	0.39	0.38	15.35	0.10	0.10
10.20	0.11	0.10	12.80	0.39	0.38	15.40	0.10	0.10
10.25	0.11	0.10	12.85	0.36	0.35	15.45	0.10	0.10
10.30	0.11	0.10	12.90	0.35	0.34	15.50	0.10	0.10
10.35	0.12	0.10	12.95	0.33	0.32	15.55	0.10	0.10

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
15.60	0.10	0.10	18.20	0.06	0.06	20.80	0.05	0.05
15.65	0.10	0.10	18.25	0.06	0.06	20.85	0.05	0.05
15.70	0.10	0.10	18.30	0.06	0.06	20.90	0.05	0.05
15.75	0.10	0.10	18.35	0.06	0.06	20.95	0.05	0.05
15.80	0.10	0.10	18.40	0.06	0.06	21.00	0.05	0.05
15.85	0.10	0.09	18.45	0.06	0.06	21.05	0.05	0.05
15.90	0.10	0.09	18.50	0.06	0.06	21.10	0.05	0.05
15.95	0.09	0.09	18.55	0.06	0.06	21.15	0.05	0.05
16.00	0.09	0.09	18.60	0.06	0.06	21.20	0.05	0.05
16.05	0.09	0.09	18.65	0.06	0.06	21.25	0.05	0.05
16.10	0.09	0.09	18.70	0.06	0.06	21.30	0.05	0.05
16.15	0.09	0.09	18.75	0.06	0.06	21.35	0.05	0.05
16.20	0.09	0.09	18.80	0.06	0.06	21.40	0.05	0.05
16.25	0.09	0.09	18.85	0.06	0.06	21.45	0.05	0.05
16.30	0.09	0.09	18.90	0.06	0.06	21.50	0.05	0.05
16.35	0.09	0.09	18.95	0.06	0.06	21.55	0.05	0.05
16.40	0.09	0.09	19.00	0.06	0.06	21.60	0.05	0.05
16.45	0.09	0.09	19.05	0.06	0.06	21.65	0.05	0.05
16.50	0.09	0.09	19.10	0.06	0.06	21.70	0.05	0.05
16.55	0.09	0.08	19.15	0.06	0.06	21.75	0.05	0.05
16.60	0.09	0.08	19.20	0.06	0.06	21.80	0.05	0.05
16.65	0.08	0.08	19.25	0.06	0.06	21.85	0.05	0.05
16.70	0.08	0.08	19.30	0.06	0.06	21.90	0.05	0.05
16.75	0.08	0.08	19.35	0.06	0.06	21.95	0.05	0.05
16.80	0.08	0.08	19.40	0.06	0.06	22.00	0.05	0.05
16.85	0.08	0.08	19.45	0.06	0.06	22.05	0.05	0.05
16.90	0.08	0.08	19.50	0.06	0.06	22.10	0.05	0.05
16.95	0.08	0.08	19.55	0.06	0.06	22.15	0.05	0.05
17.00	0.08	0.08	19.60	0.06	0.06	22.20	0.05	0.05
17.05	0.08	0.08	19.65	0.06	0.06	22.25	0.05	0.05
17.10	0.08	0.08	19.70	0.06	0.06	22.30	0.05	0.05
17.15	0.08	0.08	19.75	0.06	0.05	22.35	0.05	0.04
17.20	0.08	0.07	19.80	0.06	0.05	22.40	0.05	0.04
17.25	0.07	0.07	19.85	0.06	0.05	22.45	0.05	0.04
17.30	0.07	0.07	19.90	0.06	0.05	22.50	0.05	0.04
17.35	0.07	0.07	19.95	0.05	0.05	22.55	0.04	0.04
17.40	0.07	0.07	20.00	0.05	0.05	22.60	0.04	0.04
17.45	0.07	0.07	20.05	0.05	0.05	22.65	0.04	0.04
17.50	0.07	0.07	20.10	0.05	0.05	22.70	0.04	0.04
17.55	0.07	0.07	20.15	0.05	0.05	22.75	0.04	0.04
17.60	0.07	0.07	20.20	0.05	0.05	22.80	0.04	0.04
17.65	0.07	0.07	20.25	0.05	0.05	22.85	0.04	0.04
17.70	0.07	0.07	20.30	0.05	0.05	22.90	0.04	0.04
17.75	0.07	0.07	20.35	0.05	0.05	22.95	0.04	0.04
17.80	0.07	0.07	20.40	0.05	0.05	23.00	0.04	0.04
17.85	0.07	0.06	20.45	0.05	0.05	23.05	0.04	0.04
17.90	0.07	0.06	20.50	0.05	0.05	23.10	0.04	0.04
17.95	0.06	0.06	20.55	0.05	0.05	23.15	0.04	0.04
18.00	0.06	0.06	20.60	0.05	0.05	23.20	0.04	0.04
18.05	0.06	0.06	20.65	0.05	0.05	23.25	0.04	0.04
18.10	0.06	0.06	20.70	0.05	0.05	23.30	0.04	0.04
18.15	0.06	0.06	20.75	0.05	0.05	23.35	0.04	0.04

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
23.40	0.04	0.04	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.04	0.04	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.04	0.04	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.04	0.04	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.04	0.04	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.04	0.04	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.04	0.04	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.04	0.04	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.04	0.04	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.04	0.04	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.04	0.04	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.04	0.04	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.04	0.04	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.01	0.01	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

Primary Comparison (continued)

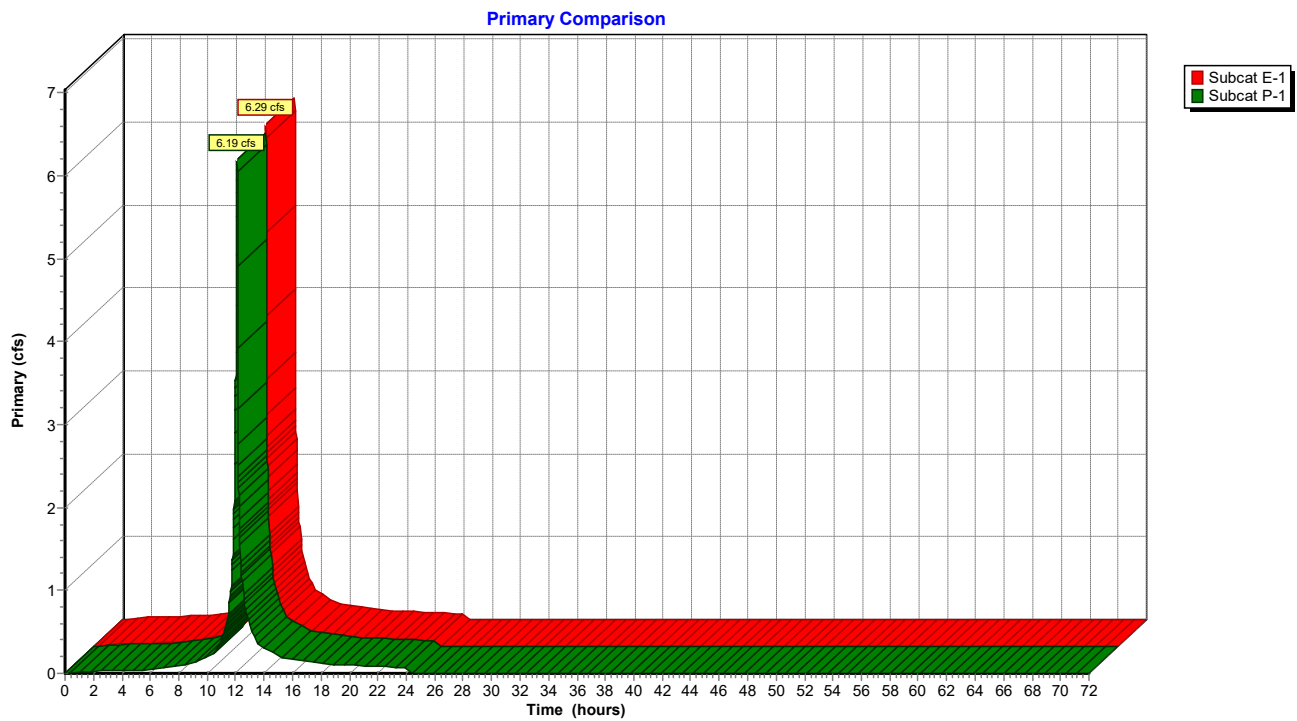
Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00



2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2020 Rainfall=9.18", P2=3.47"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
0.00	0.00	0.00	2.60	0.03	0.03	5.20	0.05	0.04
0.05	0.00	0.00	2.65	0.03	0.03	5.25	0.05	0.04
0.10	0.00	0.00	2.70	0.03	0.03	5.30	0.05	0.04
0.15	0.00	0.00	2.75	0.03	0.03	5.35	0.05	0.04
0.20	0.00	0.00	2.80	0.04	0.03	5.40	0.05	0.04
0.25	0.00	0.00	2.85	0.04	0.03	5.45	0.05	0.04
0.30	0.00	0.00	2.90	0.04	0.03	5.50	0.05	0.04
0.35	0.00	0.00	2.95	0.04	0.03	5.55	0.05	0.04
0.40	0.00	0.00	3.00	0.04	0.03	5.60	0.05	0.04
0.45	0.00	0.00	3.05	0.04	0.03	5.65	0.05	0.04
0.50	0.00	0.00	3.10	0.04	0.03	5.70	0.05	0.04
0.55	0.00	0.00	3.15	0.04	0.03	5.75	0.05	0.04
0.60	0.01	0.00	3.20	0.04	0.03	5.80	0.05	0.04
0.65	0.01	0.01	3.25	0.04	0.03	5.85	0.05	0.04
0.70	0.01	0.01	3.30	0.04	0.03	5.90	0.05	0.04
0.75	0.01	0.01	3.35	0.04	0.03	5.95	0.05	0.04
0.80	0.01	0.01	3.40	0.04	0.03	6.00	0.05	0.04
0.85	0.01	0.01	3.45	0.04	0.03	6.05	0.06	0.05
0.90	0.01	0.01	3.50	0.04	0.03	6.10	0.06	0.05
0.95	0.01	0.01	3.55	0.04	0.03	6.15	0.06	0.05
1.00	0.01	0.01	3.60	0.04	0.03	6.20	0.06	0.05
1.05	0.02	0.01	3.65	0.04	0.03	6.25	0.06	0.05
1.10	0.02	0.01	3.70	0.04	0.03	6.30	0.06	0.05
1.15	0.02	0.01	3.75	0.04	0.03	6.35	0.06	0.05
1.20	0.02	0.01	3.80	0.04	0.03	6.40	0.06	0.05
1.25	0.02	0.02	3.85	0.04	0.03	6.45	0.06	0.05
1.30	0.02	0.02	3.90	0.04	0.03	6.50	0.06	0.05
1.35	0.02	0.02	3.95	0.04	0.03	6.55	0.07	0.06
1.40	0.02	0.02	4.00	0.04	0.03	6.60	0.07	0.06
1.45	0.02	0.02	4.05	0.04	0.03	6.65	0.07	0.06
1.50	0.02	0.02	4.10	0.04	0.03	6.70	0.07	0.06
1.55	0.02	0.02	4.15	0.04	0.03	6.75	0.07	0.06
1.60	0.02	0.02	4.20	0.04	0.03	6.80	0.07	0.06
1.65	0.02	0.02	4.25	0.04	0.04	6.85	0.07	0.06
1.70	0.03	0.02	4.30	0.04	0.04	6.90	0.07	0.06
1.75	0.03	0.02	4.35	0.04	0.04	6.95	0.08	0.06
1.80	0.03	0.02	4.40	0.04	0.04	7.00	0.08	0.07
1.85	0.03	0.02	4.45	0.04	0.04	7.05	0.08	0.07
1.90	0.03	0.02	4.50	0.04	0.04	7.10	0.08	0.07
1.95	0.03	0.02	4.55	0.05	0.04	7.15	0.08	0.07
2.00	0.03	0.02	4.60	0.05	0.04	7.20	0.08	0.07
2.05	0.03	0.02	4.65	0.05	0.04	7.25	0.08	0.07
2.10	0.03	0.02	4.70	0.05	0.04	7.30	0.08	0.07
2.15	0.03	0.02	4.75	0.05	0.04	7.35	0.09	0.07
2.20	0.03	0.02	4.80	0.05	0.04	7.40	0.09	0.07
2.25	0.03	0.02	4.85	0.05	0.04	7.45	0.09	0.08
2.30	0.03	0.03	4.90	0.05	0.04	7.50	0.09	0.08
2.35	0.03	0.03	4.95	0.05	0.04	7.55	0.09	0.08
2.40	0.03	0.03	5.00	0.05	0.04	7.60	0.09	0.08
2.45	0.03	0.03	5.05	0.05	0.04	7.65	0.09	0.08
2.50	0.03	0.03	5.10	0.05	0.04	7.70	0.09	0.08
2.55	0.03	0.03	5.15	0.05	0.04	7.75	0.10	0.08

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
7.80	0.10	0.09	10.40	0.25	0.24	13.00	0.59	0.59
7.85	0.10	0.09	10.45	0.26	0.24	13.05	0.54	0.54
7.90	0.10	0.09	10.50	0.26	0.25	13.10	0.53	0.52
7.95	0.10	0.09	10.55	0.29	0.27	13.15	0.50	0.50
8.00	0.10	0.09	10.60	0.29	0.28	13.20	0.49	0.49
8.05	0.10	0.09	10.65	0.32	0.30	13.25	0.47	0.46
8.10	0.10	0.09	10.70	0.33	0.31	13.30	0.46	0.45
8.15	0.11	0.09	10.75	0.35	0.33	13.35	0.43	0.43
8.20	0.11	0.10	10.80	0.36	0.34	13.40	0.42	0.42
8.25	0.11	0.10	10.85	0.38	0.36	13.45	0.39	0.39
8.30	0.11	0.10	10.90	0.39	0.37	13.50	0.38	0.38
8.35	0.11	0.10	10.95	0.41	0.39	13.55	0.36	0.35
8.40	0.11	0.10	11.00	0.42	0.40	13.60	0.35	0.34
8.45	0.11	0.10	11.05	0.47	0.44	13.65	0.34	0.34
8.50	0.12	0.10	11.10	0.48	0.46	13.70	0.34	0.33
8.55	0.12	0.11	11.15	0.52	0.50	13.75	0.33	0.33
8.60	0.12	0.11	11.20	0.54	0.51	13.80	0.33	0.33
8.65	0.12	0.11	11.25	0.58	0.56	13.85	0.32	0.32
8.70	0.12	0.11	11.30	0.60	0.57	13.90	0.32	0.31
8.75	0.12	0.11	11.35	0.64	0.62	13.95	0.31	0.31
8.80	0.12	0.11	11.40	0.66	0.63	14.00	0.31	0.31
8.85	0.13	0.11	11.45	0.71	0.68	14.05	0.30	0.30
8.90	0.13	0.12	11.50	0.72	0.69	14.10	0.30	0.30
8.95	0.13	0.12	11.55	0.92	0.88	14.15	0.29	0.29
9.00	0.13	0.12	11.60	0.98	0.95	14.20	0.29	0.29
9.05	0.14	0.12	11.65	1.03	1.00	14.25	0.28	0.28
9.10	0.14	0.13	11.70	1.05	1.02	14.30	0.28	0.28
9.15	0.14	0.13	11.75	1.36	1.32	14.35	0.27	0.27
9.20	0.15	0.13	11.80	1.46	1.42	14.40	0.27	0.27
9.25	0.15	0.14	11.85	1.92	1.86	14.45	0.26	0.26
9.30	0.15	0.14	11.90	2.07	2.01	14.50	0.26	0.26
9.35	0.16	0.15	11.95	3.25	3.17	14.55	0.25	0.25
9.40	0.16	0.15	12.00	3.65	3.57	14.60	0.25	0.25
9.45	0.17	0.15	12.05	5.62	5.51	14.65	0.24	0.24
9.50	0.17	0.16	12.10	6.29	6.18	14.70	0.24	0.24
9.55	0.18	0.16	12.15	3.23	3.18	14.75	0.23	0.23
9.60	0.18	0.17	12.20	2.29	2.26	14.80	0.23	0.23
9.65	0.19	0.17	12.25	1.77	1.75	14.85	0.22	0.22
9.70	0.19	0.17	12.30	1.63	1.61	14.90	0.22	0.22
9.75	0.20	0.18	12.35	1.29	1.28	14.95	0.21	0.21
9.80	0.20	0.18	12.40	1.19	1.18	15.00	0.21	0.21
9.85	0.20	0.19	12.45	1.14	1.13	15.05	0.20	0.20
9.90	0.21	0.19	12.50	1.13	1.12	15.10	0.20	0.20
9.95	0.21	0.20	12.55	0.91	0.90	15.15	0.20	0.19
10.00	0.22	0.20	12.60	0.85	0.84	15.20	0.19	0.19
10.05	0.22	0.21	12.65	0.80	0.79	15.25	0.19	0.19
10.10	0.23	0.21	12.70	0.78	0.77	15.30	0.19	0.19
10.15	0.23	0.22	12.75	0.73	0.73	15.35	0.19	0.19
10.20	0.23	0.22	12.80	0.72	0.71	15.40	0.19	0.19
10.25	0.24	0.23	12.85	0.67	0.66	15.45	0.19	0.19
10.30	0.24	0.23	12.90	0.66	0.65	15.50	0.19	0.19
10.35	0.25	0.23	12.95	0.61	0.60	15.55	0.18	0.18

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
15.60	0.18	0.18	18.20	0.11	0.11	20.80	0.09	0.09
15.65	0.18	0.18	18.25	0.11	0.11	20.85	0.09	0.09
15.70	0.18	0.18	18.30	0.11	0.11	20.90	0.09	0.09
15.75	0.18	0.18	18.35	0.11	0.11	20.95	0.09	0.09
15.80	0.18	0.18	18.40	0.11	0.11	21.00	0.09	0.09
15.85	0.18	0.17	18.45	0.11	0.11	21.05	0.09	0.09
15.90	0.18	0.17	18.50	0.11	0.11	21.10	0.09	0.09
15.95	0.17	0.17	18.55	0.11	0.11	21.15	0.09	0.09
16.00	0.17	0.17	18.60	0.11	0.11	21.20	0.09	0.09
16.05	0.17	0.17	18.65	0.11	0.11	21.25	0.09	0.09
16.10	0.17	0.17	18.70	0.11	0.11	21.30	0.09	0.09
16.15	0.17	0.17	18.75	0.11	0.11	21.35	0.09	0.09
16.20	0.17	0.17	18.80	0.11	0.11	21.40	0.09	0.09
16.25	0.17	0.16	18.85	0.11	0.11	21.45	0.09	0.09
16.30	0.16	0.16	18.90	0.11	0.11	21.50	0.09	0.09
16.35	0.16	0.16	18.95	0.11	0.11	21.55	0.09	0.09
16.40	0.16	0.16	19.00	0.11	0.11	21.60	0.09	0.09
16.45	0.16	0.16	19.05	0.11	0.11	21.65	0.09	0.09
16.50	0.16	0.16	19.10	0.11	0.11	21.70	0.09	0.09
16.55	0.16	0.16	19.15	0.11	0.11	21.75	0.09	0.09
16.60	0.16	0.15	19.20	0.11	0.10	21.80	0.09	0.09
16.65	0.15	0.15	19.25	0.10	0.10	21.85	0.09	0.09
16.70	0.15	0.15	19.30	0.10	0.10	21.90	0.09	0.09
16.75	0.15	0.15	19.35	0.10	0.10	21.95	0.09	0.09
16.80	0.15	0.15	19.40	0.10	0.10	22.00	0.09	0.09
16.85	0.15	0.15	19.45	0.10	0.10	22.05	0.08	0.08
16.90	0.15	0.15	19.50	0.10	0.10	22.10	0.08	0.08
16.95	0.14	0.14	19.55	0.10	0.10	22.15	0.08	0.08
17.00	0.14	0.14	19.60	0.10	0.10	22.20	0.08	0.08
17.05	0.14	0.14	19.65	0.10	0.10	22.25	0.08	0.08
17.10	0.14	0.14	19.70	0.10	0.10	22.30	0.08	0.08
17.15	0.14	0.14	19.75	0.10	0.10	22.35	0.08	0.08
17.20	0.14	0.14	19.80	0.10	0.10	22.40	0.08	0.08
17.25	0.14	0.14	19.85	0.10	0.10	22.45	0.08	0.08
17.30	0.14	0.14	19.90	0.10	0.10	22.50	0.08	0.08
17.35	0.13	0.13	19.95	0.10	0.10	22.55	0.08	0.08
17.40	0.13	0.13	20.00	0.10	0.10	22.60	0.08	0.08
17.45	0.13	0.13	20.05	0.10	0.10	22.65	0.08	0.08
17.50	0.13	0.13	20.10	0.10	0.10	22.70	0.08	0.08
17.55	0.13	0.13	20.15	0.10	0.10	22.75	0.08	0.08
17.60	0.13	0.13	20.20	0.10	0.10	22.80	0.08	0.08
17.65	0.13	0.12	20.25	0.10	0.10	22.85	0.08	0.08
17.70	0.12	0.12	20.30	0.10	0.10	22.90	0.08	0.08
17.75	0.12	0.12	20.35	0.10	0.10	22.95	0.08	0.08
17.80	0.12	0.12	20.40	0.10	0.10	23.00	0.08	0.08
17.85	0.12	0.12	20.45	0.10	0.10	23.05	0.08	0.08
17.90	0.12	0.12	20.50	0.10	0.10	23.10	0.08	0.08
17.95	0.12	0.12	20.55	0.10	0.10	23.15	0.08	0.08
18.00	0.12	0.12	20.60	0.10	0.10	23.20	0.08	0.08
18.05	0.11	0.11	20.65	0.09	0.09	23.25	0.08	0.08
18.10	0.11	0.11	20.70	0.09	0.09	23.30	0.08	0.08
18.15	0.11	0.11	20.75	0.09	0.09	23.35	0.08	0.08

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
23.40	0.08	0.08	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.07	0.07	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.07	0.07	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.07	0.07	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.07	0.07	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.07	0.07	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.07	0.07	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.07	0.07	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.07	0.07	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.07	0.07	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.07	0.07	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.07	0.07	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.07	0.07	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.02	0.02	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00

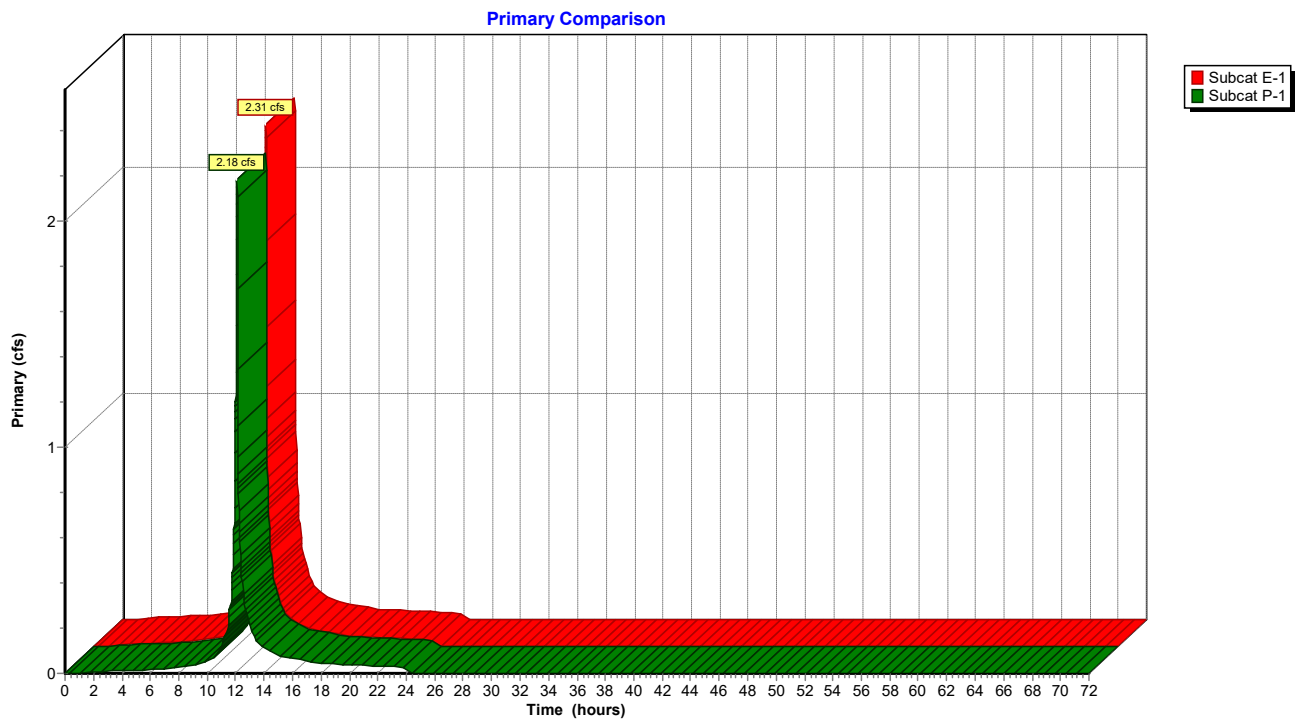
2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
0.00	0.00	0.00	2.60	0.01	0.01	5.20	0.02	0.01
0.05	0.00	0.00	2.65	0.01	0.01	5.25	0.02	0.01
0.10	0.00	0.00	2.70	0.01	0.01	5.30	0.02	0.01
0.15	0.00	0.00	2.75	0.01	0.01	5.35	0.02	0.02
0.20	0.00	0.00	2.80	0.01	0.01	5.40	0.02	0.02
0.25	0.00	0.00	2.85	0.01	0.01	5.45	0.02	0.02
0.30	0.00	0.00	2.90	0.01	0.01	5.50	0.02	0.02
0.35	0.00	0.00	2.95	0.01	0.01	5.55	0.02	0.02
0.40	0.00	0.00	3.00	0.01	0.01	5.60	0.02	0.02
0.45	0.00	0.00	3.05	0.01	0.01	5.65	0.02	0.02
0.50	0.00	0.00	3.10	0.01	0.01	5.70	0.02	0.02
0.55	0.00	0.00	3.15	0.01	0.01	5.75	0.02	0.02
0.60	0.00	0.00	3.20	0.01	0.01	5.80	0.02	0.02
0.65	0.00	0.00	3.25	0.01	0.01	5.85	0.02	0.02
0.70	0.00	0.00	3.30	0.01	0.01	5.90	0.02	0.02
0.75	0.00	0.00	3.35	0.01	0.01	5.95	0.02	0.02
0.80	0.00	0.00	3.40	0.01	0.01	6.00	0.02	0.02
0.85	0.00	0.00	3.45	0.01	0.01	6.05	0.02	0.02
0.90	0.00	0.00	3.50	0.01	0.01	6.10	0.02	0.02
0.95	0.00	0.00	3.55	0.01	0.01	6.15	0.02	0.02
1.00	0.00	0.00	3.60	0.01	0.01	6.20	0.02	0.02
1.05	0.00	0.00	3.65	0.01	0.01	6.25	0.02	0.02
1.10	0.00	0.00	3.70	0.01	0.01	6.30	0.02	0.02
1.15	0.00	0.00	3.75	0.01	0.01	6.35	0.02	0.02
1.20	0.00	0.00	3.80	0.01	0.01	6.40	0.02	0.02
1.25	0.00	0.00	3.85	0.01	0.01	6.45	0.02	0.02
1.30	0.00	0.00	3.90	0.01	0.01	6.50	0.02	0.02
1.35	0.00	0.00	3.95	0.01	0.01	6.55	0.02	0.02
1.40	0.00	0.00	4.00	0.01	0.01	6.60	0.02	0.02
1.45	0.00	0.00	4.05	0.02	0.01	6.65	0.02	0.02
1.50	0.00	0.00	4.10	0.02	0.01	6.70	0.02	0.02
1.55	0.00	0.00	4.15	0.02	0.01	6.75	0.03	0.02
1.60	0.00	0.00	4.20	0.02	0.01	6.80	0.03	0.02
1.65	0.00	0.00	4.25	0.02	0.01	6.85	0.03	0.02
1.70	0.01	0.00	4.30	0.02	0.01	6.90	0.03	0.02
1.75	0.01	0.00	4.35	0.02	0.01	6.95	0.03	0.02
1.80	0.01	0.00	4.40	0.02	0.01	7.00	0.03	0.02
1.85	0.01	0.00	4.45	0.02	0.01	7.05	0.03	0.02
1.90	0.01	0.01	4.50	0.02	0.01	7.10	0.03	0.02
1.95	0.01	0.01	4.55	0.02	0.01	7.15	0.03	0.02
2.00	0.01	0.01	4.60	0.02	0.01	7.20	0.03	0.02
2.05	0.01	0.01	4.65	0.02	0.01	7.25	0.03	0.02
2.10	0.01	0.01	4.70	0.02	0.01	7.30	0.03	0.02
2.15	0.01	0.01	4.75	0.02	0.01	7.35	0.03	0.02
2.20	0.01	0.01	4.80	0.02	0.01	7.40	0.03	0.02
2.25	0.01	0.01	4.85	0.02	0.01	7.45	0.03	0.02
2.30	0.01	0.01	4.90	0.02	0.01	7.50	0.03	0.02
2.35	0.01	0.01	4.95	0.02	0.01	7.55	0.03	0.02
2.40	0.01	0.01	5.00	0.02	0.01	7.60	0.03	0.02
2.45	0.01	0.01	5.05	0.02	0.01	7.65	0.03	0.02
2.50	0.01	0.01	5.10	0.02	0.01	7.70	0.03	0.03
2.55	0.01	0.01	5.15	0.02	0.01	7.75	0.03	0.03

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
7.80	0.03	0.03	10.40	0.08	0.07	13.00	0.23	0.22
7.85	0.03	0.03	10.45	0.08	0.07	13.05	0.21	0.20
7.90	0.03	0.03	10.50	0.08	0.07	13.10	0.20	0.20
7.95	0.03	0.03	10.55	0.09	0.08	13.15	0.19	0.19
8.00	0.03	0.03	10.60	0.09	0.08	13.20	0.19	0.18
8.05	0.03	0.03	10.65	0.10	0.09	13.25	0.18	0.17
8.10	0.03	0.03	10.70	0.10	0.09	13.30	0.18	0.17
8.15	0.03	0.03	10.75	0.11	0.09	13.35	0.17	0.16
8.20	0.03	0.03	10.80	0.11	0.10	13.40	0.16	0.16
8.25	0.03	0.03	10.85	0.12	0.10	13.45	0.15	0.15
8.30	0.04	0.03	10.90	0.12	0.11	13.50	0.15	0.14
8.35	0.04	0.03	10.95	0.13	0.11	13.55	0.14	0.13
8.40	0.04	0.03	11.00	0.14	0.12	13.60	0.13	0.13
8.45	0.04	0.03	11.05	0.15	0.13	13.65	0.13	0.13
8.50	0.04	0.03	11.10	0.15	0.14	13.70	0.13	0.13
8.55	0.04	0.03	11.15	0.17	0.15	13.75	0.13	0.12
8.60	0.04	0.03	11.20	0.17	0.15	13.80	0.13	0.12
8.65	0.04	0.03	11.25	0.19	0.17	13.85	0.12	0.12
8.70	0.04	0.03	11.30	0.20	0.17	13.90	0.12	0.12
8.75	0.04	0.03	11.35	0.21	0.19	13.95	0.12	0.12
8.80	0.04	0.03	11.40	0.22	0.19	14.00	0.12	0.12
8.85	0.04	0.03	11.45	0.23	0.21	14.05	0.12	0.11
8.90	0.04	0.03	11.50	0.24	0.21	14.10	0.12	0.11
8.95	0.04	0.03	11.55	0.31	0.28	14.15	0.11	0.11
9.00	0.04	0.03	11.60	0.33	0.30	14.20	0.11	0.11
9.05	0.04	0.03	11.65	0.35	0.31	14.25	0.11	0.11
9.10	0.04	0.03	11.70	0.36	0.32	14.30	0.11	0.11
9.15	0.04	0.04	11.75	0.47	0.42	14.35	0.11	0.10
9.20	0.04	0.04	11.80	0.50	0.46	14.40	0.10	0.10
9.25	0.05	0.04	11.85	0.67	0.61	14.45	0.10	0.10
9.30	0.05	0.04	11.90	0.72	0.66	14.50	0.10	0.10
9.35	0.05	0.04	11.95	1.16	1.07	14.55	0.10	0.09
9.40	0.05	0.04	12.00	1.30	1.21	14.60	0.10	0.09
9.45	0.05	0.04	12.05	2.05	1.92	14.65	0.09	0.09
9.50	0.05	0.04	12.10	2.31	2.18	14.70	0.09	0.09
9.55	0.05	0.04	12.15	1.15	1.09	14.75	0.09	0.09
9.60	0.05	0.04	12.20	0.85	0.81	14.80	0.09	0.09
9.65	0.06	0.05	12.25	0.65	0.62	14.85	0.09	0.08
9.70	0.06	0.05	12.30	0.61	0.58	14.90	0.09	0.08
9.75	0.06	0.05	12.35	0.48	0.46	14.95	0.08	0.08
9.80	0.06	0.05	12.40	0.45	0.43	15.00	0.08	0.08
9.85	0.06	0.05	12.45	0.43	0.41	15.05	0.08	0.08
9.90	0.06	0.05	12.50	0.43	0.41	15.10	0.08	0.08
9.95	0.06	0.05	12.55	0.34	0.33	15.15	0.08	0.07
10.00	0.07	0.05	12.60	0.32	0.31	15.20	0.08	0.07
10.05	0.07	0.06	12.65	0.30	0.29	15.25	0.08	0.07
10.10	0.07	0.06	12.70	0.30	0.29	15.30	0.08	0.07
10.15	0.07	0.06	12.75	0.28	0.27	15.35	0.07	0.07
10.20	0.07	0.06	12.80	0.28	0.26	15.40	0.07	0.07
10.25	0.07	0.06	12.85	0.26	0.25	15.45	0.07	0.07
10.30	0.08	0.06	12.90	0.25	0.24	15.50	0.07	0.07
10.35	0.08	0.07	12.95	0.23	0.22	15.55	0.07	0.07

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
15.60	0.07	0.07	18.20	0.04	0.04	20.80	0.04	0.04
15.65	0.07	0.07	18.25	0.04	0.04	20.85	0.04	0.04
15.70	0.07	0.07	18.30	0.04	0.04	20.90	0.04	0.04
15.75	0.07	0.07	18.35	0.04	0.04	20.95	0.04	0.04
15.80	0.07	0.07	18.40	0.04	0.04	21.00	0.04	0.04
15.85	0.07	0.07	18.45	0.04	0.04	21.05	0.04	0.04
15.90	0.07	0.07	18.50	0.04	0.04	21.10	0.04	0.04
15.95	0.07	0.07	18.55	0.04	0.04	21.15	0.04	0.04
16.00	0.07	0.07	18.60	0.04	0.04	21.20	0.04	0.04
16.05	0.07	0.07	18.65	0.04	0.04	21.25	0.04	0.04
16.10	0.07	0.07	18.70	0.04	0.04	21.30	0.04	0.04
16.15	0.07	0.06	18.75	0.04	0.04	21.35	0.04	0.04
16.20	0.07	0.06	18.80	0.04	0.04	21.40	0.04	0.04
16.25	0.06	0.06	18.85	0.04	0.04	21.45	0.04	0.03
16.30	0.06	0.06	18.90	0.04	0.04	21.50	0.04	0.03
16.35	0.06	0.06	18.95	0.04	0.04	21.55	0.04	0.03
16.40	0.06	0.06	19.00	0.04	0.04	21.60	0.04	0.03
16.45	0.06	0.06	19.05	0.04	0.04	21.65	0.04	0.03
16.50	0.06	0.06	19.10	0.04	0.04	21.70	0.03	0.03
16.55	0.06	0.06	19.15	0.04	0.04	21.75	0.03	0.03
16.60	0.06	0.06	19.20	0.04	0.04	21.80	0.03	0.03
16.65	0.06	0.06	19.25	0.04	0.04	21.85	0.03	0.03
16.70	0.06	0.06	19.30	0.04	0.04	21.90	0.03	0.03
16.75	0.06	0.06	19.35	0.04	0.04	21.95	0.03	0.03
16.80	0.06	0.06	19.40	0.04	0.04	22.00	0.03	0.03
16.85	0.06	0.06	19.45	0.04	0.04	22.05	0.03	0.03
16.90	0.06	0.06	19.50	0.04	0.04	22.10	0.03	0.03
16.95	0.06	0.06	19.55	0.04	0.04	22.15	0.03	0.03
17.00	0.06	0.06	19.60	0.04	0.04	22.20	0.03	0.03
17.05	0.06	0.05	19.65	0.04	0.04	22.25	0.03	0.03
17.10	0.06	0.05	19.70	0.04	0.04	22.30	0.03	0.03
17.15	0.06	0.05	19.75	0.04	0.04	22.35	0.03	0.03
17.20	0.05	0.05	19.80	0.04	0.04	22.40	0.03	0.03
17.25	0.05	0.05	19.85	0.04	0.04	22.45	0.03	0.03
17.30	0.05	0.05	19.90	0.04	0.04	22.50	0.03	0.03
17.35	0.05	0.05	19.95	0.04	0.04	22.55	0.03	0.03
17.40	0.05	0.05	20.00	0.04	0.04	22.60	0.03	0.03
17.45	0.05	0.05	20.05	0.04	0.04	22.65	0.03	0.03
17.50	0.05	0.05	20.10	0.04	0.04	22.70	0.03	0.03
17.55	0.05	0.05	20.15	0.04	0.04	22.75	0.03	0.03
17.60	0.05	0.05	20.20	0.04	0.04	22.80	0.03	0.03
17.65	0.05	0.05	20.25	0.04	0.04	22.85	0.03	0.03
17.70	0.05	0.05	20.30	0.04	0.04	22.90	0.03	0.03
17.75	0.05	0.05	20.35	0.04	0.04	22.95	0.03	0.03
17.80	0.05	0.05	20.40	0.04	0.04	23.00	0.03	0.03
17.85	0.05	0.05	20.45	0.04	0.04	23.05	0.03	0.03
17.90	0.05	0.05	20.50	0.04	0.04	23.10	0.03	0.03
17.95	0.05	0.05	20.55	0.04	0.04	23.15	0.03	0.03
18.00	0.05	0.04	20.60	0.04	0.04	23.20	0.03	0.03
18.05	0.05	0.04	20.65	0.04	0.04	23.25	0.03	0.03
18.10	0.04	0.04	20.70	0.04	0.04	23.30	0.03	0.03
18.15	0.04	0.04	20.75	0.04	0.04	23.35	0.03	0.03

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
23.40	0.03	0.03	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.03	0.03	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.03	0.03	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.03	0.03	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.03	0.03	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.03	0.03	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.03	0.03	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.03	0.03	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.03	0.03	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.03	0.03	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.03	0.03	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.03	0.03	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.03	0.03	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.01	0.01	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

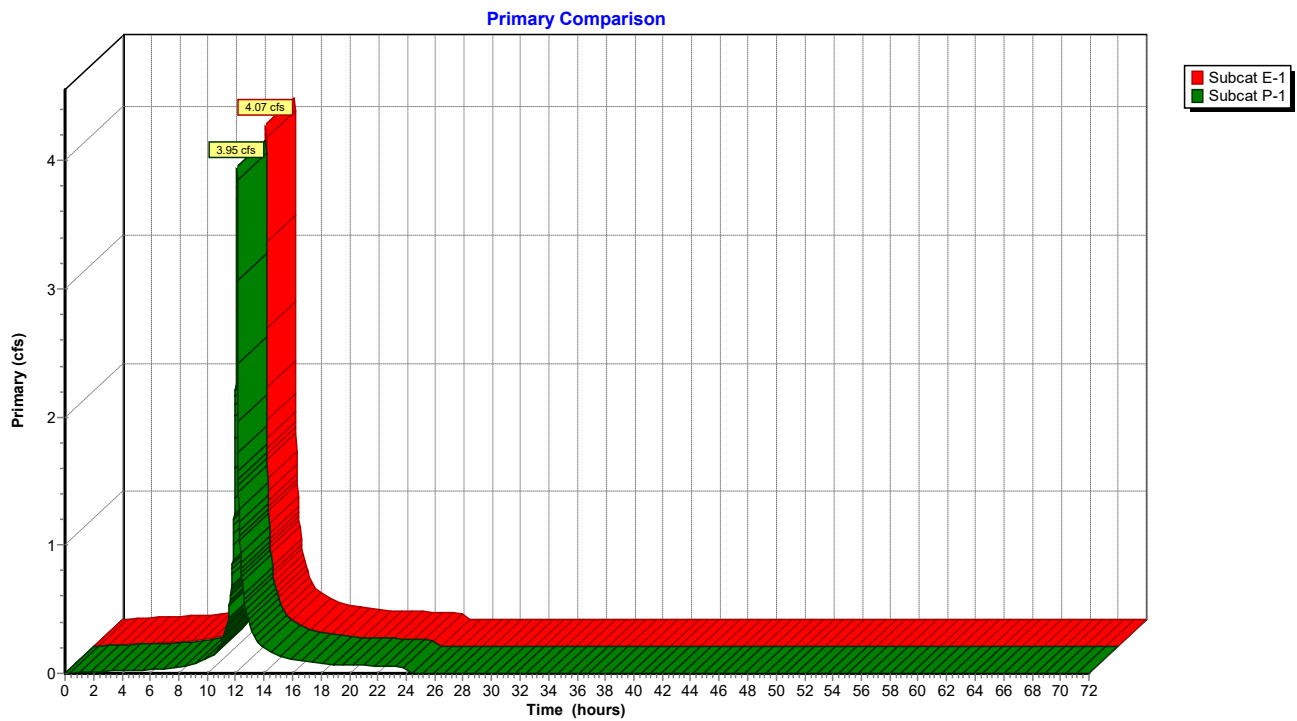
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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00



Primary Comparison

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
0.00	0.00	0.00	2.60	0.02	0.02	5.20	0.03	0.03
0.05	0.00	0.00	2.65	0.02	0.02	5.25	0.03	0.03
0.10	0.00	0.00	2.70	0.02	0.02	5.30	0.03	0.03
0.15	0.00	0.00	2.75	0.02	0.02	5.35	0.03	0.03
0.20	0.00	0.00	2.80	0.02	0.02	5.40	0.03	0.03
0.25	0.00	0.00	2.85	0.02	0.02	5.45	0.03	0.03
0.30	0.00	0.00	2.90	0.02	0.02	5.50	0.03	0.03
0.35	0.00	0.00	2.95	0.02	0.02	5.55	0.03	0.03
0.40	0.00	0.00	3.00	0.02	0.02	5.60	0.03	0.03
0.45	0.00	0.00	3.05	0.02	0.02	5.65	0.03	0.03
0.50	0.00	0.00	3.10	0.02	0.02	5.70	0.03	0.03
0.55	0.00	0.00	3.15	0.02	0.02	5.75	0.03	0.03
0.60	0.00	0.00	3.20	0.02	0.02	5.80	0.03	0.03
0.65	0.00	0.00	3.25	0.02	0.02	5.85	0.03	0.03
0.70	0.00	0.00	3.30	0.02	0.02	5.90	0.03	0.03
0.75	0.00	0.00	3.35	0.02	0.02	5.95	0.03	0.03
0.80	0.00	0.00	3.40	0.02	0.02	6.00	0.03	0.03
0.85	0.00	0.00	3.45	0.02	0.02	6.05	0.04	0.03
0.90	0.00	0.00	3.50	0.03	0.02	6.10	0.04	0.03
0.95	0.01	0.00	3.55	0.03	0.02	6.15	0.04	0.03
1.00	0.01	0.00	3.60	0.03	0.02	6.20	0.04	0.03
1.05	0.01	0.01	3.65	0.03	0.02	6.25	0.04	0.03
1.10	0.01	0.01	3.70	0.03	0.02	6.30	0.04	0.03
1.15	0.01	0.01	3.75	0.03	0.02	6.35	0.04	0.03
1.20	0.01	0.01	3.80	0.03	0.02	6.40	0.04	0.03
1.25	0.01	0.01	3.85	0.03	0.02	6.45	0.04	0.03
1.30	0.01	0.01	3.90	0.03	0.02	6.50	0.04	0.03
1.35	0.01	0.01	3.95	0.03	0.02	6.55	0.04	0.03
1.40	0.01	0.01	4.00	0.03	0.02	6.60	0.04	0.03
1.45	0.01	0.01	4.05	0.03	0.02	6.65	0.04	0.03
1.50	0.01	0.01	4.10	0.03	0.02	6.70	0.04	0.03
1.55	0.01	0.01	4.15	0.03	0.02	6.75	0.04	0.03
1.60	0.01	0.01	4.20	0.03	0.02	6.80	0.04	0.03
1.65	0.01	0.01	4.25	0.03	0.02	6.85	0.04	0.03
1.70	0.01	0.01	4.30	0.03	0.02	6.90	0.04	0.03
1.75	0.01	0.01	4.35	0.03	0.02	6.95	0.04	0.04
1.80	0.01	0.01	4.40	0.03	0.02	7.00	0.04	0.04
1.85	0.01	0.01	4.45	0.03	0.02	7.05	0.04	0.04
1.90	0.02	0.01	4.50	0.03	0.02	7.10	0.05	0.04
1.95	0.02	0.01	4.55	0.03	0.02	7.15	0.05	0.04
2.00	0.02	0.01	4.60	0.03	0.02	7.20	0.05	0.04
2.05	0.02	0.01	4.65	0.03	0.02	7.25	0.05	0.04
2.10	0.02	0.01	4.70	0.03	0.02	7.30	0.05	0.04
2.15	0.02	0.01	4.75	0.03	0.02	7.35	0.05	0.04
2.20	0.02	0.01	4.80	0.03	0.02	7.40	0.05	0.04
2.25	0.02	0.01	4.85	0.03	0.02	7.45	0.05	0.04
2.30	0.02	0.01	4.90	0.03	0.02	7.50	0.05	0.04
2.35	0.02	0.01	4.95	0.03	0.02	7.55	0.05	0.04
2.40	0.02	0.02	5.00	0.03	0.02	7.60	0.05	0.04
2.45	0.02	0.02	5.05	0.03	0.03	7.65	0.05	0.04
2.50	0.02	0.02	5.10	0.03	0.03	7.70	0.05	0.04
2.55	0.02	0.02	5.15	0.03	0.03	7.75	0.05	0.05

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
7.80	0.06	0.05	10.40	0.15	0.14	13.00	0.39	0.38
7.85	0.06	0.05	10.45	0.16	0.14	13.05	0.36	0.35
7.90	0.06	0.05	10.50	0.16	0.14	13.10	0.35	0.34
7.95	0.06	0.05	10.55	0.17	0.16	13.15	0.33	0.32
8.00	0.06	0.05	10.60	0.18	0.16	13.20	0.33	0.32
8.05	0.06	0.05	10.65	0.19	0.17	13.25	0.31	0.30
8.10	0.06	0.05	10.70	0.20	0.18	13.30	0.30	0.30
8.15	0.06	0.05	10.75	0.21	0.19	13.35	0.28	0.28
8.20	0.06	0.05	10.80	0.22	0.20	13.40	0.28	0.27
8.25	0.06	0.05	10.85	0.23	0.21	13.45	0.26	0.25
8.30	0.06	0.05	10.90	0.24	0.22	13.50	0.25	0.25
8.35	0.06	0.05	10.95	0.25	0.23	13.55	0.23	0.23
8.40	0.07	0.06	11.00	0.26	0.24	13.60	0.23	0.23
8.45	0.07	0.06	11.05	0.28	0.26	13.65	0.22	0.22
8.50	0.07	0.06	11.10	0.29	0.27	13.70	0.22	0.22
8.55	0.07	0.06	11.15	0.32	0.30	13.75	0.22	0.21
8.60	0.07	0.06	11.20	0.33	0.31	13.80	0.22	0.21
8.65	0.07	0.06	11.25	0.36	0.33	13.85	0.21	0.21
8.70	0.07	0.06	11.30	0.37	0.34	13.90	0.21	0.21
8.75	0.07	0.06	11.35	0.40	0.37	13.95	0.21	0.20
8.80	0.07	0.06	11.40	0.41	0.38	14.00	0.20	0.20
8.85	0.07	0.06	11.45	0.44	0.41	14.05	0.20	0.20
8.90	0.07	0.06	11.50	0.45	0.42	14.10	0.20	0.19
8.95	0.08	0.07	11.55	0.57	0.54	14.15	0.19	0.19
9.00	0.08	0.07	11.60	0.61	0.57	14.20	0.19	0.19
9.05	0.08	0.07	11.65	0.64	0.61	14.25	0.19	0.18
9.10	0.08	0.07	11.70	0.66	0.62	14.30	0.18	0.18
9.15	0.08	0.07	11.75	0.86	0.81	14.35	0.18	0.18
9.20	0.09	0.07	11.80	0.92	0.87	14.40	0.18	0.17
9.25	0.09	0.08	11.85	1.22	1.16	14.45	0.17	0.17
9.30	0.09	0.08	11.90	1.31	1.25	14.50	0.17	0.17
9.35	0.09	0.08	11.95	2.09	2.00	14.55	0.17	0.16
9.40	0.10	0.08	12.00	2.33	2.24	14.60	0.16	0.16
9.45	0.10	0.09	12.05	3.65	3.53	14.65	0.16	0.16
9.50	0.10	0.09	12.10	4.07	3.95	14.70	0.16	0.16
9.55	0.10	0.09	12.15	2.02	1.96	14.75	0.15	0.15
9.60	0.11	0.09	12.20	1.48	1.44	14.80	0.15	0.15
9.65	0.11	0.10	12.25	1.14	1.11	14.85	0.15	0.14
9.70	0.11	0.10	12.30	1.06	1.04	14.90	0.14	0.14
9.75	0.12	0.10	12.35	0.84	0.82	14.95	0.14	0.14
9.80	0.12	0.10	12.40	0.78	0.76	15.00	0.14	0.14
9.85	0.12	0.11	12.45	0.75	0.73	15.05	0.13	0.13
9.90	0.12	0.11	12.50	0.74	0.73	15.10	0.13	0.13
9.95	0.13	0.11	12.55	0.59	0.58	15.15	0.13	0.13
10.00	0.13	0.11	12.60	0.55	0.54	15.20	0.13	0.13
10.05	0.13	0.12	12.65	0.52	0.51	15.25	0.13	0.13
10.10	0.13	0.12	12.70	0.51	0.50	15.30	0.13	0.13
10.15	0.14	0.12	12.75	0.48	0.47	15.35	0.13	0.12
10.20	0.14	0.13	12.80	0.47	0.46	15.40	0.13	0.12
10.25	0.14	0.13	12.85	0.44	0.43	15.45	0.12	0.12
10.30	0.15	0.13	12.90	0.43	0.42	15.50	0.12	0.12
10.35	0.15	0.14	12.95	0.40	0.39	15.55	0.12	0.12

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
15.60	0.12	0.12	18.20	0.07	0.07	20.80	0.06	0.06
15.65	0.12	0.12	18.25	0.07	0.07	20.85	0.06	0.06
15.70	0.12	0.12	18.30	0.07	0.07	20.90	0.06	0.06
15.75	0.12	0.12	18.35	0.07	0.07	20.95	0.06	0.06
15.80	0.12	0.12	18.40	0.07	0.07	21.00	0.06	0.06
15.85	0.12	0.12	18.45	0.07	0.07	21.05	0.06	0.06
15.90	0.12	0.12	18.50	0.07	0.07	21.10	0.06	0.06
15.95	0.12	0.11	18.55	0.07	0.07	21.15	0.06	0.06
16.00	0.11	0.11	18.60	0.07	0.07	21.20	0.06	0.06
16.05	0.11	0.11	18.65	0.07	0.07	21.25	0.06	0.06
16.10	0.11	0.11	18.70	0.07	0.07	21.30	0.06	0.06
16.15	0.11	0.11	18.75	0.07	0.07	21.35	0.06	0.06
16.20	0.11	0.11	18.80	0.07	0.07	21.40	0.06	0.06
16.25	0.11	0.11	18.85	0.07	0.07	21.45	0.06	0.06
16.30	0.11	0.11	18.90	0.07	0.07	21.50	0.06	0.06
16.35	0.11	0.11	18.95	0.07	0.07	21.55	0.06	0.06
16.40	0.11	0.11	19.00	0.07	0.07	21.60	0.06	0.06
16.45	0.11	0.10	19.05	0.07	0.07	21.65	0.06	0.06
16.50	0.11	0.10	19.10	0.07	0.07	21.70	0.06	0.06
16.55	0.10	0.10	19.15	0.07	0.07	21.75	0.06	0.06
16.60	0.10	0.10	19.20	0.07	0.07	21.80	0.06	0.06
16.65	0.10	0.10	19.25	0.07	0.07	21.85	0.06	0.06
16.70	0.10	0.10	19.30	0.07	0.07	21.90	0.06	0.06
16.75	0.10	0.10	19.35	0.07	0.07	21.95	0.06	0.06
16.80	0.10	0.10	19.40	0.07	0.07	22.00	0.06	0.06
16.85	0.10	0.10	19.45	0.07	0.07	22.05	0.06	0.06
16.90	0.10	0.10	19.50	0.07	0.07	22.10	0.06	0.06
16.95	0.10	0.10	19.55	0.07	0.07	22.15	0.06	0.06
17.00	0.10	0.09	19.60	0.07	0.07	22.20	0.06	0.06
17.05	0.09	0.09	19.65	0.07	0.07	22.25	0.06	0.06
17.10	0.09	0.09	19.70	0.07	0.07	22.30	0.06	0.05
17.15	0.09	0.09	19.75	0.07	0.07	22.35	0.06	0.05
17.20	0.09	0.09	19.80	0.07	0.07	22.40	0.06	0.05
17.25	0.09	0.09	19.85	0.07	0.07	22.45	0.05	0.05
17.30	0.09	0.09	19.90	0.07	0.07	22.50	0.05	0.05
17.35	0.09	0.09	19.95	0.07	0.07	22.55	0.05	0.05
17.40	0.09	0.09	20.00	0.07	0.07	22.60	0.05	0.05
17.45	0.09	0.09	20.05	0.07	0.07	22.65	0.05	0.05
17.50	0.09	0.09	20.10	0.07	0.07	22.70	0.05	0.05
17.55	0.09	0.08	20.15	0.07	0.07	22.75	0.05	0.05
17.60	0.08	0.08	20.20	0.07	0.06	22.80	0.05	0.05
17.65	0.08	0.08	20.25	0.07	0.06	22.85	0.05	0.05
17.70	0.08	0.08	20.30	0.06	0.06	22.90	0.05	0.05
17.75	0.08	0.08	20.35	0.06	0.06	22.95	0.05	0.05
17.80	0.08	0.08	20.40	0.06	0.06	23.00	0.05	0.05
17.85	0.08	0.08	20.45	0.06	0.06	23.05	0.05	0.05
17.90	0.08	0.08	20.50	0.06	0.06	23.10	0.05	0.05
17.95	0.08	0.08	20.55	0.06	0.06	23.15	0.05	0.05
18.00	0.08	0.08	20.60	0.06	0.06	23.20	0.05	0.05
18.05	0.08	0.07	20.65	0.06	0.06	23.25	0.05	0.05
18.10	0.08	0.07	20.70	0.06	0.06	23.30	0.05	0.05
18.15	0.07	0.07	20.75	0.06	0.06	23.35	0.05	0.05

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
23.40	0.05	0.05	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.05	0.05	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.05	0.05	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.05	0.05	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.05	0.05	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.05	0.05	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.05	0.05	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.05	0.05	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.05	0.05	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.05	0.05	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.05	0.05	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.05	0.05	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.05	0.05	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.01	0.01	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

Primary Comparison (continued)

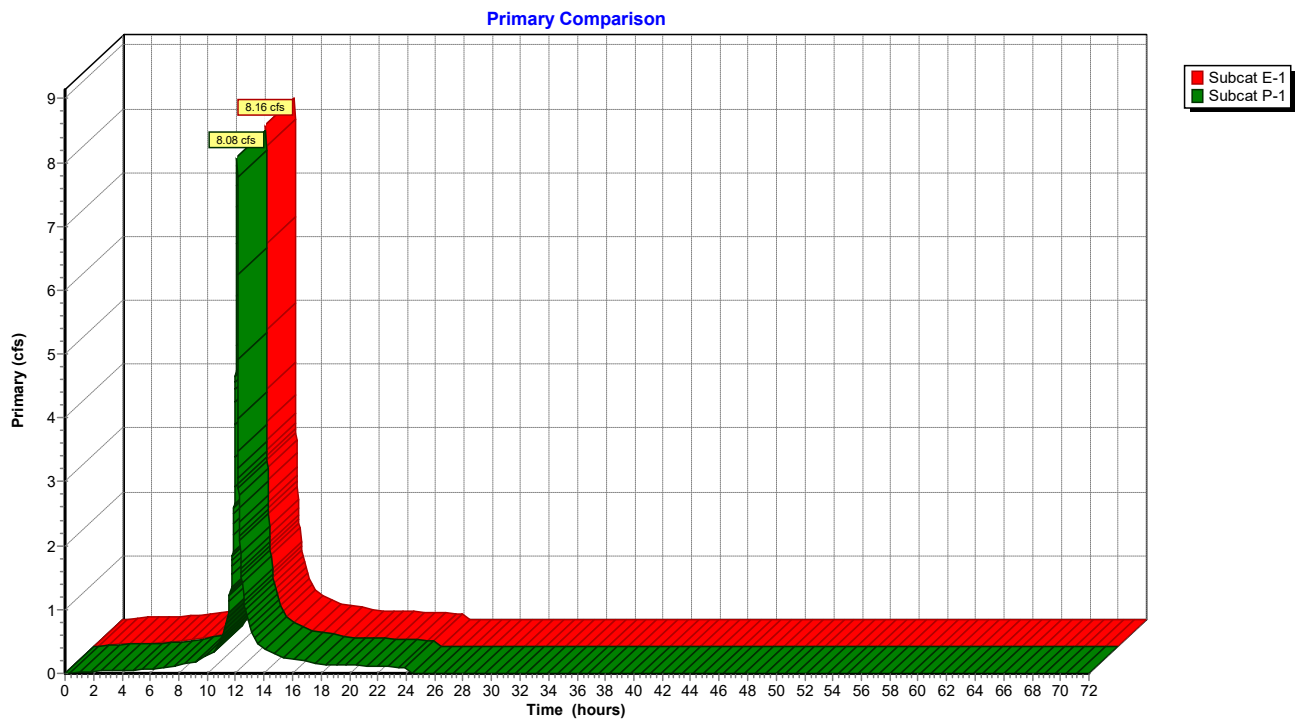
Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00



2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
0.00	0.00	0.00	2.60	0.05	0.04	5.20	0.07	0.06
0.05	0.00	0.00	2.65	0.05	0.04	5.25	0.07	0.06
0.10	0.00	0.00	2.70	0.05	0.04	5.30	0.07	0.06
0.15	0.00	0.00	2.75	0.05	0.04	5.35	0.07	0.06
0.20	0.00	0.00	2.80	0.05	0.04	5.40	0.07	0.06
0.25	0.00	0.00	2.85	0.05	0.04	5.45	0.07	0.06
0.30	0.00	0.00	2.90	0.05	0.04	5.50	0.07	0.06
0.35	0.00	0.00	2.95	0.05	0.04	5.55	0.07	0.06
0.40	0.00	0.00	3.00	0.05	0.04	5.60	0.07	0.06
0.45	0.00	0.00	3.05	0.05	0.04	5.65	0.07	0.06
0.50	0.01	0.01	3.10	0.05	0.04	5.70	0.07	0.06
0.55	0.01	0.01	3.15	0.05	0.04	5.75	0.07	0.06
0.60	0.01	0.01	3.20	0.05	0.04	5.80	0.07	0.06
0.65	0.01	0.01	3.25	0.05	0.04	5.85	0.08	0.06
0.70	0.01	0.01	3.30	0.05	0.04	5.90	0.08	0.06
0.75	0.02	0.01	3.35	0.05	0.04	5.95	0.08	0.07
0.80	0.02	0.01	3.40	0.05	0.04	6.00	0.08	0.07
0.85	0.02	0.02	3.45	0.05	0.04	6.05	0.08	0.07
0.90	0.02	0.02	3.50	0.05	0.04	6.10	0.08	0.07
0.95	0.02	0.02	3.55	0.05	0.04	6.15	0.08	0.07
1.00	0.02	0.02	3.60	0.05	0.04	6.20	0.08	0.07
1.05	0.02	0.02	3.65	0.05	0.04	6.25	0.08	0.07
1.10	0.03	0.02	3.70	0.05	0.04	6.30	0.09	0.07
1.15	0.03	0.02	3.75	0.05	0.04	6.35	0.09	0.08
1.20	0.03	0.02	3.80	0.05	0.04	6.40	0.09	0.08
1.25	0.03	0.02	3.85	0.05	0.04	6.45	0.09	0.08
1.30	0.03	0.02	3.90	0.05	0.04	6.50	0.09	0.08
1.35	0.03	0.02	3.95	0.05	0.04	6.55	0.09	0.08
1.40	0.03	0.03	4.00	0.06	0.04	6.60	0.09	0.08
1.45	0.03	0.03	4.05	0.06	0.04	6.65	0.10	0.08
1.50	0.03	0.03	4.10	0.06	0.04	6.70	0.10	0.09
1.55	0.03	0.03	4.15	0.06	0.05	6.75	0.10	0.09
1.60	0.03	0.03	4.20	0.06	0.05	6.80	0.10	0.09
1.65	0.04	0.03	4.25	0.06	0.05	6.85	0.10	0.09
1.70	0.04	0.03	4.30	0.06	0.05	6.90	0.10	0.09
1.75	0.04	0.03	4.35	0.06	0.05	6.95	0.11	0.09
1.80	0.04	0.03	4.40	0.06	0.05	7.00	0.11	0.10
1.85	0.04	0.03	4.45	0.06	0.05	7.05	0.11	0.10
1.90	0.04	0.03	4.50	0.06	0.05	7.10	0.11	0.10
1.95	0.04	0.03	4.55	0.06	0.05	7.15	0.11	0.10
2.00	0.04	0.03	4.60	0.06	0.05	7.20	0.11	0.10
2.05	0.04	0.03	4.65	0.06	0.05	7.25	0.12	0.10
2.10	0.04	0.03	4.70	0.06	0.05	7.30	0.12	0.10
2.15	0.04	0.03	4.75	0.06	0.05	7.35	0.12	0.11
2.20	0.04	0.03	4.80	0.06	0.05	7.40	0.12	0.11
2.25	0.04	0.03	4.85	0.06	0.05	7.45	0.12	0.11
2.30	0.04	0.03	4.90	0.06	0.05	7.50	0.12	0.11
2.35	0.04	0.03	4.95	0.06	0.05	7.55	0.13	0.11
2.40	0.04	0.03	5.00	0.06	0.05	7.60	0.13	0.11
2.45	0.04	0.04	5.05	0.06	0.05	7.65	0.13	0.12
2.50	0.04	0.04	5.10	0.07	0.05	7.70	0.13	0.12
2.55	0.04	0.04	5.15	0.07	0.05	7.75	0.13	0.12

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
7.80	0.13	0.12	10.40	0.34	0.33	13.00	0.76	0.76
7.85	0.14	0.12	10.45	0.35	0.34	13.05	0.69	0.69
7.90	0.14	0.13	10.50	0.36	0.34	13.10	0.68	0.68
7.95	0.14	0.13	10.55	0.39	0.37	13.15	0.64	0.64
8.00	0.14	0.13	10.60	0.40	0.38	13.20	0.63	0.63
8.05	0.14	0.13	10.65	0.43	0.41	13.25	0.59	0.59
8.10	0.15	0.13	10.70	0.44	0.42	13.30	0.59	0.58
8.15	0.15	0.14	10.75	0.47	0.45	13.35	0.55	0.55
8.20	0.15	0.14	10.80	0.48	0.46	13.40	0.54	0.54
8.25	0.15	0.14	10.85	0.51	0.49	13.45	0.50	0.50
8.30	0.15	0.14	10.90	0.52	0.50	13.50	0.49	0.49
8.35	0.16	0.14	10.95	0.56	0.54	13.55	0.45	0.45
8.40	0.16	0.14	11.00	0.57	0.55	13.60	0.45	0.44
8.45	0.16	0.15	11.05	0.63	0.60	13.65	0.43	0.43
8.50	0.16	0.15	11.10	0.64	0.62	13.70	0.43	0.43
8.55	0.16	0.15	11.15	0.70	0.68	13.75	0.42	0.42
8.60	0.16	0.15	11.20	0.72	0.70	13.80	0.42	0.42
8.65	0.17	0.15	11.25	0.78	0.75	13.85	0.41	0.41
8.70	0.17	0.16	11.30	0.80	0.77	13.90	0.41	0.40
8.75	0.17	0.16	11.35	0.86	0.83	13.95	0.40	0.40
8.80	0.17	0.16	11.40	0.88	0.85	14.00	0.39	0.39
8.85	0.17	0.16	11.45	0.94	0.91	14.05	0.38	0.38
8.90	0.18	0.16	11.50	0.96	0.93	14.10	0.38	0.38
8.95	0.18	0.17	11.55	1.23	1.19	14.15	0.37	0.37
9.00	0.18	0.17	11.60	1.30	1.27	14.20	0.37	0.37
9.05	0.19	0.17	11.65	1.37	1.33	14.25	0.36	0.36
9.10	0.19	0.18	11.70	1.39	1.36	14.30	0.36	0.36
9.15	0.20	0.18	11.75	1.81	1.77	14.35	0.35	0.34
9.20	0.20	0.19	11.80	1.93	1.89	14.40	0.34	0.34
9.25	0.21	0.20	11.85	2.54	2.49	14.45	0.33	0.33
9.30	0.21	0.20	11.90	2.72	2.67	14.50	0.33	0.33
9.35	0.22	0.21	11.95	4.32	4.25	14.55	0.32	0.32
9.40	0.22	0.21	12.00	4.77	4.70	14.60	0.32	0.32
9.45	0.23	0.22	12.05	7.40	7.31	14.65	0.31	0.31
9.50	0.23	0.22	12.10	8.16	8.08	14.70	0.30	0.30
9.55	0.24	0.23	12.15	4.02	3.98	14.75	0.29	0.29
9.60	0.25	0.23	12.20	2.94	2.92	14.80	0.29	0.29
9.65	0.25	0.24	12.25	2.26	2.24	14.85	0.28	0.28
9.70	0.26	0.24	12.30	2.10	2.08	14.90	0.28	0.28
9.75	0.27	0.25	12.35	1.65	1.64	14.95	0.27	0.27
9.80	0.27	0.25	12.40	1.53	1.52	15.00	0.27	0.27
9.85	0.28	0.26	12.45	1.47	1.46	15.05	0.26	0.26
9.90	0.28	0.27	12.50	1.46	1.45	15.10	0.25	0.25
9.95	0.29	0.27	12.55	1.16	1.16	15.15	0.25	0.25
10.00	0.29	0.28	12.60	1.09	1.08	15.20	0.25	0.25
10.05	0.30	0.29	12.65	1.02	1.01	15.25	0.25	0.25
10.10	0.31	0.29	12.70	1.00	1.00	15.30	0.25	0.25
10.15	0.31	0.30	12.75	0.94	0.93	15.35	0.24	0.24
10.20	0.32	0.30	12.80	0.92	0.92	15.40	0.24	0.24
10.25	0.33	0.31	12.85	0.86	0.85	15.45	0.24	0.24
10.30	0.33	0.32	12.90	0.84	0.84	15.50	0.24	0.24
10.35	0.34	0.32	12.95	0.78	0.77	15.55	0.24	0.23

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
15.60	0.23	0.23	18.20	0.14	0.14	20.80	0.12	0.12
15.65	0.23	0.23	18.25	0.14	0.14	20.85	0.12	0.12
15.70	0.23	0.23	18.30	0.14	0.14	20.90	0.12	0.12
15.75	0.23	0.23	18.35	0.14	0.14	20.95	0.12	0.12
15.80	0.23	0.23	18.40	0.14	0.14	21.00	0.12	0.12
15.85	0.22	0.22	18.45	0.14	0.14	21.05	0.12	0.12
15.90	0.22	0.22	18.50	0.14	0.14	21.10	0.12	0.12
15.95	0.22	0.22	18.55	0.14	0.14	21.15	0.12	0.12
16.00	0.22	0.22	18.60	0.14	0.14	21.20	0.12	0.12
16.05	0.22	0.22	18.65	0.14	0.14	21.25	0.12	0.11
16.10	0.22	0.22	18.70	0.14	0.14	21.30	0.11	0.11
16.15	0.21	0.21	18.75	0.14	0.14	21.35	0.11	0.11
16.20	0.21	0.21	18.80	0.14	0.14	21.40	0.11	0.11
16.25	0.21	0.21	18.85	0.14	0.14	21.45	0.11	0.11
16.30	0.21	0.21	18.90	0.14	0.14	21.50	0.11	0.11
16.35	0.21	0.21	18.95	0.14	0.14	21.55	0.11	0.11
16.40	0.21	0.21	19.00	0.14	0.14	21.60	0.11	0.11
16.45	0.20	0.20	19.05	0.14	0.14	21.65	0.11	0.11
16.50	0.20	0.20	19.10	0.14	0.13	21.70	0.11	0.11
16.55	0.20	0.20	19.15	0.13	0.13	21.75	0.11	0.11
16.60	0.20	0.20	19.20	0.13	0.13	21.80	0.11	0.11
16.65	0.20	0.20	19.25	0.13	0.13	21.85	0.11	0.11
16.70	0.20	0.20	19.30	0.13	0.13	21.90	0.11	0.11
16.75	0.19	0.19	19.35	0.13	0.13	21.95	0.11	0.11
16.80	0.19	0.19	19.40	0.13	0.13	22.00	0.11	0.11
16.85	0.19	0.19	19.45	0.13	0.13	22.05	0.11	0.11
16.90	0.19	0.19	19.50	0.13	0.13	22.10	0.11	0.11
16.95	0.19	0.18	19.55	0.13	0.13	22.15	0.11	0.11
17.00	0.18	0.18	19.60	0.13	0.13	22.20	0.11	0.11
17.05	0.18	0.18	19.65	0.13	0.13	22.25	0.11	0.11
17.10	0.18	0.18	19.70	0.13	0.13	22.30	0.11	0.11
17.15	0.18	0.18	19.75	0.13	0.13	22.35	0.11	0.11
17.20	0.18	0.18	19.80	0.13	0.13	22.40	0.11	0.10
17.25	0.17	0.17	19.85	0.13	0.13	22.45	0.10	0.10
17.30	0.17	0.17	19.90	0.13	0.13	22.50	0.10	0.10
17.35	0.17	0.17	19.95	0.13	0.13	22.55	0.10	0.10
17.40	0.17	0.17	20.00	0.13	0.13	22.60	0.10	0.10
17.45	0.17	0.17	20.05	0.13	0.13	22.65	0.10	0.10
17.50	0.17	0.17	20.10	0.13	0.13	22.70	0.10	0.10
17.55	0.16	0.16	20.15	0.13	0.13	22.75	0.10	0.10
17.60	0.16	0.16	20.20	0.13	0.13	22.80	0.10	0.10
17.65	0.16	0.16	20.25	0.12	0.12	22.85	0.10	0.10
17.70	0.16	0.16	20.30	0.12	0.12	22.90	0.10	0.10
17.75	0.16	0.16	20.35	0.12	0.12	22.95	0.10	0.10
17.80	0.16	0.16	20.40	0.12	0.12	23.00	0.10	0.10
17.85	0.15	0.15	20.45	0.12	0.12	23.05	0.10	0.10
17.90	0.15	0.15	20.50	0.12	0.12	23.10	0.10	0.10
17.95	0.15	0.15	20.55	0.12	0.12	23.15	0.10	0.10
18.00	0.15	0.15	20.60	0.12	0.12	23.20	0.10	0.10
18.05	0.14	0.14	20.65	0.12	0.12	23.25	0.10	0.10
18.10	0.14	0.14	20.70	0.12	0.12	23.30	0.10	0.10
18.15	0.14	0.14	20.75	0.12	0.12	23.35	0.10	0.10

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
23.40	0.10	0.10	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.10	0.10	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.10	0.10	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.09	0.09	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.09	0.09	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.09	0.09	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.09	0.09	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.09	0.09	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.09	0.09	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.09	0.09	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.09	0.09	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.09	0.09	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.09	0.09	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.02	0.02	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

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Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)	Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-1 (cfs)	Subcat P-1 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00

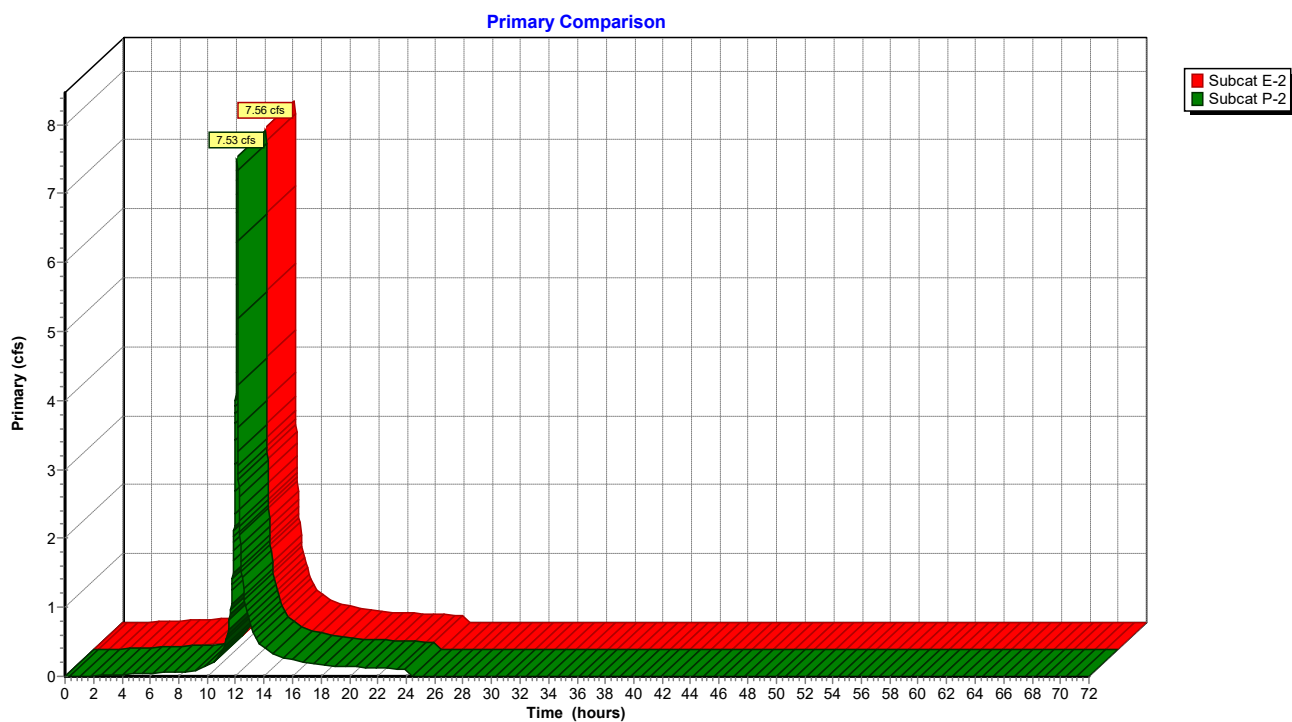
2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

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2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

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Primary Comparison

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
0.00	0.00	0.00	2.60	0.02	0.02	5.20	0.04	0.03
0.05	0.00	0.00	2.65	0.02	0.02	5.25	0.04	0.04
0.10	0.00	0.00	2.70	0.02	0.02	5.30	0.04	0.04
0.15	0.00	0.00	2.75	0.02	0.02	5.35	0.04	0.04
0.20	0.00	0.00	2.80	0.02	0.02	5.40	0.04	0.04
0.25	0.00	0.00	2.85	0.02	0.02	5.45	0.04	0.04
0.30	0.00	0.00	2.90	0.02	0.02	5.50	0.04	0.04
0.35	0.00	0.00	2.95	0.02	0.02	5.55	0.04	0.04
0.40	0.00	0.00	3.00	0.02	0.02	5.60	0.04	0.04
0.45	0.00	0.00	3.05	0.02	0.02	5.65	0.04	0.04
0.50	0.00	0.00	3.10	0.02	0.02	5.70	0.04	0.04
0.55	0.00	0.00	3.15	0.02	0.02	5.75	0.04	0.04
0.60	0.00	0.00	3.20	0.02	0.02	5.80	0.04	0.04
0.65	0.00	0.00	3.25	0.02	0.02	5.85	0.04	0.04
0.70	0.00	0.00	3.30	0.02	0.02	5.90	0.04	0.04
0.75	0.00	0.00	3.35	0.02	0.02	5.95	0.04	0.04
0.80	0.00	0.00	3.40	0.02	0.02	6.00	0.04	0.04
0.85	0.00	0.00	3.45	0.02	0.02	6.05	0.04	0.04
0.90	0.00	0.00	3.50	0.02	0.02	6.10	0.04	0.04
0.95	0.00	0.00	3.55	0.03	0.02	6.15	0.04	0.04
1.00	0.00	0.00	3.60	0.03	0.02	6.20	0.04	0.04
1.05	0.00	0.00	3.65	0.03	0.03	6.25	0.04	0.04
1.10	0.00	0.00	3.70	0.03	0.03	6.30	0.04	0.04
1.15	0.00	0.00	3.75	0.03	0.03	6.35	0.04	0.04
1.20	0.00	0.00	3.80	0.03	0.03	6.40	0.05	0.04
1.25	0.00	0.00	3.85	0.03	0.03	6.45	0.05	0.05
1.30	0.00	0.00	3.90	0.03	0.03	6.50	0.05	0.05
1.35	0.00	0.00	3.95	0.03	0.03	6.55	0.05	0.05
1.40	0.00	0.00	4.00	0.03	0.03	6.60	0.05	0.05
1.45	0.01	0.00	4.05	0.03	0.03	6.65	0.05	0.05
1.50	0.01	0.01	4.10	0.03	0.03	6.70	0.05	0.05
1.55	0.01	0.01	4.15	0.03	0.03	6.75	0.05	0.05
1.60	0.01	0.01	4.20	0.03	0.03	6.80	0.05	0.05
1.65	0.01	0.01	4.25	0.03	0.03	6.85	0.05	0.05
1.70	0.01	0.01	4.30	0.03	0.03	6.90	0.05	0.05
1.75	0.01	0.01	4.35	0.03	0.03	6.95	0.05	0.05
1.80	0.01	0.01	4.40	0.03	0.03	7.00	0.05	0.05
1.85	0.01	0.01	4.45	0.03	0.03	7.05	0.05	0.05
1.90	0.01	0.01	4.50	0.03	0.03	7.10	0.05	0.05
1.95	0.01	0.01	4.55	0.03	0.03	7.15	0.06	0.05
2.00	0.01	0.01	4.60	0.03	0.03	7.20	0.06	0.06
2.05	0.01	0.01	4.65	0.03	0.03	7.25	0.06	0.06
2.10	0.01	0.01	4.70	0.03	0.03	7.30	0.06	0.06
2.15	0.01	0.01	4.75	0.03	0.03	7.35	0.06	0.06
2.20	0.01	0.01	4.80	0.03	0.03	7.40	0.06	0.06
2.25	0.01	0.01	4.85	0.03	0.03	7.45	0.06	0.06
2.30	0.01	0.01	4.90	0.03	0.03	7.50	0.06	0.06
2.35	0.01	0.01	4.95	0.03	0.03	7.55	0.06	0.06
2.40	0.02	0.02	5.00	0.03	0.03	7.60	0.06	0.06
2.45	0.02	0.02	5.05	0.03	0.03	7.65	0.06	0.06
2.50	0.02	0.02	5.10	0.04	0.03	7.70	0.06	0.06
2.55	0.02	0.02	5.15	0.04	0.03	7.75	0.06	0.06

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
7.80	0.06	0.06	10.40	0.19	0.19	13.00	0.79	0.78
7.85	0.07	0.06	10.45	0.19	0.19	13.05	0.73	0.72
7.90	0.07	0.06	10.50	0.20	0.20	13.10	0.70	0.70
7.95	0.07	0.07	10.55	0.22	0.21	13.15	0.67	0.67
8.00	0.07	0.07	10.60	0.23	0.22	13.20	0.66	0.65
8.05	0.07	0.07	10.65	0.24	0.24	13.25	0.62	0.62
8.10	0.07	0.07	10.70	0.25	0.25	13.30	0.61	0.61
8.15	0.07	0.07	10.75	0.27	0.27	13.35	0.58	0.57
8.20	0.07	0.07	10.80	0.29	0.28	13.40	0.56	0.56
8.25	0.07	0.07	10.85	0.31	0.30	13.45	0.53	0.53
8.30	0.07	0.07	10.90	0.32	0.31	13.50	0.52	0.51
8.35	0.07	0.07	10.95	0.34	0.34	13.55	0.48	0.48
8.40	0.07	0.07	11.00	0.35	0.35	13.60	0.47	0.47
8.45	0.07	0.07	11.05	0.39	0.39	13.65	0.46	0.46
8.50	0.07	0.07	11.10	0.41	0.40	13.70	0.45	0.45
8.55	0.07	0.07	11.15	0.45	0.44	13.75	0.45	0.44
8.60	0.08	0.07	11.20	0.47	0.46	13.80	0.44	0.44
8.65	0.08	0.07	11.25	0.51	0.51	13.85	0.43	0.43
8.70	0.08	0.08	11.30	0.53	0.53	13.90	0.43	0.43
8.75	0.08	0.08	11.35	0.58	0.57	13.95	0.42	0.42
8.80	0.08	0.08	11.40	0.60	0.60	14.00	0.42	0.42
8.85	0.08	0.08	11.45	0.65	0.64	14.05	0.41	0.41
8.90	0.08	0.08	11.50	0.67	0.67	14.10	0.40	0.40
8.95	0.08	0.08	11.55	0.86	0.85	14.15	0.39	0.39
9.00	0.08	0.08	11.60	0.94	0.94	14.20	0.39	0.39
9.05	0.08	0.08	11.65	1.00	1.00	14.25	0.38	0.38
9.10	0.09	0.08	11.70	1.04	1.03	14.30	0.38	0.38
9.15	0.09	0.09	11.75	1.34	1.33	14.35	0.37	0.37
9.20	0.09	0.09	11.80	1.49	1.48	14.40	0.36	0.36
9.25	0.09	0.09	11.85	1.96	1.95	14.45	0.36	0.35
9.30	0.09	0.09	11.90	2.19	2.18	14.50	0.35	0.35
9.35	0.10	0.10	11.95	3.44	3.43	14.55	0.34	0.34
9.40	0.10	0.10	12.00	4.07	4.05	14.60	0.34	0.34
9.45	0.10	0.10	12.05	6.32	6.30	14.65	0.33	0.33
9.50	0.10	0.10	12.10	7.49	7.46	14.70	0.33	0.32
9.55	0.11	0.11	12.15	4.23	4.22	14.75	0.32	0.32
9.60	0.11	0.11	12.20	2.88	2.87	14.80	0.31	0.31
9.65	0.12	0.12	12.25	2.26	2.26	14.85	0.30	0.30
9.70	0.12	0.12	12.30	2.07	2.06	14.90	0.30	0.30
9.75	0.13	0.12	12.35	1.67	1.67	14.95	0.29	0.29
9.80	0.13	0.13	12.40	1.53	1.52	15.00	0.29	0.28
9.85	0.13	0.13	12.45	1.47	1.47	15.05	0.28	0.27
9.90	0.14	0.14	12.50	1.46	1.46	15.10	0.27	0.27
9.95	0.14	0.14	12.55	1.20	1.20	15.15	0.27	0.27
10.00	0.15	0.15	12.60	1.10	1.10	15.20	0.27	0.27
10.05	0.15	0.15	12.65	1.04	1.04	15.25	0.27	0.26
10.10	0.16	0.15	12.70	1.02	1.02	15.30	0.26	0.26
10.15	0.16	0.16	12.75	0.96	0.96	15.35	0.26	0.26
10.20	0.17	0.16	12.80	0.94	0.94	15.40	0.26	0.26
10.25	0.17	0.17	12.85	0.89	0.88	15.45	0.26	0.26
10.30	0.18	0.17	12.90	0.87	0.86	15.50	0.26	0.26
10.35	0.18	0.18	12.95	0.81	0.80	15.55	0.25	0.25

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
15.60	0.25	0.25	18.20	0.16	0.16	20.80	0.13	0.13
15.65	0.25	0.25	18.25	0.16	0.16	20.85	0.13	0.13
15.70	0.25	0.25	18.30	0.16	0.16	20.90	0.13	0.13
15.75	0.25	0.25	18.35	0.16	0.16	20.95	0.13	0.13
15.80	0.25	0.24	18.40	0.16	0.16	21.00	0.13	0.13
15.85	0.24	0.24	18.45	0.15	0.15	21.05	0.13	0.13
15.90	0.24	0.24	18.50	0.15	0.15	21.10	0.13	0.13
15.95	0.24	0.24	18.55	0.15	0.15	21.15	0.13	0.13
16.00	0.24	0.24	18.60	0.15	0.15	21.20	0.13	0.13
16.05	0.24	0.24	18.65	0.15	0.15	21.25	0.13	0.13
16.10	0.24	0.24	18.70	0.15	0.15	21.30	0.13	0.13
16.15	0.23	0.23	18.75	0.15	0.15	21.35	0.13	0.13
16.20	0.23	0.23	18.80	0.15	0.15	21.40	0.13	0.13
16.25	0.23	0.23	18.85	0.15	0.15	21.45	0.13	0.13
16.30	0.23	0.23	18.90	0.15	0.15	21.50	0.13	0.13
16.35	0.22	0.22	18.95	0.15	0.15	21.55	0.13	0.13
16.40	0.22	0.22	19.00	0.15	0.15	21.60	0.13	0.12
16.45	0.22	0.22	19.05	0.15	0.15	21.65	0.12	0.12
16.50	0.22	0.22	19.10	0.15	0.15	21.70	0.12	0.12
16.55	0.22	0.22	19.15	0.15	0.15	21.75	0.12	0.12
16.60	0.22	0.22	19.20	0.15	0.15	21.80	0.12	0.12
16.65	0.21	0.21	19.25	0.15	0.15	21.85	0.12	0.12
16.70	0.21	0.21	19.30	0.15	0.15	21.90	0.12	0.12
16.75	0.21	0.21	19.35	0.15	0.15	21.95	0.12	0.12
16.80	0.21	0.21	19.40	0.15	0.15	22.00	0.12	0.12
16.85	0.21	0.21	19.45	0.15	0.15	22.05	0.12	0.12
16.90	0.21	0.20	19.50	0.15	0.15	22.10	0.12	0.12
16.95	0.20	0.20	19.55	0.14	0.14	22.15	0.12	0.12
17.00	0.20	0.20	19.60	0.14	0.14	22.20	0.12	0.12
17.05	0.20	0.20	19.65	0.14	0.14	22.25	0.12	0.12
17.10	0.20	0.20	19.70	0.14	0.14	22.30	0.12	0.12
17.15	0.19	0.19	19.75	0.14	0.14	22.35	0.12	0.12
17.20	0.19	0.19	19.80	0.14	0.14	22.40	0.12	0.12
17.25	0.19	0.19	19.85	0.14	0.14	22.45	0.12	0.12
17.30	0.19	0.19	19.90	0.14	0.14	22.50	0.12	0.12
17.35	0.19	0.19	19.95	0.14	0.14	22.55	0.12	0.12
17.40	0.19	0.18	20.00	0.14	0.14	22.60	0.12	0.12
17.45	0.18	0.18	20.05	0.14	0.14	22.65	0.11	0.11
17.50	0.18	0.18	20.10	0.14	0.14	22.70	0.11	0.11
17.55	0.18	0.18	20.15	0.14	0.14	22.75	0.11	0.11
17.60	0.18	0.18	20.20	0.14	0.14	22.80	0.11	0.11
17.65	0.17	0.17	20.25	0.14	0.14	22.85	0.11	0.11
17.70	0.17	0.17	20.30	0.14	0.14	22.90	0.11	0.11
17.75	0.17	0.17	20.35	0.14	0.14	22.95	0.11	0.11
17.80	0.17	0.17	20.40	0.14	0.14	23.00	0.11	0.11
17.85	0.17	0.17	20.45	0.14	0.14	23.05	0.11	0.11
17.90	0.17	0.17	20.50	0.14	0.14	23.10	0.11	0.11
17.95	0.16	0.16	20.55	0.14	0.14	23.15	0.11	0.11
18.00	0.16	0.16	20.60	0.14	0.14	23.20	0.11	0.11
18.05	0.16	0.16	20.65	0.13	0.13	23.25	0.11	0.11
18.10	0.16	0.16	20.70	0.13	0.13	23.30	0.11	0.11
18.15	0.16	0.16	20.75	0.13	0.13	23.35	0.11	0.11

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
23.40	0.11	0.11	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.11	0.11	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.11	0.11	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.11	0.11	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.11	0.11	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.10	0.10	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.10	0.10	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.10	0.10	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.10	0.10	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.10	0.10	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.10	0.10	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.10	0.10	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.10	0.10	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.03	0.03	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2020 Rainfall=3.47", P2=3.47"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

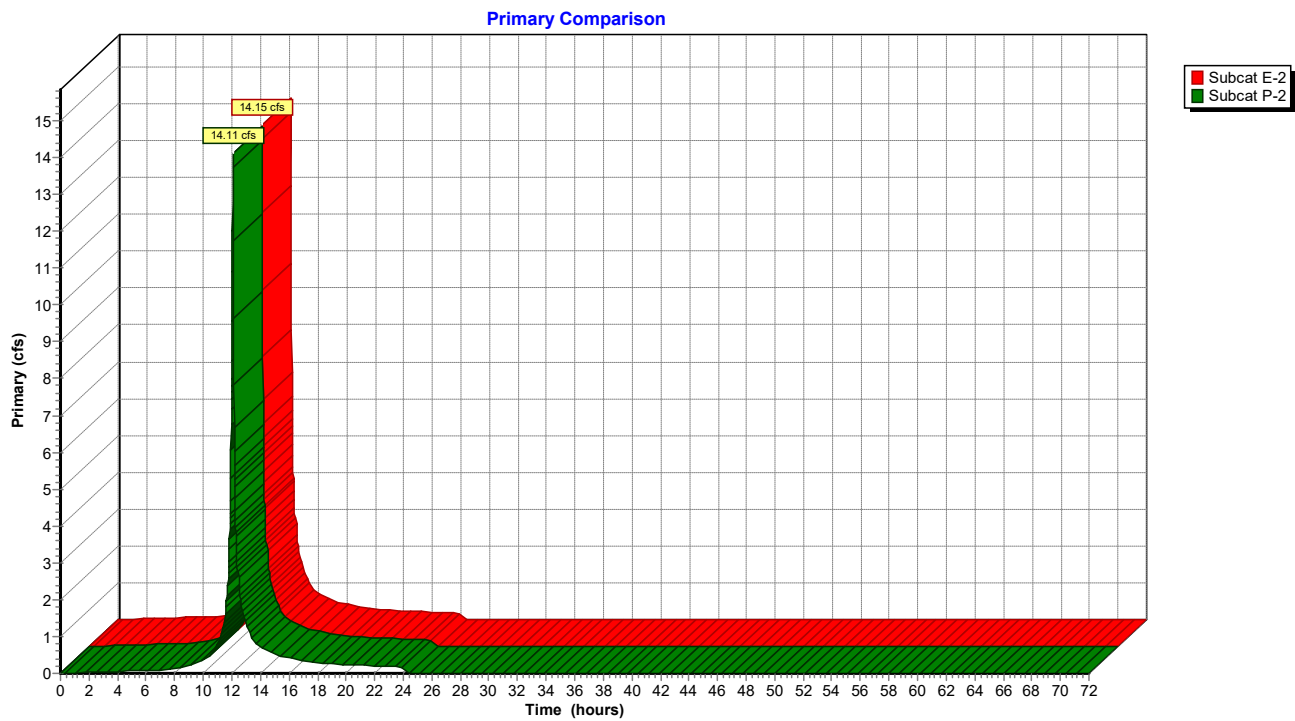
HydroCAD® 10.20-5c s/n 10626 © 2023 HydroCAD Software Solutions LLC

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00



Primary Comparison

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
0.00	0.00	0.00	2.60	0.04	0.04	5.20	0.06	0.06
0.05	0.00	0.00	2.65	0.04	0.04	5.25	0.06	0.06
0.10	0.00	0.00	2.70	0.04	0.04	5.30	0.06	0.06
0.15	0.00	0.00	2.75	0.04	0.04	5.35	0.06	0.06
0.20	0.00	0.00	2.80	0.04	0.04	5.40	0.06	0.06
0.25	0.00	0.00	2.85	0.04	0.04	5.45	0.07	0.06
0.30	0.00	0.00	2.90	0.04	0.04	5.50	0.07	0.06
0.35	0.00	0.00	2.95	0.04	0.04	5.55	0.07	0.06
0.40	0.00	0.00	3.00	0.04	0.04	5.60	0.07	0.06
0.45	0.00	0.00	3.05	0.04	0.04	5.65	0.07	0.07
0.50	0.00	0.00	3.10	0.04	0.04	5.70	0.07	0.07
0.55	0.00	0.00	3.15	0.04	0.04	5.75	0.07	0.07
0.60	0.00	0.00	3.20	0.05	0.04	5.80	0.07	0.07
0.65	0.00	0.00	3.25	0.05	0.04	5.85	0.07	0.07
0.70	0.00	0.00	3.30	0.05	0.05	5.90	0.07	0.07
0.75	0.00	0.00	3.35	0.05	0.05	5.95	0.07	0.07
0.80	0.00	0.00	3.40	0.05	0.05	6.00	0.07	0.07
0.85	0.00	0.00	3.45	0.05	0.05	6.05	0.07	0.07
0.90	0.01	0.01	3.50	0.05	0.05	6.10	0.07	0.07
0.95	0.01	0.01	3.55	0.05	0.05	6.15	0.07	0.07
1.00	0.01	0.01	3.60	0.05	0.05	6.20	0.07	0.07
1.05	0.01	0.01	3.65	0.05	0.05	6.25	0.07	0.07
1.10	0.01	0.01	3.70	0.05	0.05	6.30	0.08	0.07
1.15	0.01	0.01	3.75	0.05	0.05	6.35	0.08	0.08
1.20	0.01	0.01	3.80	0.05	0.05	6.40	0.08	0.08
1.25	0.01	0.01	3.85	0.05	0.05	6.45	0.08	0.08
1.30	0.02	0.02	3.90	0.05	0.05	6.50	0.08	0.08
1.35	0.02	0.02	3.95	0.05	0.05	6.55	0.08	0.08
1.40	0.02	0.02	4.00	0.05	0.05	6.60	0.08	0.08
1.45	0.02	0.02	4.05	0.05	0.05	6.65	0.08	0.08
1.50	0.02	0.02	4.10	0.05	0.05	6.70	0.08	0.08
1.55	0.02	0.02	4.15	0.05	0.05	6.75	0.08	0.08
1.60	0.02	0.02	4.20	0.05	0.05	6.80	0.09	0.08
1.65	0.02	0.02	4.25	0.06	0.05	6.85	0.09	0.09
1.70	0.02	0.02	4.30	0.06	0.05	6.90	0.09	0.09
1.75	0.02	0.02	4.35	0.06	0.06	6.95	0.09	0.09
1.80	0.03	0.03	4.40	0.06	0.06	7.00	0.09	0.09
1.85	0.03	0.03	4.45	0.06	0.06	7.05	0.09	0.09
1.90	0.03	0.03	4.50	0.06	0.06	7.10	0.09	0.09
1.95	0.03	0.03	4.55	0.06	0.06	7.15	0.09	0.09
2.00	0.03	0.03	4.60	0.06	0.06	7.20	0.09	0.09
2.05	0.03	0.03	4.65	0.06	0.06	7.25	0.10	0.09
2.10	0.03	0.03	4.70	0.06	0.06	7.30	0.10	0.09
2.15	0.03	0.03	4.75	0.06	0.06	7.35	0.10	0.10
2.20	0.03	0.03	4.80	0.06	0.06	7.40	0.10	0.10
2.25	0.03	0.03	4.85	0.06	0.06	7.45	0.10	0.10
2.30	0.03	0.03	4.90	0.06	0.06	7.50	0.11	0.10
2.35	0.03	0.03	4.95	0.06	0.06	7.55	0.11	0.11
2.40	0.04	0.03	5.00	0.06	0.06	7.60	0.11	0.11
2.45	0.04	0.04	5.05	0.06	0.06	7.65	0.11	0.11
2.50	0.04	0.04	5.10	0.06	0.06	7.70	0.12	0.11
2.55	0.04	0.04	5.15	0.06	0.06	7.75	0.12	0.12

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
7.80	0.12	0.12	10.40	0.44	0.43	13.00	1.40	1.40
7.85	0.12	0.12	10.45	0.45	0.45	13.05	1.29	1.29
7.90	0.13	0.12	10.50	0.46	0.46	13.10	1.25	1.25
7.95	0.13	0.13	10.55	0.50	0.50	13.15	1.19	1.19
8.00	0.13	0.13	10.60	0.52	0.51	13.20	1.17	1.17
8.05	0.14	0.13	10.65	0.56	0.56	13.25	1.11	1.10
8.10	0.14	0.14	10.70	0.58	0.58	13.30	1.08	1.08
8.15	0.14	0.14	10.75	0.62	0.62	13.35	1.02	1.02
8.20	0.14	0.14	10.80	0.64	0.64	13.40	1.00	1.00
8.25	0.15	0.14	10.85	0.69	0.68	13.45	0.94	0.93
8.30	0.15	0.15	10.90	0.71	0.71	13.50	0.91	0.91
8.35	0.15	0.15	10.95	0.76	0.75	13.55	0.85	0.85
8.40	0.16	0.15	11.00	0.78	0.78	13.60	0.83	0.83
8.45	0.16	0.16	11.05	0.86	0.85	13.65	0.81	0.81
8.50	0.16	0.16	11.10	0.90	0.89	13.70	0.80	0.80
8.55	0.16	0.16	11.15	0.98	0.97	13.75	0.79	0.79
8.60	0.17	0.17	11.20	1.02	1.01	13.80	0.78	0.78
8.65	0.17	0.17	11.25	1.10	1.10	13.85	0.76	0.76
8.70	0.17	0.17	11.30	1.14	1.14	13.90	0.76	0.76
8.75	0.18	0.18	11.35	1.23	1.23	13.95	0.74	0.74
8.80	0.18	0.18	11.40	1.28	1.27	14.00	0.74	0.73
8.85	0.18	0.18	11.45	1.37	1.36	14.05	0.72	0.72
8.90	0.19	0.18	11.50	1.42	1.41	14.10	0.71	0.71
8.95	0.19	0.19	11.55	1.79	1.78	14.15	0.69	0.69
9.00	0.19	0.19	11.60	1.96	1.95	14.20	0.69	0.69
9.05	0.20	0.20	11.65	2.07	2.06	14.25	0.67	0.67
9.10	0.21	0.20	11.70	2.13	2.12	14.30	0.67	0.66
9.15	0.22	0.21	11.75	2.73	2.72	14.35	0.65	0.65
9.20	0.22	0.22	11.80	3.01	3.00	14.40	0.64	0.64
9.25	0.23	0.23	11.85	3.92	3.91	14.45	0.62	0.62
9.30	0.24	0.23	11.90	4.34	4.33	14.50	0.62	0.62
9.35	0.25	0.24	11.95	6.76	6.74	14.55	0.60	0.60
9.40	0.25	0.25	12.00	7.88	7.85	14.60	0.59	0.59
9.45	0.26	0.26	12.05	12.06	12.03	14.65	0.58	0.58
9.50	0.27	0.27	12.10	14.05	14.02	14.70	0.57	0.57
9.55	0.28	0.28	12.15	7.85	7.83	14.75	0.55	0.55
9.60	0.28	0.28	12.20	5.31	5.29	14.80	0.55	0.55
9.65	0.30	0.29	12.25	4.15	4.14	14.85	0.53	0.53
9.70	0.30	0.30	12.30	3.77	3.76	14.90	0.52	0.52
9.75	0.31	0.31	12.35	3.05	3.04	14.95	0.51	0.51
9.80	0.32	0.32	12.40	2.78	2.77	15.00	0.50	0.50
9.85	0.33	0.33	12.45	2.67	2.66	15.05	0.48	0.48
9.90	0.34	0.34	12.50	2.64	2.64	15.10	0.48	0.48
9.95	0.35	0.35	12.55	2.17	2.16	15.15	0.47	0.47
10.00	0.36	0.35	12.60	1.98	1.98	15.20	0.47	0.47
10.05	0.37	0.37	12.65	1.87	1.87	15.25	0.46	0.46
10.10	0.38	0.37	12.70	1.83	1.83	15.30	0.46	0.46
10.15	0.39	0.39	12.75	1.73	1.73	15.35	0.46	0.46
10.20	0.40	0.39	12.80	1.69	1.69	15.40	0.46	0.46
10.25	0.41	0.41	12.85	1.59	1.58	15.45	0.45	0.45
10.30	0.42	0.41	12.90	1.55	1.54	15.50	0.45	0.45
10.35	0.43	0.43	12.95	1.44	1.44	15.55	0.44	0.44

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
15.60	0.44	0.44	18.20	0.27	0.27	20.80	0.23	0.23
15.65	0.44	0.44	18.25	0.27	0.27	20.85	0.23	0.23
15.70	0.44	0.44	18.30	0.27	0.27	20.90	0.23	0.23
15.75	0.43	0.43	18.35	0.27	0.27	20.95	0.23	0.23
15.80	0.43	0.43	18.40	0.27	0.27	21.00	0.23	0.23
15.85	0.42	0.42	18.45	0.27	0.27	21.05	0.22	0.22
15.90	0.42	0.42	18.50	0.27	0.27	21.10	0.22	0.22
15.95	0.42	0.42	18.55	0.27	0.27	21.15	0.22	0.22
16.00	0.42	0.42	18.60	0.27	0.27	21.20	0.22	0.22
16.05	0.41	0.41	18.65	0.26	0.26	21.25	0.22	0.22
16.10	0.41	0.41	18.70	0.26	0.26	21.30	0.22	0.22
16.15	0.40	0.40	18.75	0.26	0.26	21.35	0.22	0.22
16.20	0.40	0.40	18.80	0.26	0.26	21.40	0.22	0.22
16.25	0.40	0.40	18.85	0.26	0.26	21.45	0.22	0.22
16.30	0.40	0.40	18.90	0.26	0.26	21.50	0.22	0.22
16.35	0.39	0.39	18.95	0.26	0.26	21.55	0.22	0.22
16.40	0.39	0.39	19.00	0.26	0.26	21.60	0.22	0.21
16.45	0.38	0.38	19.05	0.26	0.26	21.65	0.21	0.21
16.50	0.38	0.38	19.10	0.26	0.26	21.70	0.21	0.21
16.55	0.38	0.38	19.15	0.26	0.26	21.75	0.21	0.21
16.60	0.38	0.38	19.20	0.26	0.26	21.80	0.21	0.21
16.65	0.37	0.37	19.25	0.25	0.25	21.85	0.21	0.21
16.70	0.37	0.37	19.30	0.25	0.25	21.90	0.21	0.21
16.75	0.36	0.36	19.35	0.25	0.25	21.95	0.21	0.21
16.80	0.36	0.36	19.40	0.25	0.25	22.00	0.21	0.21
16.85	0.36	0.36	19.45	0.25	0.25	22.05	0.21	0.21
16.90	0.36	0.36	19.50	0.25	0.25	22.10	0.21	0.21
16.95	0.35	0.35	19.55	0.25	0.25	22.15	0.21	0.21
17.00	0.35	0.35	19.60	0.25	0.25	22.20	0.21	0.21
17.05	0.34	0.34	19.65	0.25	0.25	22.25	0.20	0.20
17.10	0.34	0.34	19.70	0.25	0.25	22.30	0.20	0.20
17.15	0.34	0.34	19.75	0.25	0.25	22.35	0.20	0.20
17.20	0.34	0.33	19.80	0.25	0.25	22.40	0.20	0.20
17.25	0.33	0.33	19.85	0.24	0.24	22.45	0.20	0.20
17.30	0.33	0.33	19.90	0.24	0.24	22.50	0.20	0.20
17.35	0.32	0.32	19.95	0.24	0.24	22.55	0.20	0.20
17.40	0.32	0.32	20.00	0.24	0.24	22.60	0.20	0.20
17.45	0.32	0.32	20.05	0.24	0.24	22.65	0.20	0.20
17.50	0.32	0.31	20.10	0.24	0.24	22.70	0.20	0.20
17.55	0.31	0.31	20.15	0.24	0.24	22.75	0.20	0.20
17.60	0.31	0.31	20.20	0.24	0.24	22.80	0.20	0.19
17.65	0.30	0.30	20.25	0.24	0.24	22.85	0.19	0.19
17.70	0.30	0.30	20.30	0.24	0.24	22.90	0.19	0.19
17.75	0.30	0.30	20.35	0.24	0.24	22.95	0.19	0.19
17.80	0.30	0.30	20.40	0.24	0.24	23.00	0.19	0.19
17.85	0.29	0.29	20.45	0.23	0.23	23.05	0.19	0.19
17.90	0.29	0.29	20.50	0.23	0.23	23.10	0.19	0.19
17.95	0.28	0.28	20.55	0.23	0.23	23.15	0.19	0.19
18.00	0.28	0.28	20.60	0.23	0.23	23.20	0.19	0.19
18.05	0.28	0.28	20.65	0.23	0.23	23.25	0.19	0.19
18.10	0.27	0.27	20.70	0.23	0.23	23.30	0.19	0.19
18.15	0.27	0.27	20.75	0.23	0.23	23.35	0.18	0.18

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
23.40	0.18	0.18	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.18	0.18	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.18	0.18	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.18	0.18	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.18	0.18	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.18	0.18	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.18	0.18	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.18	0.18	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.18	0.18	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.18	0.18	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.18	0.18	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.18	0.18	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.17	0.17	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.05	0.05	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

Primary Comparison (continued)

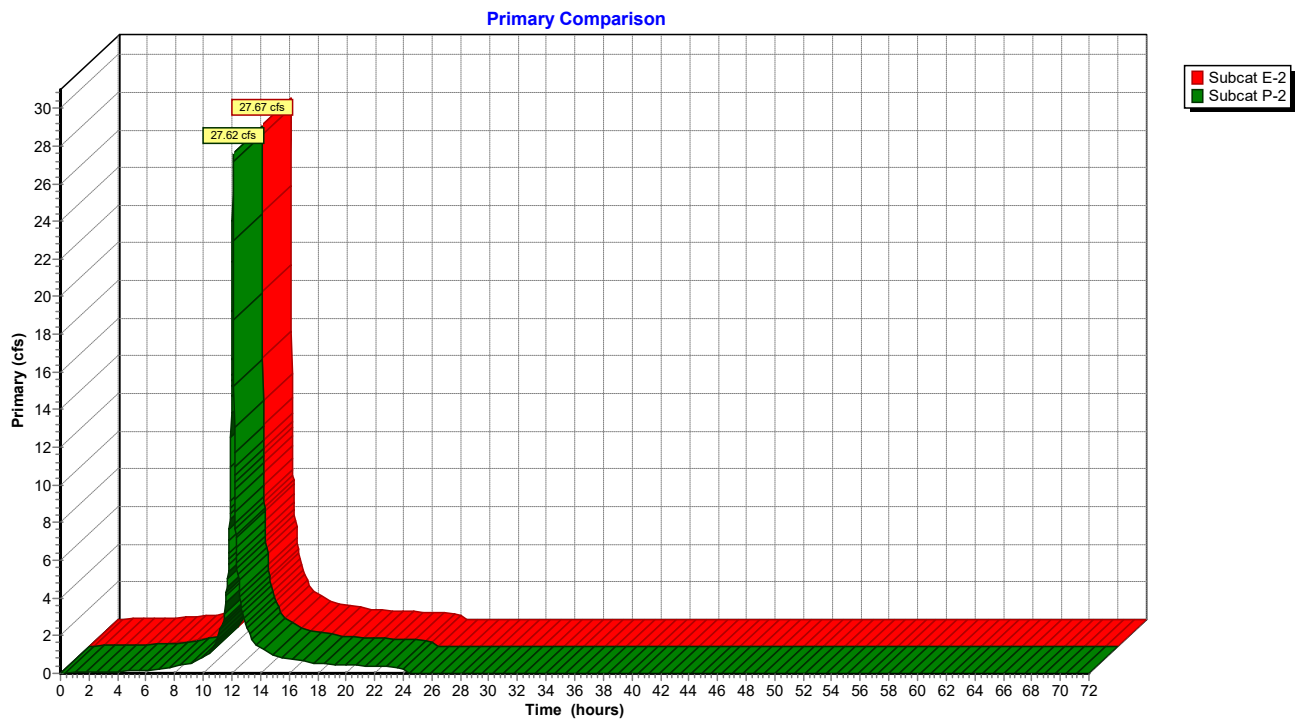
Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00



2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2020 Rainfall=9.18", P2=3.47"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
0.00	0.00	0.00	2.60	0.08	0.08	5.20	0.13	0.13
0.05	0.00	0.00	2.65	0.08	0.08	5.25	0.13	0.13
0.10	0.00	0.00	2.70	0.08	0.08	5.30	0.14	0.13
0.15	0.00	0.00	2.75	0.09	0.08	5.35	0.14	0.14
0.20	0.00	0.00	2.80	0.09	0.08	5.40	0.14	0.14
0.25	0.00	0.00	2.85	0.09	0.09	5.45	0.14	0.14
0.30	0.00	0.00	2.90	0.09	0.09	5.50	0.15	0.14
0.35	0.00	0.00	2.95	0.09	0.09	5.55	0.15	0.15
0.40	0.00	0.00	3.00	0.09	0.09	5.60	0.15	0.15
0.45	0.00	0.00	3.05	0.09	0.09	5.65	0.15	0.15
0.50	0.00	0.00	3.10	0.09	0.09	5.70	0.16	0.15
0.55	0.01	0.01	3.15	0.09	0.09	5.75	0.16	0.16
0.60	0.01	0.01	3.20	0.09	0.09	5.80	0.16	0.16
0.65	0.02	0.02	3.25	0.09	0.09	5.85	0.16	0.16
0.70	0.02	0.02	3.30	0.09	0.09	5.90	0.17	0.16
0.75	0.02	0.02	3.35	0.09	0.09	5.95	0.17	0.17
0.80	0.03	0.02	3.40	0.10	0.09	6.00	0.17	0.17
0.85	0.03	0.03	3.45	0.10	0.09	6.05	0.18	0.17
0.90	0.03	0.03	3.50	0.10	0.10	6.10	0.18	0.18
0.95	0.03	0.03	3.55	0.10	0.10	6.15	0.18	0.18
1.00	0.04	0.04	3.60	0.10	0.10	6.20	0.19	0.18
1.05	0.04	0.04	3.65	0.10	0.10	6.25	0.19	0.19
1.10	0.04	0.04	3.70	0.10	0.10	6.30	0.20	0.19
1.15	0.04	0.04	3.75	0.10	0.10	6.35	0.20	0.20
1.20	0.05	0.04	3.80	0.10	0.10	6.40	0.20	0.20
1.25	0.05	0.05	3.85	0.10	0.10	6.45	0.21	0.21
1.30	0.05	0.05	3.90	0.10	0.10	6.50	0.21	0.21
1.35	0.05	0.05	3.95	0.10	0.10	6.55	0.22	0.22
1.40	0.05	0.05	4.00	0.10	0.10	6.60	0.22	0.22
1.45	0.05	0.05	4.05	0.10	0.10	6.65	0.23	0.23
1.50	0.06	0.05	4.10	0.10	0.10	6.70	0.23	0.23
1.55	0.06	0.06	4.15	0.11	0.10	6.75	0.24	0.24
1.60	0.06	0.06	4.20	0.11	0.10	6.80	0.24	0.24
1.65	0.06	0.06	4.25	0.11	0.10	6.85	0.25	0.25
1.70	0.06	0.06	4.30	0.11	0.11	6.90	0.25	0.25
1.75	0.06	0.06	4.35	0.11	0.11	6.95	0.26	0.26
1.80	0.06	0.06	4.40	0.11	0.11	7.00	0.26	0.26
1.85	0.07	0.07	4.45	0.11	0.11	7.05	0.27	0.27
1.90	0.07	0.07	4.50	0.11	0.11	7.10	0.27	0.27
1.95	0.07	0.07	4.55	0.11	0.11	7.15	0.28	0.28
2.00	0.07	0.07	4.60	0.11	0.11	7.20	0.29	0.28
2.05	0.07	0.07	4.65	0.11	0.11	7.25	0.29	0.29
2.10	0.07	0.07	4.70	0.11	0.11	7.30	0.30	0.29
2.15	0.07	0.07	4.75	0.11	0.11	7.35	0.30	0.30
2.20	0.07	0.07	4.80	0.11	0.11	7.40	0.31	0.30
2.25	0.08	0.07	4.85	0.11	0.11	7.45	0.31	0.31
2.30	0.08	0.08	4.90	0.12	0.11	7.50	0.32	0.32
2.35	0.08	0.08	4.95	0.12	0.12	7.55	0.32	0.32
2.40	0.08	0.08	5.00	0.12	0.12	7.60	0.33	0.33
2.45	0.08	0.08	5.05	0.12	0.12	7.65	0.34	0.33
2.50	0.08	0.08	5.10	0.13	0.12	7.70	0.34	0.34
2.55	0.08	0.08	5.15	0.13	0.13	7.75	0.35	0.35

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2020 Rainfall=9.18", P2=3.47"

Prepared by Stonefield Engineering & Design

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
7.80	0.35	0.35	10.40	1.05	1.04	13.00	2.64	2.64
7.85	0.36	0.36	10.45	1.08	1.07	13.05	2.43	2.43
7.90	0.36	0.36	10.50	1.09	1.09	13.10	2.35	2.35
7.95	0.37	0.37	10.55	1.18	1.18	13.15	2.24	2.23
8.00	0.38	0.38	10.60	1.22	1.22	13.20	2.19	2.19
8.05	0.39	0.38	10.65	1.31	1.31	13.25	2.08	2.08
8.10	0.39	0.39	10.70	1.36	1.35	13.30	2.03	2.03
8.15	0.40	0.39	10.75	1.45	1.45	13.35	1.92	1.91
8.20	0.40	0.40	10.80	1.49	1.49	13.40	1.87	1.87
8.25	0.41	0.41	10.85	1.59	1.59	13.45	1.75	1.75
8.30	0.41	0.41	10.90	1.64	1.63	13.50	1.71	1.71
8.35	0.42	0.42	10.95	1.74	1.73	13.55	1.59	1.59
8.40	0.43	0.43	11.00	1.78	1.78	13.60	1.55	1.55
8.45	0.44	0.43	11.05	1.95	1.95	13.65	1.51	1.51
8.50	0.44	0.44	11.10	2.03	2.02	13.70	1.50	1.50
8.55	0.45	0.45	11.15	2.21	2.20	13.75	1.47	1.47
8.60	0.45	0.45	11.20	2.28	2.28	13.80	1.46	1.46
8.65	0.46	0.46	11.25	2.46	2.46	13.85	1.43	1.42
8.70	0.47	0.47	11.30	2.55	2.54	13.90	1.41	1.41
8.75	0.48	0.47	11.35	2.73	2.72	13.95	1.38	1.38
8.80	0.48	0.48	11.40	2.82	2.81	14.00	1.37	1.37
8.85	0.49	0.49	11.45	3.01	3.00	14.05	1.34	1.34
8.90	0.49	0.49	11.50	3.09	3.09	14.10	1.33	1.33
8.95	0.50	0.50	11.55	3.89	3.88	14.15	1.29	1.29
9.00	0.51	0.51	11.60	4.22	4.21	14.20	1.28	1.28
9.05	0.53	0.53	11.65	4.44	4.43	14.25	1.25	1.25
9.10	0.54	0.54	11.70	4.55	4.54	14.30	1.24	1.24
9.15	0.56	0.56	11.75	5.79	5.78	14.35	1.21	1.20
9.20	0.57	0.57	11.80	6.33	6.32	14.40	1.19	1.19
9.25	0.60	0.60	11.85	8.19	8.18	14.45	1.16	1.16
9.30	0.61	0.61	11.90	9.00	8.98	14.50	1.15	1.15
9.35	0.63	0.63	11.95	13.85	13.82	14.55	1.12	1.12
9.40	0.64	0.64	12.00	15.96	15.93	14.60	1.11	1.10
9.45	0.67	0.67	12.05	24.09	24.04	14.65	1.07	1.07
9.50	0.68	0.68	12.10	27.65	27.60	14.70	1.06	1.06
9.55	0.71	0.70	12.15	15.29	15.27	14.75	1.03	1.03
9.60	0.72	0.72	12.20	10.26	10.25	14.80	1.02	1.02
9.65	0.74	0.74	12.25	7.99	7.98	14.85	0.98	0.98
9.70	0.76	0.75	12.30	7.24	7.23	14.90	0.97	0.97
9.75	0.78	0.78	12.35	5.83	5.83	14.95	0.94	0.94
9.80	0.80	0.79	12.40	5.31	5.30	15.00	0.93	0.93
9.85	0.82	0.82	12.45	5.09	5.09	15.05	0.90	0.89
9.90	0.84	0.83	12.50	5.03	5.02	15.10	0.88	0.88
9.95	0.86	0.86	12.55	4.12	4.11	15.15	0.87	0.87
10.00	0.88	0.87	12.60	3.77	3.76	15.20	0.87	0.87
10.05	0.90	0.90	12.65	3.55	3.54	15.25	0.86	0.86
10.10	0.92	0.91	12.70	3.48	3.47	15.30	0.86	0.86
10.15	0.95	0.94	12.75	3.27	3.27	15.35	0.85	0.85
10.20	0.96	0.96	12.80	3.20	3.19	15.40	0.85	0.85
10.25	0.99	0.98	12.85	3.00	2.99	15.45	0.84	0.83
10.30	1.00	1.00	12.90	2.92	2.91	15.50	0.83	0.83
10.35	1.03	1.03	12.95	2.72	2.71	15.55	0.82	0.82

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2020 Rainfall=9.18", P2=3.47"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
15.60	0.82	0.82	18.20	0.50	0.50	20.80	0.42	0.42
15.65	0.81	0.81	18.25	0.50	0.50	20.85	0.42	0.42
15.70	0.81	0.81	18.30	0.50	0.50	20.90	0.42	0.42
15.75	0.80	0.80	18.35	0.50	0.50	20.95	0.41	0.41
15.80	0.79	0.79	18.40	0.50	0.49	21.00	0.41	0.41
15.85	0.78	0.78	18.45	0.49	0.49	21.05	0.41	0.41
15.90	0.78	0.78	18.50	0.49	0.49	21.10	0.41	0.41
15.95	0.77	0.77	18.55	0.49	0.49	21.15	0.41	0.41
16.00	0.77	0.77	18.60	0.49	0.49	21.20	0.41	0.41
16.05	0.76	0.76	18.65	0.49	0.49	21.25	0.40	0.40
16.10	0.76	0.76	18.70	0.48	0.48	21.30	0.40	0.40
16.15	0.75	0.75	18.75	0.48	0.48	21.35	0.40	0.40
16.20	0.74	0.74	18.80	0.48	0.48	21.40	0.40	0.40
16.25	0.74	0.74	18.85	0.48	0.48	21.45	0.40	0.40
16.30	0.73	0.73	18.90	0.48	0.48	21.50	0.40	0.40
16.35	0.72	0.72	18.95	0.48	0.48	21.55	0.39	0.39
16.40	0.72	0.72	19.00	0.48	0.48	21.60	0.39	0.39
16.45	0.71	0.71	19.05	0.47	0.47	21.65	0.39	0.39
16.50	0.71	0.70	19.10	0.47	0.47	21.70	0.39	0.39
16.55	0.70	0.70	19.15	0.47	0.47	21.75	0.39	0.39
16.60	0.69	0.69	19.20	0.47	0.47	21.80	0.39	0.39
16.65	0.69	0.69	19.25	0.47	0.47	21.85	0.39	0.39
16.70	0.68	0.68	19.30	0.47	0.47	21.90	0.38	0.38
16.75	0.67	0.67	19.35	0.46	0.46	21.95	0.38	0.38
16.80	0.67	0.67	19.40	0.46	0.46	22.00	0.38	0.38
16.85	0.66	0.66	19.45	0.46	0.46	22.05	0.38	0.38
16.90	0.66	0.66	19.50	0.46	0.46	22.10	0.38	0.38
16.95	0.65	0.65	19.55	0.46	0.46	22.15	0.38	0.38
17.00	0.64	0.64	19.60	0.46	0.46	22.20	0.38	0.38
17.05	0.64	0.63	19.65	0.46	0.46	22.25	0.37	0.37
17.10	0.63	0.63	19.70	0.46	0.46	22.30	0.37	0.37
17.15	0.62	0.62	19.75	0.45	0.45	22.35	0.37	0.37
17.20	0.62	0.62	19.80	0.45	0.45	22.40	0.37	0.37
17.25	0.61	0.61	19.85	0.45	0.45	22.45	0.37	0.37
17.30	0.61	0.61	19.90	0.45	0.45	22.50	0.37	0.36
17.35	0.60	0.60	19.95	0.45	0.44	22.55	0.36	0.36
17.40	0.59	0.59	20.00	0.44	0.44	22.60	0.36	0.36
17.45	0.58	0.58	20.05	0.44	0.44	22.65	0.36	0.36
17.50	0.58	0.58	20.10	0.44	0.44	22.70	0.36	0.36
17.55	0.57	0.57	20.15	0.44	0.44	22.75	0.36	0.36
17.60	0.57	0.57	20.20	0.44	0.44	22.80	0.36	0.36
17.65	0.56	0.56	20.25	0.43	0.43	22.85	0.35	0.35
17.70	0.56	0.55	20.30	0.43	0.43	22.90	0.35	0.35
17.75	0.55	0.55	20.35	0.43	0.43	22.95	0.35	0.35
17.80	0.54	0.54	20.40	0.43	0.43	23.00	0.35	0.35
17.85	0.53	0.53	20.45	0.43	0.43	23.05	0.35	0.35
17.90	0.53	0.53	20.50	0.43	0.43	23.10	0.35	0.35
17.95	0.52	0.52	20.55	0.43	0.43	23.15	0.34	0.34
18.00	0.52	0.52	20.60	0.43	0.43	23.20	0.34	0.34
18.05	0.51	0.51	20.65	0.42	0.42	23.25	0.34	0.34
18.10	0.50	0.50	20.70	0.42	0.42	23.30	0.34	0.34
18.15	0.50	0.50	20.75	0.42	0.42	23.35	0.34	0.34

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
23.40	0.34	0.34	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.33	0.33	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.33	0.33	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.33	0.33	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.33	0.33	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.33	0.33	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.33	0.33	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.32	0.32	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.32	0.32	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.32	0.32	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.32	0.32	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.32	0.32	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.32	0.32	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.09	0.09	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.01	0.01	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2020 Rainfall=9.18", P2=3.47"

Prepared by Stonefield Engineering & Design

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00

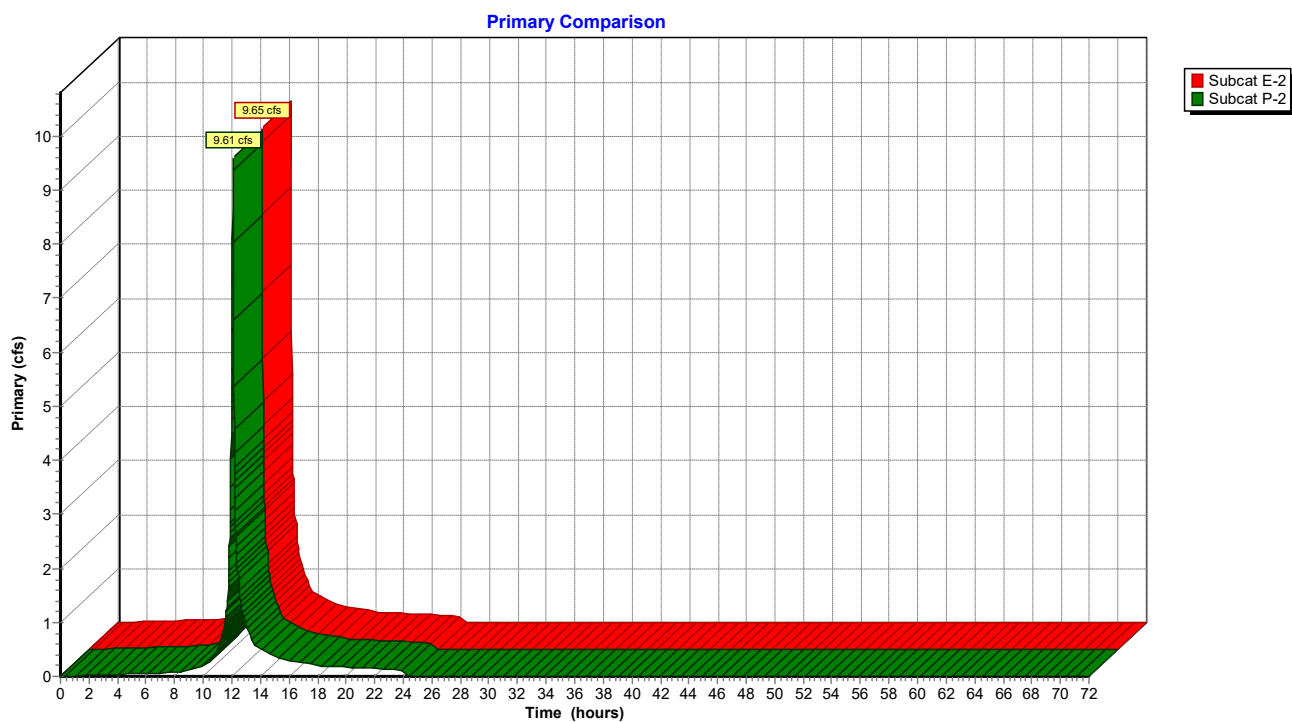
2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

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Primary Comparison

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
0.00	0.00	0.00	2.60	0.02	0.02	5.20	0.04	0.04
0.05	0.00	0.00	2.65	0.02	0.02	5.25	0.05	0.04
0.10	0.00	0.00	2.70	0.02	0.02	5.30	0.05	0.04
0.15	0.00	0.00	2.75	0.03	0.02	5.35	0.05	0.04
0.20	0.00	0.00	2.80	0.03	0.03	5.40	0.05	0.04
0.25	0.00	0.00	2.85	0.03	0.03	5.45	0.05	0.05
0.30	0.00	0.00	2.90	0.03	0.03	5.50	0.05	0.05
0.35	0.00	0.00	2.95	0.03	0.03	5.55	0.05	0.05
0.40	0.00	0.00	3.00	0.03	0.03	5.60	0.05	0.05
0.45	0.00	0.00	3.05	0.03	0.03	5.65	0.05	0.05
0.50	0.00	0.00	3.10	0.03	0.03	5.70	0.05	0.05
0.55	0.00	0.00	3.15	0.03	0.03	5.75	0.05	0.05
0.60	0.00	0.00	3.20	0.03	0.03	5.80	0.05	0.05
0.65	0.00	0.00	3.25	0.03	0.03	5.85	0.05	0.05
0.70	0.00	0.00	3.30	0.03	0.03	5.90	0.05	0.05
0.75	0.00	0.00	3.35	0.03	0.03	5.95	0.05	0.05
0.80	0.00	0.00	3.40	0.03	0.03	6.00	0.05	0.05
0.85	0.00	0.00	3.45	0.03	0.03	6.05	0.05	0.05
0.90	0.00	0.00	3.50	0.03	0.03	6.10	0.05	0.05
0.95	0.00	0.00	3.55	0.03	0.03	6.15	0.05	0.05
1.00	0.00	0.00	3.60	0.03	0.03	6.20	0.05	0.05
1.05	0.00	0.00	3.65	0.03	0.03	6.25	0.05	0.05
1.10	0.00	0.00	3.70	0.03	0.03	6.30	0.05	0.05
1.15	0.00	0.00	3.75	0.03	0.03	6.35	0.06	0.05
1.20	0.01	0.00	3.80	0.03	0.03	6.40	0.06	0.05
1.25	0.01	0.01	3.85	0.04	0.03	6.45	0.06	0.06
1.30	0.01	0.01	3.90	0.04	0.03	6.50	0.06	0.06
1.35	0.01	0.01	3.95	0.04	0.04	6.55	0.06	0.06
1.40	0.01	0.01	4.00	0.04	0.04	6.60	0.06	0.06
1.45	0.01	0.01	4.05	0.04	0.04	6.65	0.06	0.06
1.50	0.01	0.01	4.10	0.04	0.04	6.70	0.06	0.06
1.55	0.01	0.01	4.15	0.04	0.04	6.75	0.06	0.06
1.60	0.01	0.01	4.20	0.04	0.04	6.80	0.06	0.06
1.65	0.01	0.01	4.25	0.04	0.04	6.85	0.06	0.06
1.70	0.01	0.01	4.30	0.04	0.04	6.90	0.06	0.06
1.75	0.01	0.01	4.35	0.04	0.04	6.95	0.06	0.06
1.80	0.01	0.01	4.40	0.04	0.04	7.00	0.07	0.06
1.85	0.01	0.01	4.45	0.04	0.04	7.05	0.07	0.06
1.90	0.02	0.02	4.50	0.04	0.04	7.10	0.07	0.07
1.95	0.02	0.02	4.55	0.04	0.04	7.15	0.07	0.07
2.00	0.02	0.02	4.60	0.04	0.04	7.20	0.07	0.07
2.05	0.02	0.02	4.65	0.04	0.04	7.25	0.07	0.07
2.10	0.02	0.02	4.70	0.04	0.04	7.30	0.07	0.07
2.15	0.02	0.02	4.75	0.04	0.04	7.35	0.07	0.07
2.20	0.02	0.02	4.80	0.04	0.04	7.40	0.07	0.07
2.25	0.02	0.02	4.85	0.04	0.04	7.45	0.07	0.07
2.30	0.02	0.02	4.90	0.04	0.04	7.50	0.07	0.07
2.35	0.02	0.02	4.95	0.04	0.04	7.55	0.07	0.07
2.40	0.02	0.02	5.00	0.04	0.04	7.60	0.07	0.07
2.45	0.02	0.02	5.05	0.04	0.04	7.65	0.08	0.07
2.50	0.02	0.02	5.10	0.04	0.04	7.70	0.08	0.07
2.55	0.02	0.02	5.15	0.04	0.04	7.75	0.08	0.08

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
7.80	0.08	0.08	10.40	0.26	0.26	13.00	0.98	0.98
7.85	0.08	0.08	10.45	0.27	0.27	13.05	0.91	0.91
7.90	0.08	0.08	10.50	0.28	0.27	13.10	0.88	0.88
7.95	0.08	0.08	10.55	0.30	0.30	13.15	0.84	0.83
8.00	0.08	0.08	10.60	0.31	0.31	13.20	0.82	0.82
8.05	0.08	0.08	10.65	0.34	0.34	13.25	0.78	0.78
8.10	0.08	0.08	10.70	0.35	0.35	13.30	0.76	0.76
8.15	0.08	0.08	10.75	0.38	0.38	13.35	0.72	0.72
8.20	0.08	0.08	10.80	0.39	0.39	13.40	0.70	0.70
8.25	0.09	0.08	10.85	0.42	0.42	13.45	0.66	0.66
8.30	0.09	0.08	10.90	0.44	0.43	13.50	0.64	0.64
8.35	0.09	0.09	10.95	0.47	0.46	13.55	0.60	0.60
8.40	0.09	0.09	11.00	0.48	0.48	13.60	0.58	0.58
8.45	0.09	0.09	11.05	0.53	0.53	13.65	0.57	0.57
8.50	0.09	0.09	11.10	0.56	0.55	13.70	0.57	0.57
8.55	0.09	0.09	11.15	0.61	0.60	13.75	0.56	0.55
8.60	0.09	0.09	11.20	0.64	0.63	13.80	0.55	0.55
8.65	0.09	0.09	11.25	0.69	0.69	13.85	0.54	0.54
8.70	0.09	0.09	11.30	0.72	0.71	13.90	0.53	0.53
8.75	0.10	0.09	11.35	0.78	0.77	13.95	0.52	0.52
8.80	0.10	0.10	11.40	0.81	0.80	14.00	0.52	0.52
8.85	0.10	0.10	11.45	0.87	0.86	14.05	0.51	0.51
8.90	0.10	0.10	11.50	0.90	0.90	14.10	0.50	0.50
8.95	0.10	0.10	11.55	1.14	1.14	14.15	0.49	0.49
9.00	0.11	0.11	11.60	1.26	1.25	14.20	0.49	0.49
9.05	0.11	0.11	11.65	1.33	1.33	14.25	0.48	0.47
9.10	0.12	0.11	11.70	1.38	1.37	14.30	0.47	0.47
9.15	0.12	0.12	11.75	1.77	1.76	14.35	0.46	0.46
9.20	0.12	0.12	11.80	1.96	1.95	14.40	0.45	0.45
9.25	0.13	0.13	11.85	2.57	2.56	14.45	0.44	0.44
9.30	0.13	0.13	11.90	2.86	2.85	14.50	0.44	0.44
9.35	0.14	0.14	11.95	4.48	4.46	14.55	0.43	0.42
9.40	0.14	0.14	12.00	5.26	5.24	14.60	0.42	0.42
9.45	0.15	0.15	12.05	8.13	8.10	14.65	0.41	0.41
9.50	0.15	0.15	12.10	9.57	9.54	14.70	0.40	0.40
9.55	0.16	0.16	12.15	5.38	5.37	14.75	0.39	0.39
9.60	0.16	0.16	12.20	3.65	3.64	14.80	0.39	0.39
9.65	0.17	0.17	12.25	2.86	2.86	14.85	0.38	0.37
9.70	0.17	0.17	12.30	2.61	2.60	14.90	0.37	0.37
9.75	0.18	0.18	12.35	2.11	2.11	14.95	0.36	0.36
9.80	0.19	0.18	12.40	1.93	1.92	15.00	0.35	0.35
9.85	0.19	0.19	12.45	1.86	1.85	15.05	0.34	0.34
9.90	0.20	0.19	12.50	1.84	1.83	15.10	0.34	0.34
9.95	0.20	0.20	12.55	1.51	1.51	15.15	0.33	0.33
10.00	0.21	0.21	12.60	1.38	1.38	15.20	0.33	0.33
10.05	0.22	0.21	12.65	1.31	1.30	15.25	0.33	0.33
10.10	0.22	0.22	12.70	1.28	1.28	15.30	0.33	0.33
10.15	0.23	0.23	12.75	1.21	1.21	15.35	0.33	0.32
10.20	0.23	0.23	12.80	1.18	1.18	15.40	0.32	0.32
10.25	0.24	0.24	12.85	1.11	1.11	15.45	0.32	0.32
10.30	0.25	0.25	12.90	1.08	1.08	15.50	0.32	0.32
10.35	0.26	0.25	12.95	1.01	1.01	15.55	0.32	0.31

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
15.60	0.31	0.31	18.20	0.19	0.19	20.80	0.16	0.16
15.65	0.31	0.31	18.25	0.19	0.19	20.85	0.16	0.16
15.70	0.31	0.31	18.30	0.19	0.19	20.90	0.16	0.16
15.75	0.31	0.31	18.35	0.19	0.19	20.95	0.16	0.16
15.80	0.30	0.30	18.40	0.19	0.19	21.00	0.16	0.16
15.85	0.30	0.30	18.45	0.19	0.19	21.05	0.16	0.16
15.90	0.30	0.30	18.50	0.19	0.19	21.10	0.16	0.16
15.95	0.30	0.30	18.55	0.19	0.19	21.15	0.16	0.16
16.00	0.30	0.30	18.60	0.19	0.19	21.20	0.16	0.16
16.05	0.29	0.29	18.65	0.19	0.19	21.25	0.16	0.16
16.10	0.29	0.29	18.70	0.19	0.19	21.30	0.16	0.16
16.15	0.29	0.29	18.75	0.19	0.19	21.35	0.16	0.16
16.20	0.29	0.29	18.80	0.19	0.19	21.40	0.16	0.16
16.25	0.28	0.28	18.85	0.19	0.19	21.45	0.16	0.16
16.30	0.28	0.28	18.90	0.19	0.19	21.50	0.16	0.16
16.35	0.28	0.28	18.95	0.19	0.19	21.55	0.15	0.15
16.40	0.28	0.28	19.00	0.19	0.18	21.60	0.15	0.15
16.45	0.27	0.27	19.05	0.18	0.18	21.65	0.15	0.15
16.50	0.27	0.27	19.10	0.18	0.18	21.70	0.15	0.15
16.55	0.27	0.27	19.15	0.18	0.18	21.75	0.15	0.15
16.60	0.27	0.27	19.20	0.18	0.18	21.80	0.15	0.15
16.65	0.26	0.26	19.25	0.18	0.18	21.85	0.15	0.15
16.70	0.26	0.26	19.30	0.18	0.18	21.90	0.15	0.15
16.75	0.26	0.26	19.35	0.18	0.18	21.95	0.15	0.15
16.80	0.26	0.26	19.40	0.18	0.18	22.00	0.15	0.15
16.85	0.26	0.25	19.45	0.18	0.18	22.05	0.15	0.15
16.90	0.25	0.25	19.50	0.18	0.18	22.10	0.15	0.15
16.95	0.25	0.25	19.55	0.18	0.18	22.15	0.15	0.15
17.00	0.25	0.25	19.60	0.18	0.18	22.20	0.15	0.15
17.05	0.25	0.25	19.65	0.18	0.18	22.25	0.15	0.15
17.10	0.24	0.24	19.70	0.18	0.18	22.30	0.15	0.15
17.15	0.24	0.24	19.75	0.18	0.18	22.35	0.14	0.14
17.20	0.24	0.24	19.80	0.18	0.18	22.40	0.14	0.14
17.25	0.24	0.24	19.85	0.17	0.17	22.45	0.14	0.14
17.30	0.23	0.23	19.90	0.17	0.17	22.50	0.14	0.14
17.35	0.23	0.23	19.95	0.17	0.17	22.55	0.14	0.14
17.40	0.23	0.23	20.00	0.17	0.17	22.60	0.14	0.14
17.45	0.23	0.23	20.05	0.17	0.17	22.65	0.14	0.14
17.50	0.22	0.22	20.10	0.17	0.17	22.70	0.14	0.14
17.55	0.22	0.22	20.15	0.17	0.17	22.75	0.14	0.14
17.60	0.22	0.22	20.20	0.17	0.17	22.80	0.14	0.14
17.65	0.22	0.22	20.25	0.17	0.17	22.85	0.14	0.14
17.70	0.22	0.21	20.30	0.17	0.17	22.90	0.14	0.14
17.75	0.21	0.21	20.35	0.17	0.17	22.95	0.14	0.14
17.80	0.21	0.21	20.40	0.17	0.17	23.00	0.14	0.14
17.85	0.21	0.21	20.45	0.17	0.17	23.05	0.14	0.14
17.90	0.21	0.21	20.50	0.17	0.17	23.10	0.14	0.14
17.95	0.20	0.20	20.55	0.17	0.17	23.15	0.14	0.13
18.00	0.20	0.20	20.60	0.17	0.17	23.20	0.13	0.13
18.05	0.20	0.20	20.65	0.17	0.17	23.25	0.13	0.13
18.10	0.20	0.20	20.70	0.17	0.16	23.30	0.13	0.13
18.15	0.19	0.19	20.75	0.16	0.16	23.35	0.13	0.13

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
23.40	0.13	0.13	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.13	0.13	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.13	0.13	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.13	0.13	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.13	0.13	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.13	0.13	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.13	0.13	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.13	0.13	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.13	0.13	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.13	0.13	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.13	0.13	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.13	0.13	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.13	0.13	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.04	0.04	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

HydroCAD® 10.20-5c s/n 10626 © 2023 HydroCAD Software Solutions LLC

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

2025-08-13_Stormwater Calculations

NOAA 24-hr D 2-Year-2050 Rainfall=4.09", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

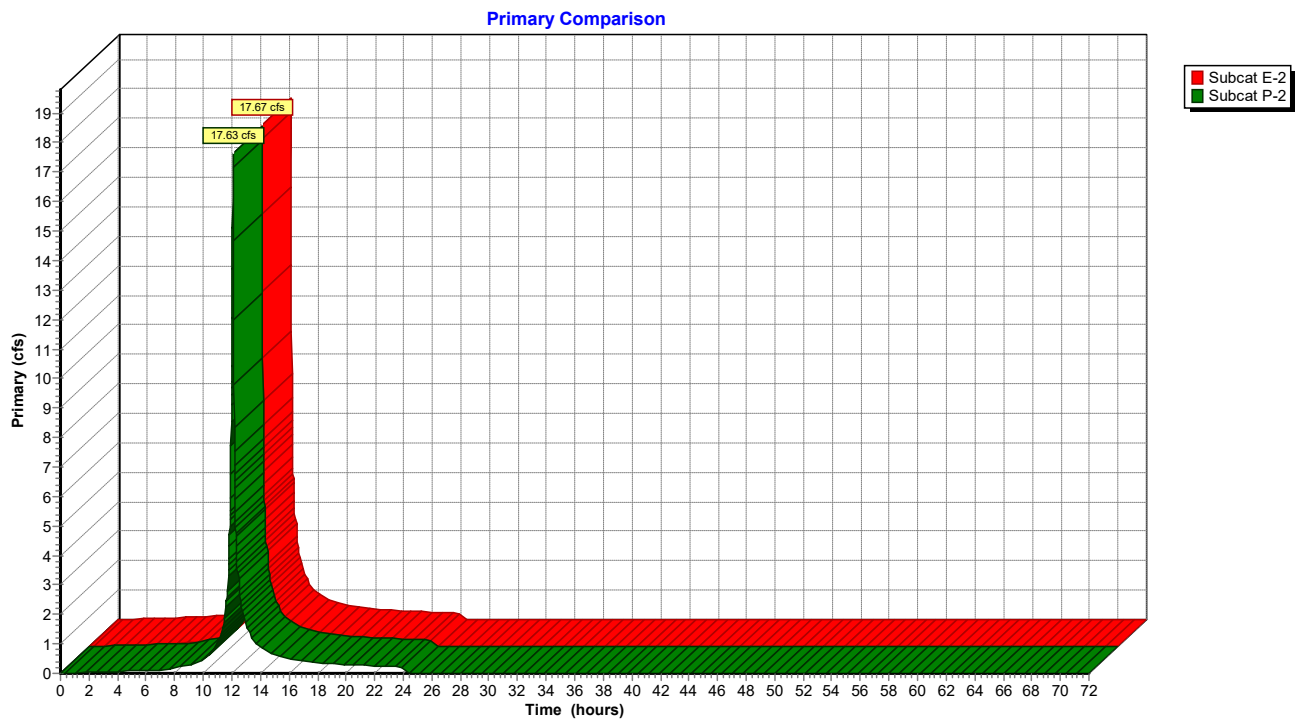
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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00



Primary Comparison

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
0.00	0.00	0.00	2.60	0.05	0.05	5.20	0.08	0.08
0.05	0.00	0.00	2.65	0.05	0.05	5.25	0.08	0.08
0.10	0.00	0.00	2.70	0.05	0.05	5.30	0.08	0.08
0.15	0.00	0.00	2.75	0.05	0.05	5.35	0.08	0.08
0.20	0.00	0.00	2.80	0.05	0.05	5.40	0.08	0.08
0.25	0.00	0.00	2.85	0.05	0.05	5.45	0.08	0.08
0.30	0.00	0.00	2.90	0.05	0.05	5.50	0.08	0.08
0.35	0.00	0.00	2.95	0.05	0.05	5.55	0.08	0.08
0.40	0.00	0.00	3.00	0.05	0.05	5.60	0.08	0.08
0.45	0.00	0.00	3.05	0.06	0.05	5.65	0.08	0.08
0.50	0.00	0.00	3.10	0.06	0.06	5.70	0.08	0.08
0.55	0.00	0.00	3.15	0.06	0.06	5.75	0.08	0.08
0.60	0.00	0.00	3.20	0.06	0.06	5.80	0.08	0.08
0.65	0.00	0.00	3.25	0.06	0.06	5.85	0.08	0.08
0.70	0.00	0.00	3.30	0.06	0.06	5.90	0.08	0.08
0.75	0.01	0.01	3.35	0.06	0.06	5.95	0.08	0.08
0.80	0.01	0.01	3.40	0.06	0.06	6.00	0.08	0.08
0.85	0.01	0.01	3.45	0.06	0.06	6.05	0.09	0.08
0.90	0.01	0.01	3.50	0.06	0.06	6.10	0.09	0.09
0.95	0.01	0.01	3.55	0.06	0.06	6.15	0.09	0.09
1.00	0.01	0.01	3.60	0.06	0.06	6.20	0.09	0.09
1.05	0.02	0.02	3.65	0.06	0.06	6.25	0.09	0.09
1.10	0.02	0.02	3.70	0.06	0.06	6.30	0.09	0.09
1.15	0.02	0.02	3.75	0.06	0.06	6.35	0.09	0.09
1.20	0.02	0.02	3.80	0.06	0.06	6.40	0.09	0.09
1.25	0.02	0.02	3.85	0.06	0.06	6.45	0.10	0.09
1.30	0.02	0.02	3.90	0.07	0.06	6.50	0.10	0.09
1.35	0.02	0.02	3.95	0.07	0.06	6.55	0.10	0.10
1.40	0.03	0.03	4.00	0.07	0.07	6.60	0.10	0.10
1.45	0.03	0.03	4.05	0.07	0.07	6.65	0.10	0.10
1.50	0.03	0.03	4.10	0.07	0.07	6.70	0.11	0.10
1.55	0.03	0.03	4.15	0.07	0.07	6.75	0.11	0.11
1.60	0.03	0.03	4.20	0.07	0.07	6.80	0.11	0.11
1.65	0.03	0.03	4.25	0.07	0.07	6.85	0.12	0.11
1.70	0.03	0.03	4.30	0.07	0.07	6.90	0.12	0.12
1.75	0.03	0.03	4.35	0.07	0.07	6.95	0.12	0.12
1.80	0.04	0.03	4.40	0.07	0.07	7.00	0.12	0.12
1.85	0.04	0.04	4.45	0.07	0.07	7.05	0.13	0.13
1.90	0.04	0.04	4.50	0.07	0.07	7.10	0.13	0.13
1.95	0.04	0.04	4.55	0.07	0.07	7.15	0.13	0.13
2.00	0.04	0.04	4.60	0.07	0.07	7.20	0.14	0.13
2.05	0.04	0.04	4.65	0.07	0.07	7.25	0.14	0.14
2.10	0.04	0.04	4.70	0.07	0.07	7.30	0.14	0.14
2.15	0.04	0.04	4.75	0.07	0.07	7.35	0.15	0.14
2.20	0.04	0.04	4.80	0.07	0.07	7.40	0.15	0.15
2.25	0.04	0.04	4.85	0.07	0.07	7.45	0.15	0.15
2.30	0.04	0.04	4.90	0.07	0.07	7.50	0.15	0.15
2.35	0.05	0.04	4.95	0.08	0.07	7.55	0.16	0.16
2.40	0.05	0.05	5.00	0.08	0.07	7.60	0.16	0.16
2.45	0.05	0.05	5.05	0.08	0.07	7.65	0.16	0.16
2.50	0.05	0.05	5.10	0.08	0.08	7.70	0.17	0.17
2.55	0.05	0.05	5.15	0.08	0.08	7.75	0.17	0.17

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
7.80	0.17	0.17	10.40	0.59	0.58	13.00	1.72	1.72
7.85	0.18	0.18	10.45	0.60	0.60	13.05	1.59	1.59
7.90	0.18	0.18	10.50	0.61	0.61	13.10	1.54	1.54
7.95	0.19	0.18	10.55	0.67	0.66	13.15	1.46	1.46
8.00	0.19	0.19	10.60	0.69	0.69	13.20	1.44	1.43
8.05	0.19	0.19	10.65	0.74	0.74	13.25	1.36	1.36
8.10	0.20	0.19	10.70	0.77	0.77	13.30	1.33	1.33
8.15	0.20	0.20	10.75	0.83	0.82	13.35	1.26	1.25
8.20	0.20	0.20	10.80	0.85	0.85	13.40	1.23	1.22
8.25	0.21	0.21	10.85	0.91	0.91	13.45	1.15	1.15
8.30	0.21	0.21	10.90	0.94	0.94	13.50	1.12	1.12
8.35	0.22	0.21	10.95	1.00	0.99	13.55	1.04	1.04
8.40	0.22	0.22	11.00	1.03	1.02	13.60	1.02	1.01
8.45	0.22	0.22	11.05	1.13	1.12	13.65	0.99	0.99
8.50	0.23	0.22	11.10	1.18	1.17	13.70	0.99	0.98
8.55	0.23	0.23	11.15	1.28	1.28	13.75	0.97	0.96
8.60	0.23	0.23	11.20	1.33	1.33	13.80	0.96	0.96
8.65	0.24	0.24	11.25	1.44	1.44	13.85	0.94	0.93
8.70	0.24	0.24	11.30	1.49	1.49	13.90	0.93	0.93
8.75	0.25	0.25	11.35	1.61	1.60	13.95	0.91	0.91
8.80	0.25	0.25	11.40	1.66	1.66	14.00	0.90	0.90
8.85	0.26	0.25	11.45	1.78	1.77	14.05	0.88	0.88
8.90	0.26	0.26	11.50	1.84	1.83	14.10	0.87	0.87
8.95	0.26	0.26	11.55	2.32	2.31	14.15	0.85	0.85
9.00	0.27	0.27	11.60	2.53	2.52	14.20	0.84	0.84
9.05	0.28	0.28	11.65	2.67	2.66	14.25	0.82	0.82
9.10	0.29	0.28	11.70	2.74	2.73	14.30	0.82	0.81
9.15	0.30	0.30	11.75	3.51	3.50	14.35	0.79	0.79
9.20	0.30	0.30	11.80	3.85	3.84	14.40	0.79	0.78
9.25	0.32	0.32	11.85	5.01	4.99	14.45	0.77	0.76
9.30	0.33	0.32	11.90	5.53	5.51	14.50	0.76	0.76
9.35	0.34	0.34	11.95	8.57	8.55	14.55	0.74	0.74
9.40	0.35	0.34	12.00	9.95	9.92	14.60	0.73	0.73
9.45	0.36	0.36	12.05	15.16	15.12	14.65	0.71	0.71
9.50	0.37	0.36	12.10	17.57	17.53	14.70	0.70	0.70
9.55	0.38	0.38	12.15	9.78	9.76	14.75	0.68	0.68
9.60	0.39	0.39	12.20	6.59	6.58	14.80	0.67	0.67
9.65	0.40	0.40	12.25	5.15	5.13	14.85	0.65	0.65
9.70	0.41	0.41	12.30	4.67	4.66	14.90	0.64	0.64
9.75	0.43	0.42	12.35	3.77	3.76	14.95	0.62	0.62
9.80	0.43	0.43	12.40	3.43	3.43	15.00	0.61	0.61
9.85	0.45	0.45	12.45	3.30	3.29	15.05	0.59	0.59
9.90	0.46	0.45	12.50	3.26	3.26	15.10	0.58	0.58
9.95	0.47	0.47	12.55	2.68	2.67	15.15	0.58	0.57
10.00	0.48	0.48	12.60	2.45	2.44	15.20	0.57	0.57
10.05	0.50	0.50	12.65	2.31	2.30	15.25	0.57	0.57
10.10	0.51	0.50	12.70	2.26	2.26	15.30	0.57	0.56
10.15	0.52	0.52	12.75	2.13	2.13	15.35	0.56	0.56
10.20	0.53	0.53	12.80	2.08	2.08	15.40	0.56	0.56
10.25	0.55	0.55	12.85	1.95	1.95	15.45	0.55	0.55
10.30	0.56	0.56	12.90	1.90	1.90	15.50	0.55	0.55
10.35	0.58	0.57	12.95	1.77	1.77	15.55	0.54	0.54

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
15.60	0.54	0.54	18.20	0.33	0.33	20.80	0.28	0.28
15.65	0.54	0.54	18.25	0.33	0.33	20.85	0.28	0.28
15.70	0.53	0.53	18.30	0.33	0.33	20.90	0.28	0.28
15.75	0.53	0.53	18.35	0.33	0.33	20.95	0.28	0.28
15.80	0.52	0.52	18.40	0.33	0.33	21.00	0.28	0.27
15.85	0.52	0.52	18.45	0.33	0.33	21.05	0.27	0.27
15.90	0.52	0.52	18.50	0.32	0.32	21.10	0.27	0.27
15.95	0.51	0.51	18.55	0.32	0.32	21.15	0.27	0.27
16.00	0.51	0.51	18.60	0.32	0.32	21.20	0.27	0.27
16.05	0.50	0.50	18.65	0.32	0.32	21.25	0.27	0.27
16.10	0.50	0.50	18.70	0.32	0.32	21.30	0.27	0.27
16.15	0.49	0.49	18.75	0.32	0.32	21.35	0.27	0.27
16.20	0.49	0.49	18.80	0.32	0.32	21.40	0.27	0.27
16.25	0.49	0.49	18.85	0.32	0.32	21.45	0.26	0.26
16.30	0.49	0.48	18.90	0.32	0.32	21.50	0.26	0.26
16.35	0.48	0.48	18.95	0.32	0.32	21.55	0.26	0.26
16.40	0.48	0.48	19.00	0.32	0.32	21.60	0.26	0.26
16.45	0.47	0.47	19.05	0.31	0.31	21.65	0.26	0.26
16.50	0.47	0.47	19.10	0.31	0.31	21.70	0.26	0.26
16.55	0.46	0.46	19.15	0.31	0.31	21.75	0.26	0.26
16.60	0.46	0.46	19.20	0.31	0.31	21.80	0.26	0.26
16.65	0.45	0.45	19.25	0.31	0.31	21.85	0.26	0.26
16.70	0.45	0.45	19.30	0.31	0.31	21.90	0.26	0.26
16.75	0.45	0.44	19.35	0.31	0.31	21.95	0.25	0.25
16.80	0.44	0.44	19.40	0.31	0.31	22.00	0.25	0.25
16.85	0.44	0.44	19.45	0.31	0.31	22.05	0.25	0.25
16.90	0.44	0.43	19.50	0.31	0.31	22.10	0.25	0.25
16.95	0.43	0.43	19.55	0.30	0.30	22.15	0.25	0.25
17.00	0.43	0.43	19.60	0.30	0.30	22.20	0.25	0.25
17.05	0.42	0.42	19.65	0.30	0.30	22.25	0.25	0.25
17.10	0.42	0.42	19.70	0.30	0.30	22.30	0.25	0.25
17.15	0.41	0.41	19.75	0.30	0.30	22.35	0.25	0.25
17.20	0.41	0.41	19.80	0.30	0.30	22.40	0.24	0.24
17.25	0.40	0.40	19.85	0.30	0.30	22.45	0.24	0.24
17.30	0.40	0.40	19.90	0.30	0.30	22.50	0.24	0.24
17.35	0.39	0.39	19.95	0.30	0.30	22.55	0.24	0.24
17.40	0.39	0.39	20.00	0.30	0.29	22.60	0.24	0.24
17.45	0.39	0.39	20.05	0.29	0.29	22.65	0.24	0.24
17.50	0.38	0.38	20.10	0.29	0.29	22.70	0.24	0.24
17.55	0.38	0.38	20.15	0.29	0.29	22.75	0.24	0.24
17.60	0.38	0.37	20.20	0.29	0.29	22.80	0.24	0.24
17.65	0.37	0.37	20.25	0.29	0.29	22.85	0.24	0.24
17.70	0.37	0.37	20.30	0.29	0.29	22.90	0.24	0.24
17.75	0.36	0.36	20.35	0.29	0.29	22.95	0.23	0.23
17.80	0.36	0.36	20.40	0.29	0.29	23.00	0.23	0.23
17.85	0.35	0.35	20.45	0.29	0.28	23.05	0.23	0.23
17.90	0.35	0.35	20.50	0.28	0.28	23.10	0.23	0.23
17.95	0.35	0.35	20.55	0.28	0.28	23.15	0.23	0.23
18.00	0.34	0.34	20.60	0.28	0.28	23.20	0.23	0.23
18.05	0.34	0.34	20.65	0.28	0.28	23.25	0.23	0.23
18.10	0.33	0.33	20.70	0.28	0.28	23.30	0.23	0.23
18.15	0.33	0.33	20.75	0.28	0.28	23.35	0.22	0.22

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
23.40	0.22	0.22	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.22	0.22	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.22	0.22	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.22	0.22	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.22	0.22	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.22	0.22	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.22	0.22	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.22	0.22	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.21	0.21	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.21	0.21	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.21	0.21	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.21	0.21	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.21	0.21	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.06	0.06	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.00	0.00	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

Primary Comparison (continued)

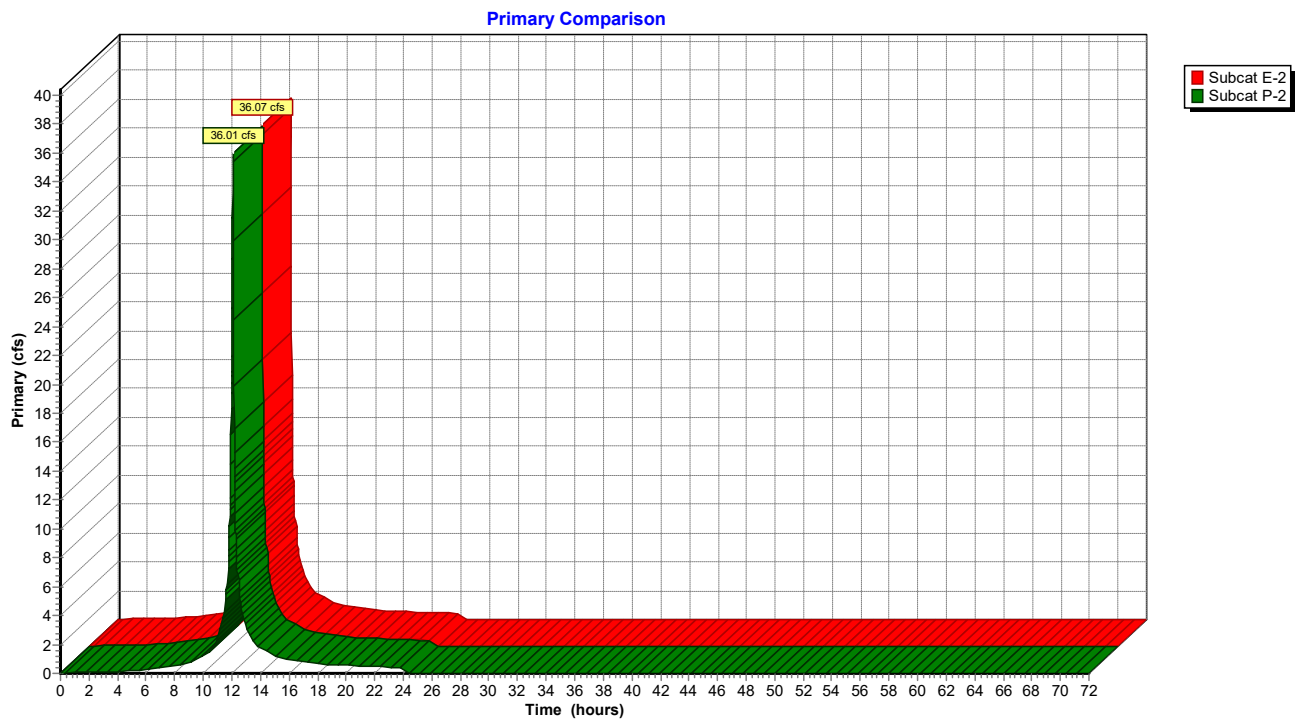
Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00



2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
0.00	0.00	0.00	2.60	0.11	0.11	5.20	0.21	0.21
0.05	0.00	0.00	2.65	0.11	0.11	5.25	0.22	0.22
0.10	0.00	0.00	2.70	0.11	0.11	5.30	0.22	0.22
0.15	0.00	0.00	2.75	0.11	0.11	5.35	0.22	0.22
0.20	0.00	0.00	2.80	0.11	0.11	5.40	0.23	0.22
0.25	0.00	0.00	2.85	0.12	0.11	5.45	0.23	0.23
0.30	0.00	0.00	2.90	0.12	0.11	5.50	0.23	0.23
0.35	0.00	0.00	2.95	0.12	0.12	5.55	0.24	0.24
0.40	0.00	0.00	3.00	0.12	0.12	5.60	0.24	0.24
0.45	0.01	0.01	3.05	0.12	0.12	5.65	0.24	0.24
0.50	0.02	0.02	3.10	0.12	0.12	5.70	0.25	0.25
0.55	0.02	0.02	3.15	0.12	0.12	5.75	0.25	0.25
0.60	0.03	0.03	3.20	0.12	0.12	5.80	0.25	0.25
0.65	0.03	0.03	3.25	0.12	0.12	5.85	0.26	0.26
0.70	0.04	0.04	3.30	0.12	0.12	5.90	0.26	0.26
0.75	0.04	0.04	3.35	0.12	0.12	5.95	0.26	0.26
0.80	0.04	0.04	3.40	0.12	0.12	6.00	0.27	0.27
0.85	0.05	0.05	3.45	0.13	0.12	6.05	0.28	0.27
0.90	0.05	0.05	3.50	0.13	0.13	6.10	0.28	0.28
0.95	0.05	0.05	3.55	0.13	0.13	6.15	0.29	0.28
1.00	0.06	0.06	3.60	0.13	0.13	6.20	0.29	0.29
1.05	0.06	0.06	3.65	0.13	0.13	6.25	0.30	0.30
1.10	0.06	0.06	3.70	0.13	0.13	6.30	0.30	0.30
1.15	0.07	0.06	3.75	0.13	0.13	6.35	0.31	0.31
1.20	0.07	0.07	3.80	0.13	0.13	6.40	0.32	0.31
1.25	0.07	0.07	3.85	0.13	0.13	6.45	0.32	0.32
1.30	0.07	0.07	3.90	0.13	0.13	6.50	0.33	0.33
1.35	0.07	0.07	3.95	0.13	0.13	6.55	0.34	0.34
1.40	0.08	0.08	4.00	0.13	0.13	6.60	0.34	0.34
1.45	0.08	0.08	4.05	0.14	0.14	6.65	0.35	0.35
1.50	0.08	0.08	4.10	0.14	0.14	6.70	0.36	0.35
1.55	0.08	0.08	4.15	0.14	0.14	6.75	0.37	0.36
1.60	0.08	0.08	4.20	0.15	0.15	6.80	0.37	0.37
1.65	0.09	0.08	4.25	0.15	0.15	6.85	0.38	0.38
1.70	0.09	0.09	4.30	0.15	0.15	6.90	0.38	0.38
1.75	0.09	0.09	4.35	0.16	0.16	6.95	0.39	0.39
1.80	0.09	0.09	4.40	0.16	0.16	7.00	0.40	0.40
1.85	0.09	0.09	4.45	0.16	0.16	7.05	0.41	0.41
1.90	0.09	0.09	4.50	0.17	0.16	7.10	0.41	0.41
1.95	0.09	0.09	4.55	0.17	0.17	7.15	0.42	0.42
2.00	0.10	0.09	4.60	0.17	0.17	7.20	0.43	0.43
2.05	0.10	0.10	4.65	0.18	0.18	7.25	0.44	0.44
2.10	0.10	0.10	4.70	0.18	0.18	7.30	0.44	0.44
2.15	0.10	0.10	4.75	0.18	0.18	7.35	0.45	0.45
2.20	0.10	0.10	4.80	0.19	0.19	7.40	0.46	0.46
2.25	0.10	0.10	4.85	0.19	0.19	7.45	0.47	0.47
2.30	0.10	0.10	4.90	0.19	0.19	7.50	0.47	0.47
2.35	0.11	0.10	4.95	0.20	0.20	7.55	0.48	0.48
2.40	0.11	0.10	5.00	0.20	0.20	7.60	0.49	0.49
2.45	0.11	0.11	5.05	0.20	0.20	7.65	0.50	0.50
2.50	0.11	0.11	5.10	0.21	0.21	7.70	0.51	0.50
2.55	0.11	0.11	5.15	0.21	0.21	7.75	0.52	0.51

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
7.80	0.52	0.52	10.40	1.45	1.45	13.00	3.40	3.39
7.85	0.53	0.53	10.45	1.49	1.49	13.05	3.13	3.13
7.90	0.54	0.53	10.50	1.51	1.51	13.10	3.03	3.03
7.95	0.55	0.55	10.55	1.64	1.63	13.15	2.88	2.87
8.00	0.56	0.55	10.60	1.69	1.68	13.20	2.82	2.82
8.05	0.57	0.56	10.65	1.82	1.81	13.25	2.67	2.67
8.10	0.57	0.57	10.70	1.87	1.87	13.30	2.61	2.61
8.15	0.58	0.58	10.75	2.00	1.99	13.35	2.46	2.46
8.20	0.59	0.59	10.80	2.06	2.05	13.40	2.41	2.40
8.25	0.60	0.60	10.85	2.19	2.18	13.45	2.26	2.25
8.30	0.60	0.60	10.90	2.25	2.24	13.50	2.20	2.19
8.35	0.62	0.61	10.95	2.38	2.38	13.55	2.05	2.04
8.40	0.63	0.62	11.00	2.44	2.43	13.60	1.99	1.99
8.45	0.63	0.63	11.05	2.67	2.66	13.65	1.94	1.94
8.50	0.64	0.64	11.10	2.77	2.76	13.70	1.93	1.93
8.55	0.65	0.65	11.15	3.01	3.00	13.75	1.89	1.89
8.60	0.66	0.66	11.20	3.11	3.10	13.80	1.87	1.87
8.65	0.67	0.67	11.25	3.35	3.34	13.85	1.83	1.83
8.70	0.68	0.67	11.30	3.46	3.45	13.90	1.81	1.81
8.75	0.69	0.68	11.35	3.70	3.69	13.95	1.77	1.77
8.80	0.69	0.69	11.40	3.81	3.80	14.00	1.76	1.76
8.85	0.70	0.70	11.45	4.06	4.05	14.05	1.72	1.72
8.90	0.71	0.71	11.50	4.17	4.16	14.10	1.70	1.70
8.95	0.72	0.72	11.55	5.23	5.22	14.15	1.66	1.66
9.00	0.73	0.73	11.60	5.68	5.66	14.20	1.65	1.64
9.05	0.76	0.76	11.65	5.96	5.95	14.25	1.61	1.60
9.10	0.78	0.77	11.70	6.08	6.07	14.30	1.59	1.59
9.15	0.81	0.80	11.75	7.74	7.72	14.35	1.55	1.54
9.20	0.82	0.82	11.80	8.44	8.42	14.40	1.53	1.53
9.25	0.85	0.85	11.85	10.89	10.87	14.45	1.49	1.49
9.30	0.87	0.87	11.90	11.92	11.90	14.50	1.48	1.47
9.35	0.90	0.90	11.95	18.29	18.26	14.55	1.43	1.43
9.40	0.92	0.91	12.00	21.00	20.96	14.60	1.42	1.42
9.45	0.95	0.95	12.05	31.55	31.50	14.65	1.38	1.37
9.50	0.97	0.96	12.10	36.05	35.99	14.70	1.36	1.36
9.55	1.00	1.00	12.15	19.88	19.85	14.75	1.32	1.32
9.60	1.02	1.02	12.20	13.31	13.30	14.80	1.31	1.30
9.65	1.05	1.05	12.25	10.35	10.34	14.85	1.26	1.26
9.70	1.07	1.06	12.30	9.37	9.36	14.90	1.24	1.24
9.75	1.11	1.10	12.35	7.55	7.54	14.95	1.20	1.20
9.80	1.12	1.12	12.40	6.86	6.85	15.00	1.19	1.19
9.85	1.16	1.15	12.45	6.58	6.57	15.05	1.15	1.15
9.90	1.18	1.17	12.50	6.49	6.49	15.10	1.13	1.13
9.95	1.21	1.21	12.55	5.32	5.31	15.15	1.12	1.12
10.00	1.23	1.23	12.60	4.86	4.86	15.20	1.11	1.11
10.05	1.27	1.26	12.65	4.58	4.57	15.25	1.10	1.10
10.10	1.29	1.28	12.70	4.48	4.48	15.30	1.10	1.10
10.15	1.32	1.32	12.75	4.22	4.21	15.35	1.09	1.09
10.20	1.34	1.34	12.80	4.12	4.12	15.40	1.08	1.08
10.25	1.38	1.38	12.85	3.86	3.85	15.45	1.07	1.07
10.30	1.40	1.39	12.90	3.76	3.75	15.50	1.07	1.06
10.35	1.44	1.43	12.95	3.50	3.49	15.55	1.05	1.05

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
15.60	1.05	1.05	18.20	0.64	0.64	20.80	0.54	0.53
15.65	1.04	1.04	18.25	0.64	0.64	20.85	0.53	0.53
15.70	1.04	1.04	18.30	0.64	0.64	20.90	0.53	0.53
15.75	1.02	1.02	18.35	0.63	0.63	20.95	0.53	0.53
15.80	1.02	1.01	18.40	0.63	0.63	21.00	0.53	0.53
15.85	1.00	1.00	18.45	0.63	0.63	21.05	0.52	0.52
15.90	1.00	1.00	18.50	0.63	0.63	21.10	0.52	0.52
15.95	0.99	0.99	18.55	0.63	0.63	21.15	0.52	0.52
16.00	0.99	0.99	18.60	0.63	0.63	21.20	0.52	0.52
16.05	0.98	0.97	18.65	0.62	0.62	21.25	0.52	0.51
16.10	0.97	0.97	18.70	0.62	0.62	21.30	0.51	0.51
16.15	0.96	0.95	18.75	0.62	0.62	21.35	0.51	0.51
16.20	0.95	0.95	18.80	0.62	0.62	21.40	0.51	0.51
16.25	0.94	0.94	18.85	0.61	0.61	21.45	0.51	0.51
16.30	0.94	0.94	18.90	0.61	0.61	21.50	0.51	0.51
16.35	0.93	0.93	18.95	0.61	0.61	21.55	0.50	0.50
16.40	0.92	0.92	19.00	0.61	0.61	21.60	0.50	0.50
16.45	0.91	0.91	19.05	0.61	0.60	21.65	0.50	0.50
16.50	0.90	0.90	19.10	0.60	0.60	21.70	0.50	0.50
16.55	0.89	0.89	19.15	0.60	0.60	21.75	0.50	0.50
16.60	0.89	0.89	19.20	0.60	0.60	21.80	0.49	0.49
16.65	0.88	0.88	19.25	0.60	0.60	21.85	0.49	0.49
16.70	0.87	0.87	19.30	0.60	0.60	21.90	0.49	0.49
16.75	0.86	0.86	19.35	0.59	0.59	21.95	0.49	0.49
16.80	0.86	0.85	19.40	0.59	0.59	22.00	0.49	0.49
16.85	0.85	0.84	19.45	0.59	0.59	22.05	0.48	0.48
16.90	0.84	0.84	19.50	0.59	0.59	22.10	0.48	0.48
16.95	0.83	0.83	19.55	0.58	0.58	22.15	0.48	0.48
17.00	0.82	0.82	19.60	0.58	0.58	22.20	0.48	0.48
17.05	0.81	0.81	19.65	0.58	0.58	22.25	0.48	0.47
17.10	0.81	0.81	19.70	0.58	0.58	22.30	0.47	0.47
17.15	0.80	0.79	19.75	0.58	0.58	22.35	0.47	0.47
17.20	0.79	0.79	19.80	0.58	0.57	22.40	0.47	0.47
17.25	0.78	0.78	19.85	0.57	0.57	22.45	0.47	0.47
17.30	0.78	0.77	19.90	0.57	0.57	22.50	0.47	0.47
17.35	0.76	0.76	19.95	0.57	0.57	22.55	0.46	0.46
17.40	0.76	0.76	20.00	0.57	0.57	22.60	0.46	0.46
17.45	0.75	0.75	20.05	0.57	0.56	22.65	0.46	0.46
17.50	0.74	0.74	20.10	0.56	0.56	22.70	0.46	0.46
17.55	0.73	0.73	20.15	0.56	0.56	22.75	0.46	0.46
17.60	0.72	0.72	20.20	0.56	0.56	22.80	0.45	0.45
17.65	0.71	0.71	20.25	0.56	0.55	22.85	0.45	0.45
17.70	0.71	0.71	20.30	0.55	0.55	22.90	0.45	0.45
17.75	0.70	0.70	20.35	0.55	0.55	22.95	0.45	0.45
17.80	0.70	0.69	20.40	0.55	0.55	23.00	0.44	0.44
17.85	0.68	0.68	20.45	0.55	0.55	23.05	0.44	0.44
17.90	0.68	0.68	20.50	0.55	0.55	23.10	0.44	0.44
17.95	0.67	0.67	20.55	0.55	0.55	23.15	0.44	0.44
18.00	0.66	0.66	20.60	0.55	0.55	23.20	0.44	0.44
18.05	0.65	0.65	20.65	0.54	0.54	23.25	0.43	0.43
18.10	0.64	0.64	20.70	0.54	0.54	23.30	0.43	0.43
18.15	0.64	0.64	20.75	0.54	0.54	23.35	0.43	0.43

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
23.40	0.43	0.43	26.00	0.00	0.00	28.60	0.00	0.00
23.45	0.43	0.43	26.05	0.00	0.00	28.65	0.00	0.00
23.50	0.43	0.42	26.10	0.00	0.00	28.70	0.00	0.00
23.55	0.42	0.42	26.15	0.00	0.00	28.75	0.00	0.00
23.60	0.42	0.42	26.20	0.00	0.00	28.80	0.00	0.00
23.65	0.42	0.42	26.25	0.00	0.00	28.85	0.00	0.00
23.70	0.42	0.42	26.30	0.00	0.00	28.90	0.00	0.00
23.75	0.41	0.41	26.35	0.00	0.00	28.95	0.00	0.00
23.80	0.41	0.41	26.40	0.00	0.00	29.00	0.00	0.00
23.85	0.41	0.41	26.45	0.00	0.00	29.05	0.00	0.00
23.90	0.41	0.41	26.50	0.00	0.00	29.10	0.00	0.00
23.95	0.41	0.41	26.55	0.00	0.00	29.15	0.00	0.00
24.00	0.41	0.41	26.60	0.00	0.00	29.20	0.00	0.00
24.05	0.12	0.12	26.65	0.00	0.00	29.25	0.00	0.00
24.10	0.01	0.01	26.70	0.00	0.00	29.30	0.00	0.00
24.15	0.00	0.00	26.75	0.00	0.00	29.35	0.00	0.00
24.20	0.00	0.00	26.80	0.00	0.00	29.40	0.00	0.00
24.25	0.00	0.00	26.85	0.00	0.00	29.45	0.00	0.00
24.30	0.00	0.00	26.90	0.00	0.00	29.50	0.00	0.00
24.35	0.00	0.00	26.95	0.00	0.00	29.55	0.00	0.00
24.40	0.00	0.00	27.00	0.00	0.00	29.60	0.00	0.00
24.45	0.00	0.00	27.05	0.00	0.00	29.65	0.00	0.00
24.50	0.00	0.00	27.10	0.00	0.00	29.70	0.00	0.00
24.55	0.00	0.00	27.15	0.00	0.00	29.75	0.00	0.00
24.60	0.00	0.00	27.20	0.00	0.00	29.80	0.00	0.00
24.65	0.00	0.00	27.25	0.00	0.00	29.85	0.00	0.00
24.70	0.00	0.00	27.30	0.00	0.00	29.90	0.00	0.00
24.75	0.00	0.00	27.35	0.00	0.00	29.95	0.00	0.00
24.80	0.00	0.00	27.40	0.00	0.00	30.00	0.00	0.00
24.85	0.00	0.00	27.45	0.00	0.00	30.05	0.00	0.00
24.90	0.00	0.00	27.50	0.00	0.00	30.10	0.00	0.00
24.95	0.00	0.00	27.55	0.00	0.00	30.15	0.00	0.00
25.00	0.00	0.00	27.60	0.00	0.00	30.20	0.00	0.00
25.05	0.00	0.00	27.65	0.00	0.00	30.25	0.00	0.00
25.10	0.00	0.00	27.70	0.00	0.00	30.30	0.00	0.00
25.15	0.00	0.00	27.75	0.00	0.00	30.35	0.00	0.00
25.20	0.00	0.00	27.80	0.00	0.00	30.40	0.00	0.00
25.25	0.00	0.00	27.85	0.00	0.00	30.45	0.00	0.00
25.30	0.00	0.00	27.90	0.00	0.00	30.50	0.00	0.00
25.35	0.00	0.00	27.95	0.00	0.00	30.55	0.00	0.00
25.40	0.00	0.00	28.00	0.00	0.00	30.60	0.00	0.00
25.45	0.00	0.00	28.05	0.00	0.00	30.65	0.00	0.00
25.50	0.00	0.00	28.10	0.00	0.00	30.70	0.00	0.00
25.55	0.00	0.00	28.15	0.00	0.00	30.75	0.00	0.00
25.60	0.00	0.00	28.20	0.00	0.00	30.80	0.00	0.00
25.65	0.00	0.00	28.25	0.00	0.00	30.85	0.00	0.00
25.70	0.00	0.00	28.30	0.00	0.00	30.90	0.00	0.00
25.75	0.00	0.00	28.35	0.00	0.00	30.95	0.00	0.00
25.80	0.00	0.00	28.40	0.00	0.00	31.00	0.00	0.00
25.85	0.00	0.00	28.45	0.00	0.00	31.05	0.00	0.00
25.90	0.00	0.00	28.50	0.00	0.00	31.10	0.00	0.00
25.95	0.00	0.00	28.55	0.00	0.00	31.15	0.00	0.00

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
31.20	0.00	0.00	33.80	0.00	0.00	36.40	0.00	0.00
31.25	0.00	0.00	33.85	0.00	0.00	36.45	0.00	0.00
31.30	0.00	0.00	33.90	0.00	0.00	36.50	0.00	0.00
31.35	0.00	0.00	33.95	0.00	0.00	36.55	0.00	0.00
31.40	0.00	0.00	34.00	0.00	0.00	36.60	0.00	0.00
31.45	0.00	0.00	34.05	0.00	0.00	36.65	0.00	0.00
31.50	0.00	0.00	34.10	0.00	0.00	36.70	0.00	0.00
31.55	0.00	0.00	34.15	0.00	0.00	36.75	0.00	0.00
31.60	0.00	0.00	34.20	0.00	0.00	36.80	0.00	0.00
31.65	0.00	0.00	34.25	0.00	0.00	36.85	0.00	0.00
31.70	0.00	0.00	34.30	0.00	0.00	36.90	0.00	0.00
31.75	0.00	0.00	34.35	0.00	0.00	36.95	0.00	0.00
31.80	0.00	0.00	34.40	0.00	0.00	37.00	0.00	0.00
31.85	0.00	0.00	34.45	0.00	0.00	37.05	0.00	0.00
31.90	0.00	0.00	34.50	0.00	0.00	37.10	0.00	0.00
31.95	0.00	0.00	34.55	0.00	0.00	37.15	0.00	0.00
32.00	0.00	0.00	34.60	0.00	0.00	37.20	0.00	0.00
32.05	0.00	0.00	34.65	0.00	0.00	37.25	0.00	0.00
32.10	0.00	0.00	34.70	0.00	0.00	37.30	0.00	0.00
32.15	0.00	0.00	34.75	0.00	0.00	37.35	0.00	0.00
32.20	0.00	0.00	34.80	0.00	0.00	37.40	0.00	0.00
32.25	0.00	0.00	34.85	0.00	0.00	37.45	0.00	0.00
32.30	0.00	0.00	34.90	0.00	0.00	37.50	0.00	0.00
32.35	0.00	0.00	34.95	0.00	0.00	37.55	0.00	0.00
32.40	0.00	0.00	35.00	0.00	0.00	37.60	0.00	0.00
32.45	0.00	0.00	35.05	0.00	0.00	37.65	0.00	0.00
32.50	0.00	0.00	35.10	0.00	0.00	37.70	0.00	0.00
32.55	0.00	0.00	35.15	0.00	0.00	37.75	0.00	0.00
32.60	0.00	0.00	35.20	0.00	0.00	37.80	0.00	0.00
32.65	0.00	0.00	35.25	0.00	0.00	37.85	0.00	0.00
32.70	0.00	0.00	35.30	0.00	0.00	37.90	0.00	0.00
32.75	0.00	0.00	35.35	0.00	0.00	37.95	0.00	0.00
32.80	0.00	0.00	35.40	0.00	0.00	38.00	0.00	0.00
32.85	0.00	0.00	35.45	0.00	0.00	38.05	0.00	0.00
32.90	0.00	0.00	35.50	0.00	0.00	38.10	0.00	0.00
32.95	0.00	0.00	35.55	0.00	0.00	38.15	0.00	0.00
33.00	0.00	0.00	35.60	0.00	0.00	38.20	0.00	0.00
33.05	0.00	0.00	35.65	0.00	0.00	38.25	0.00	0.00
33.10	0.00	0.00	35.70	0.00	0.00	38.30	0.00	0.00
33.15	0.00	0.00	35.75	0.00	0.00	38.35	0.00	0.00
33.20	0.00	0.00	35.80	0.00	0.00	38.40	0.00	0.00
33.25	0.00	0.00	35.85	0.00	0.00	38.45	0.00	0.00
33.30	0.00	0.00	35.90	0.00	0.00	38.50	0.00	0.00
33.35	0.00	0.00	35.95	0.00	0.00	38.55	0.00	0.00
33.40	0.00	0.00	36.00	0.00	0.00	38.60	0.00	0.00
33.45	0.00	0.00	36.05	0.00	0.00	38.65	0.00	0.00
33.50	0.00	0.00	36.10	0.00	0.00	38.70	0.00	0.00
33.55	0.00	0.00	36.15	0.00	0.00	38.75	0.00	0.00
33.60	0.00	0.00	36.20	0.00	0.00	38.80	0.00	0.00
33.65	0.00	0.00	36.25	0.00	0.00	38.85	0.00	0.00
33.70	0.00	0.00	36.30	0.00	0.00	38.90	0.00	0.00
33.75	0.00	0.00	36.35	0.00	0.00	38.95	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
39.00	0.00	0.00	41.60	0.00	0.00	44.20	0.00	0.00
39.05	0.00	0.00	41.65	0.00	0.00	44.25	0.00	0.00
39.10	0.00	0.00	41.70	0.00	0.00	44.30	0.00	0.00
39.15	0.00	0.00	41.75	0.00	0.00	44.35	0.00	0.00
39.20	0.00	0.00	41.80	0.00	0.00	44.40	0.00	0.00
39.25	0.00	0.00	41.85	0.00	0.00	44.45	0.00	0.00
39.30	0.00	0.00	41.90	0.00	0.00	44.50	0.00	0.00
39.35	0.00	0.00	41.95	0.00	0.00	44.55	0.00	0.00
39.40	0.00	0.00	42.00	0.00	0.00	44.60	0.00	0.00
39.45	0.00	0.00	42.05	0.00	0.00	44.65	0.00	0.00
39.50	0.00	0.00	42.10	0.00	0.00	44.70	0.00	0.00
39.55	0.00	0.00	42.15	0.00	0.00	44.75	0.00	0.00
39.60	0.00	0.00	42.20	0.00	0.00	44.80	0.00	0.00
39.65	0.00	0.00	42.25	0.00	0.00	44.85	0.00	0.00
39.70	0.00	0.00	42.30	0.00	0.00	44.90	0.00	0.00
39.75	0.00	0.00	42.35	0.00	0.00	44.95	0.00	0.00
39.80	0.00	0.00	42.40	0.00	0.00	45.00	0.00	0.00
39.85	0.00	0.00	42.45	0.00	0.00	45.05	0.00	0.00
39.90	0.00	0.00	42.50	0.00	0.00	45.10	0.00	0.00
39.95	0.00	0.00	42.55	0.00	0.00	45.15	0.00	0.00
40.00	0.00	0.00	42.60	0.00	0.00	45.20	0.00	0.00
40.05	0.00	0.00	42.65	0.00	0.00	45.25	0.00	0.00
40.10	0.00	0.00	42.70	0.00	0.00	45.30	0.00	0.00
40.15	0.00	0.00	42.75	0.00	0.00	45.35	0.00	0.00
40.20	0.00	0.00	42.80	0.00	0.00	45.40	0.00	0.00
40.25	0.00	0.00	42.85	0.00	0.00	45.45	0.00	0.00
40.30	0.00	0.00	42.90	0.00	0.00	45.50	0.00	0.00
40.35	0.00	0.00	42.95	0.00	0.00	45.55	0.00	0.00
40.40	0.00	0.00	43.00	0.00	0.00	45.60	0.00	0.00
40.45	0.00	0.00	43.05	0.00	0.00	45.65	0.00	0.00
40.50	0.00	0.00	43.10	0.00	0.00	45.70	0.00	0.00
40.55	0.00	0.00	43.15	0.00	0.00	45.75	0.00	0.00
40.60	0.00	0.00	43.20	0.00	0.00	45.80	0.00	0.00
40.65	0.00	0.00	43.25	0.00	0.00	45.85	0.00	0.00
40.70	0.00	0.00	43.30	0.00	0.00	45.90	0.00	0.00
40.75	0.00	0.00	43.35	0.00	0.00	45.95	0.00	0.00
40.80	0.00	0.00	43.40	0.00	0.00	46.00	0.00	0.00
40.85	0.00	0.00	43.45	0.00	0.00	46.05	0.00	0.00
40.90	0.00	0.00	43.50	0.00	0.00	46.10	0.00	0.00
40.95	0.00	0.00	43.55	0.00	0.00	46.15	0.00	0.00
41.00	0.00	0.00	43.60	0.00	0.00	46.20	0.00	0.00
41.05	0.00	0.00	43.65	0.00	0.00	46.25	0.00	0.00
41.10	0.00	0.00	43.70	0.00	0.00	46.30	0.00	0.00
41.15	0.00	0.00	43.75	0.00	0.00	46.35	0.00	0.00
41.20	0.00	0.00	43.80	0.00	0.00	46.40	0.00	0.00
41.25	0.00	0.00	43.85	0.00	0.00	46.45	0.00	0.00
41.30	0.00	0.00	43.90	0.00	0.00	46.50	0.00	0.00
41.35	0.00	0.00	43.95	0.00	0.00	46.55	0.00	0.00
41.40	0.00	0.00	44.00	0.00	0.00	46.60	0.00	0.00
41.45	0.00	0.00	44.05	0.00	0.00	46.65	0.00	0.00
41.50	0.00	0.00	44.10	0.00	0.00	46.70	0.00	0.00
41.55	0.00	0.00	44.15	0.00	0.00	46.75	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

Printed 8/13/2025

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
46.80	0.00	0.00	49.40	0.00	0.00	52.00	0.00	0.00
46.85	0.00	0.00	49.45	0.00	0.00	52.05	0.00	0.00
46.90	0.00	0.00	49.50	0.00	0.00	52.10	0.00	0.00
46.95	0.00	0.00	49.55	0.00	0.00	52.15	0.00	0.00
47.00	0.00	0.00	49.60	0.00	0.00	52.20	0.00	0.00
47.05	0.00	0.00	49.65	0.00	0.00	52.25	0.00	0.00
47.10	0.00	0.00	49.70	0.00	0.00	52.30	0.00	0.00
47.15	0.00	0.00	49.75	0.00	0.00	52.35	0.00	0.00
47.20	0.00	0.00	49.80	0.00	0.00	52.40	0.00	0.00
47.25	0.00	0.00	49.85	0.00	0.00	52.45	0.00	0.00
47.30	0.00	0.00	49.90	0.00	0.00	52.50	0.00	0.00
47.35	0.00	0.00	49.95	0.00	0.00	52.55	0.00	0.00
47.40	0.00	0.00	50.00	0.00	0.00	52.60	0.00	0.00
47.45	0.00	0.00	50.05	0.00	0.00	52.65	0.00	0.00
47.50	0.00	0.00	50.10	0.00	0.00	52.70	0.00	0.00
47.55	0.00	0.00	50.15	0.00	0.00	52.75	0.00	0.00
47.60	0.00	0.00	50.20	0.00	0.00	52.80	0.00	0.00
47.65	0.00	0.00	50.25	0.00	0.00	52.85	0.00	0.00
47.70	0.00	0.00	50.30	0.00	0.00	52.90	0.00	0.00
47.75	0.00	0.00	50.35	0.00	0.00	52.95	0.00	0.00
47.80	0.00	0.00	50.40	0.00	0.00	53.00	0.00	0.00
47.85	0.00	0.00	50.45	0.00	0.00	53.05	0.00	0.00
47.90	0.00	0.00	50.50	0.00	0.00	53.10	0.00	0.00
47.95	0.00	0.00	50.55	0.00	0.00	53.15	0.00	0.00
48.00	0.00	0.00	50.60	0.00	0.00	53.20	0.00	0.00
48.05	0.00	0.00	50.65	0.00	0.00	53.25	0.00	0.00
48.10	0.00	0.00	50.70	0.00	0.00	53.30	0.00	0.00
48.15	0.00	0.00	50.75	0.00	0.00	53.35	0.00	0.00
48.20	0.00	0.00	50.80	0.00	0.00	53.40	0.00	0.00
48.25	0.00	0.00	50.85	0.00	0.00	53.45	0.00	0.00
48.30	0.00	0.00	50.90	0.00	0.00	53.50	0.00	0.00
48.35	0.00	0.00	50.95	0.00	0.00	53.55	0.00	0.00
48.40	0.00	0.00	51.00	0.00	0.00	53.60	0.00	0.00
48.45	0.00	0.00	51.05	0.00	0.00	53.65	0.00	0.00
48.50	0.00	0.00	51.10	0.00	0.00	53.70	0.00	0.00
48.55	0.00	0.00	51.15	0.00	0.00	53.75	0.00	0.00
48.60	0.00	0.00	51.20	0.00	0.00	53.80	0.00	0.00
48.65	0.00	0.00	51.25	0.00	0.00	53.85	0.00	0.00
48.70	0.00	0.00	51.30	0.00	0.00	53.90	0.00	0.00
48.75	0.00	0.00	51.35	0.00	0.00	53.95	0.00	0.00
48.80	0.00	0.00	51.40	0.00	0.00	54.00	0.00	0.00
48.85	0.00	0.00	51.45	0.00	0.00	54.05	0.00	0.00
48.90	0.00	0.00	51.50	0.00	0.00	54.10	0.00	0.00
48.95	0.00	0.00	51.55	0.00	0.00	54.15	0.00	0.00
49.00	0.00	0.00	51.60	0.00	0.00	54.20	0.00	0.00
49.05	0.00	0.00	51.65	0.00	0.00	54.25	0.00	0.00
49.10	0.00	0.00	51.70	0.00	0.00	54.30	0.00	0.00
49.15	0.00	0.00	51.75	0.00	0.00	54.35	0.00	0.00
49.20	0.00	0.00	51.80	0.00	0.00	54.40	0.00	0.00
49.25	0.00	0.00	51.85	0.00	0.00	54.45	0.00	0.00
49.30	0.00	0.00	51.90	0.00	0.00	54.50	0.00	0.00
49.35	0.00	0.00	51.95	0.00	0.00	54.55	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
54.60	0.00	0.00	57.20	0.00	0.00	59.80	0.00	0.00
54.65	0.00	0.00	57.25	0.00	0.00	59.85	0.00	0.00
54.70	0.00	0.00	57.30	0.00	0.00	59.90	0.00	0.00
54.75	0.00	0.00	57.35	0.00	0.00	59.95	0.00	0.00
54.80	0.00	0.00	57.40	0.00	0.00	60.00	0.00	0.00
54.85	0.00	0.00	57.45	0.00	0.00	60.05	0.00	0.00
54.90	0.00	0.00	57.50	0.00	0.00	60.10	0.00	0.00
54.95	0.00	0.00	57.55	0.00	0.00	60.15	0.00	0.00
55.00	0.00	0.00	57.60	0.00	0.00	60.20	0.00	0.00
55.05	0.00	0.00	57.65	0.00	0.00	60.25	0.00	0.00
55.10	0.00	0.00	57.70	0.00	0.00	60.30	0.00	0.00
55.15	0.00	0.00	57.75	0.00	0.00	60.35	0.00	0.00
55.20	0.00	0.00	57.80	0.00	0.00	60.40	0.00	0.00
55.25	0.00	0.00	57.85	0.00	0.00	60.45	0.00	0.00
55.30	0.00	0.00	57.90	0.00	0.00	60.50	0.00	0.00
55.35	0.00	0.00	57.95	0.00	0.00	60.55	0.00	0.00
55.40	0.00	0.00	58.00	0.00	0.00	60.60	0.00	0.00
55.45	0.00	0.00	58.05	0.00	0.00	60.65	0.00	0.00
55.50	0.00	0.00	58.10	0.00	0.00	60.70	0.00	0.00
55.55	0.00	0.00	58.15	0.00	0.00	60.75	0.00	0.00
55.60	0.00	0.00	58.20	0.00	0.00	60.80	0.00	0.00
55.65	0.00	0.00	58.25	0.00	0.00	60.85	0.00	0.00
55.70	0.00	0.00	58.30	0.00	0.00	60.90	0.00	0.00
55.75	0.00	0.00	58.35	0.00	0.00	60.95	0.00	0.00
55.80	0.00	0.00	58.40	0.00	0.00	61.00	0.00	0.00
55.85	0.00	0.00	58.45	0.00	0.00	61.05	0.00	0.00
55.90	0.00	0.00	58.50	0.00	0.00	61.10	0.00	0.00
55.95	0.00	0.00	58.55	0.00	0.00	61.15	0.00	0.00
56.00	0.00	0.00	58.60	0.00	0.00	61.20	0.00	0.00
56.05	0.00	0.00	58.65	0.00	0.00	61.25	0.00	0.00
56.10	0.00	0.00	58.70	0.00	0.00	61.30	0.00	0.00
56.15	0.00	0.00	58.75	0.00	0.00	61.35	0.00	0.00
56.20	0.00	0.00	58.80	0.00	0.00	61.40	0.00	0.00
56.25	0.00	0.00	58.85	0.00	0.00	61.45	0.00	0.00
56.30	0.00	0.00	58.90	0.00	0.00	61.50	0.00	0.00
56.35	0.00	0.00	58.95	0.00	0.00	61.55	0.00	0.00
56.40	0.00	0.00	59.00	0.00	0.00	61.60	0.00	0.00
56.45	0.00	0.00	59.05	0.00	0.00	61.65	0.00	0.00
56.50	0.00	0.00	59.10	0.00	0.00	61.70	0.00	0.00
56.55	0.00	0.00	59.15	0.00	0.00	61.75	0.00	0.00
56.60	0.00	0.00	59.20	0.00	0.00	61.80	0.00	0.00
56.65	0.00	0.00	59.25	0.00	0.00	61.85	0.00	0.00
56.70	0.00	0.00	59.30	0.00	0.00	61.90	0.00	0.00
56.75	0.00	0.00	59.35	0.00	0.00	61.95	0.00	0.00
56.80	0.00	0.00	59.40	0.00	0.00	62.00	0.00	0.00
56.85	0.00	0.00	59.45	0.00	0.00	62.05	0.00	0.00
56.90	0.00	0.00	59.50	0.00	0.00	62.10	0.00	0.00
56.95	0.00	0.00	59.55	0.00	0.00	62.15	0.00	0.00
57.00	0.00	0.00	59.60	0.00	0.00	62.20	0.00	0.00
57.05	0.00	0.00	59.65	0.00	0.00	62.25	0.00	0.00
57.10	0.00	0.00	59.70	0.00	0.00	62.30	0.00	0.00
57.15	0.00	0.00	59.75	0.00	0.00	62.35	0.00	0.00

2025-08-13_Stormwater Calculations NOAA 24-hr D 100-Year-2050 Rainfall=11.52", P2=4.09"

Prepared by Stonefield Engineering & Design

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Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)	Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
62.40	0.00	0.00	65.00	0.00	0.00	67.60	0.00	0.00
62.45	0.00	0.00	65.05	0.00	0.00	67.65	0.00	0.00
62.50	0.00	0.00	65.10	0.00	0.00	67.70	0.00	0.00
62.55	0.00	0.00	65.15	0.00	0.00	67.75	0.00	0.00
62.60	0.00	0.00	65.20	0.00	0.00	67.80	0.00	0.00
62.65	0.00	0.00	65.25	0.00	0.00	67.85	0.00	0.00
62.70	0.00	0.00	65.30	0.00	0.00	67.90	0.00	0.00
62.75	0.00	0.00	65.35	0.00	0.00	67.95	0.00	0.00
62.80	0.00	0.00	65.40	0.00	0.00	68.00	0.00	0.00
62.85	0.00	0.00	65.45	0.00	0.00	68.05	0.00	0.00
62.90	0.00	0.00	65.50	0.00	0.00	68.10	0.00	0.00
62.95	0.00	0.00	65.55	0.00	0.00	68.15	0.00	0.00
63.00	0.00	0.00	65.60	0.00	0.00	68.20	0.00	0.00
63.05	0.00	0.00	65.65	0.00	0.00	68.25	0.00	0.00
63.10	0.00	0.00	65.70	0.00	0.00	68.30	0.00	0.00
63.15	0.00	0.00	65.75	0.00	0.00	68.35	0.00	0.00
63.20	0.00	0.00	65.80	0.00	0.00	68.40	0.00	0.00
63.25	0.00	0.00	65.85	0.00	0.00	68.45	0.00	0.00
63.30	0.00	0.00	65.90	0.00	0.00	68.50	0.00	0.00
63.35	0.00	0.00	65.95	0.00	0.00	68.55	0.00	0.00
63.40	0.00	0.00	66.00	0.00	0.00	68.60	0.00	0.00
63.45	0.00	0.00	66.05	0.00	0.00	68.65	0.00	0.00
63.50	0.00	0.00	66.10	0.00	0.00	68.70	0.00	0.00
63.55	0.00	0.00	66.15	0.00	0.00	68.75	0.00	0.00
63.60	0.00	0.00	66.20	0.00	0.00	68.80	0.00	0.00
63.65	0.00	0.00	66.25	0.00	0.00	68.85	0.00	0.00
63.70	0.00	0.00	66.30	0.00	0.00	68.90	0.00	0.00
63.75	0.00	0.00	66.35	0.00	0.00	68.95	0.00	0.00
63.80	0.00	0.00	66.40	0.00	0.00	69.00	0.00	0.00
63.85	0.00	0.00	66.45	0.00	0.00	69.05	0.00	0.00
63.90	0.00	0.00	66.50	0.00	0.00	69.10	0.00	0.00
63.95	0.00	0.00	66.55	0.00	0.00	69.15	0.00	0.00
64.00	0.00	0.00	66.60	0.00	0.00	69.20	0.00	0.00
64.05	0.00	0.00	66.65	0.00	0.00	69.25	0.00	0.00
64.10	0.00	0.00	66.70	0.00	0.00	69.30	0.00	0.00
64.15	0.00	0.00	66.75	0.00	0.00	69.35	0.00	0.00
64.20	0.00	0.00	66.80	0.00	0.00	69.40	0.00	0.00
64.25	0.00	0.00	66.85	0.00	0.00	69.45	0.00	0.00
64.30	0.00	0.00	66.90	0.00	0.00	69.50	0.00	0.00
64.35	0.00	0.00	66.95	0.00	0.00	69.55	0.00	0.00
64.40	0.00	0.00	67.00	0.00	0.00	69.60	0.00	0.00
64.45	0.00	0.00	67.05	0.00	0.00	69.65	0.00	0.00
64.50	0.00	0.00	67.10	0.00	0.00	69.70	0.00	0.00
64.55	0.00	0.00	67.15	0.00	0.00	69.75	0.00	0.00
64.60	0.00	0.00	67.20	0.00	0.00	69.80	0.00	0.00
64.65	0.00	0.00	67.25	0.00	0.00	69.85	0.00	0.00
64.70	0.00	0.00	67.30	0.00	0.00	69.90	0.00	0.00
64.75	0.00	0.00	67.35	0.00	0.00	69.95	0.00	0.00
64.80	0.00	0.00	67.40	0.00	0.00	70.00	0.00	0.00
64.85	0.00	0.00	67.45	0.00	0.00	70.05	0.00	0.00
64.90	0.00	0.00	67.50	0.00	0.00	70.10	0.00	0.00
64.95	0.00	0.00	67.55	0.00	0.00	70.15	0.00	0.00

Primary Comparison (continued)

Time (hours)	Subcat E-2 (cfs)	Subcat P-2 (cfs)
70.20	0.00	0.00
70.25	0.00	0.00
70.30	0.00	0.00
70.35	0.00	0.00
70.40	0.00	0.00
70.45	0.00	0.00
70.50	0.00	0.00
70.55	0.00	0.00
70.60	0.00	0.00
70.65	0.00	0.00
70.70	0.00	0.00
70.75	0.00	0.00
70.80	0.00	0.00
70.85	0.00	0.00
70.90	0.00	0.00
70.95	0.00	0.00
71.00	0.00	0.00
71.05	0.00	0.00
71.10	0.00	0.00
71.15	0.00	0.00
71.20	0.00	0.00
71.25	0.00	0.00
71.30	0.00	0.00
71.35	0.00	0.00
71.40	0.00	0.00
71.45	0.00	0.00
71.50	0.00	0.00
71.55	0.00	0.00
71.60	0.00	0.00
71.65	0.00	0.00
71.70	0.00	0.00
71.75	0.00	0.00
71.80	0.00	0.00
71.85	0.00	0.00
71.90	0.00	0.00
71.95	0.00	0.00
72.00	0.00	0.00



EXISTING DRAINAGE AREAS PLAN

Sheet DA-1

PROPOSED SITE IMPROVEMENTS

MONTCLAIR STABLES

TAX LOTS 176, 179 & 186 BLOCK 152.02

TAX MAP SHEET 77

THE TOWNSHIP OF WEST ORANGE

ESSEX COUNTY, NEW JERSEY

Cunningham Engineering & Design, PLLC

Subordinate of Subordination, No. 219,412,201,000

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AUGUST 20, 2025

ORIGINAL DWG. DATE

ROBERT M. CUNNINGHAM

PROFESSIONAL ENGINEER, N.J. LICENSE GE31340

