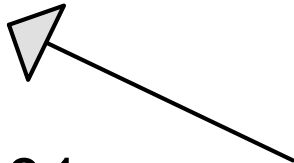
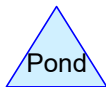
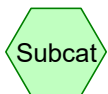




Discharge 001



UNDETAINED-PROPOSED
001



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Area Listing (selected nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.960	61	>75% Grass cover, Good, HSG B (47S)
0.960	61	TOTAL AREA

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Post Total Only
Type II 24-hr 2-Year Rainfall=3.36"

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Summary for Subcatchment 47S: UNDETAINED-PROPOSED 001

Runoff = 0.45 cfs @ 12.11 hrs, Volume= 0.041 af, Depth= 0.51"
Routed to Link 37L : Discharge 001

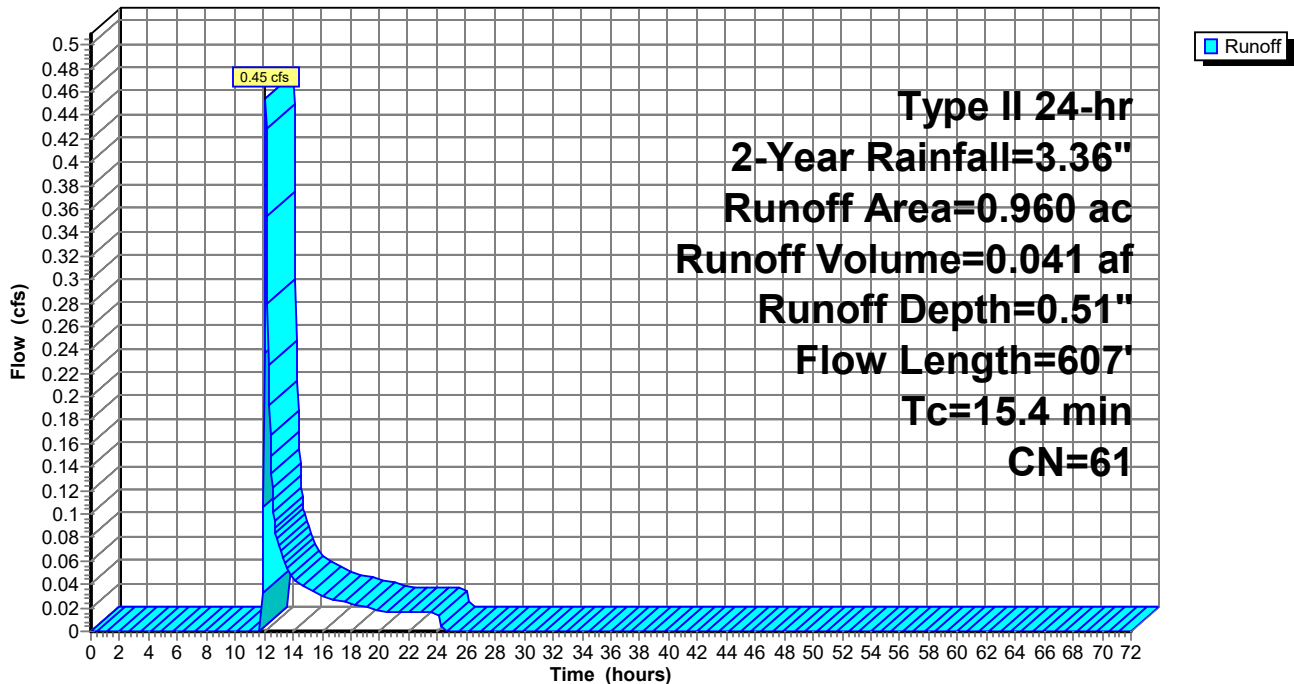
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-Year Rainfall=3.36"

Area (ac)	CN	Description
0.960	61	>75% Grass cover, Good, HSG B
0.960		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.7	150	0.0800	0.32		Sheet Flow, Grass: Short n= 0.150 P2= 3.23"
7.7	457	0.0200	0.99		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
15.4	607	Total			

Subcatchment 47S: UNDETAINED-PROPOSED 001

Hydrograph



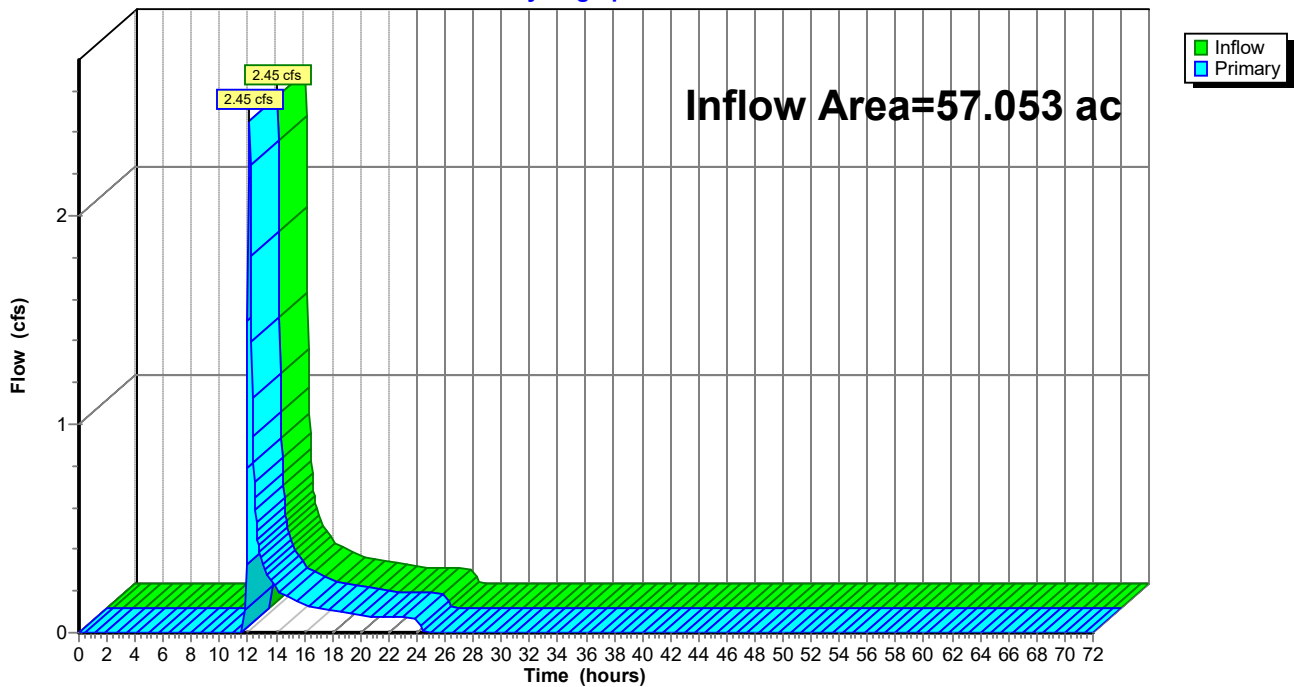
Summary for Link 37L: Discharge 001

Inflow Area = 57.053 ac, 50.73% Impervious, Inflow Depth = 0.04" for 2-Year event
Inflow = 2.45 cfs @ 12.10 hrs, Volume= 0.200 af
Primary = 2.45 cfs @ 12.10 hrs, Volume= 0.200 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs

Link 37L: Discharge 001

Hydrograph



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Type II 24-hr 10-Year Rainfall=5.28"

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Summary for Subcatchment 47S: UNDETAINED-PROPOSED 001

Runoff = 1.76 cfs @ 12.09 hrs, Volume= 0.123 af, Depth= 1.54"
Routed to Link 37L : Discharge 001

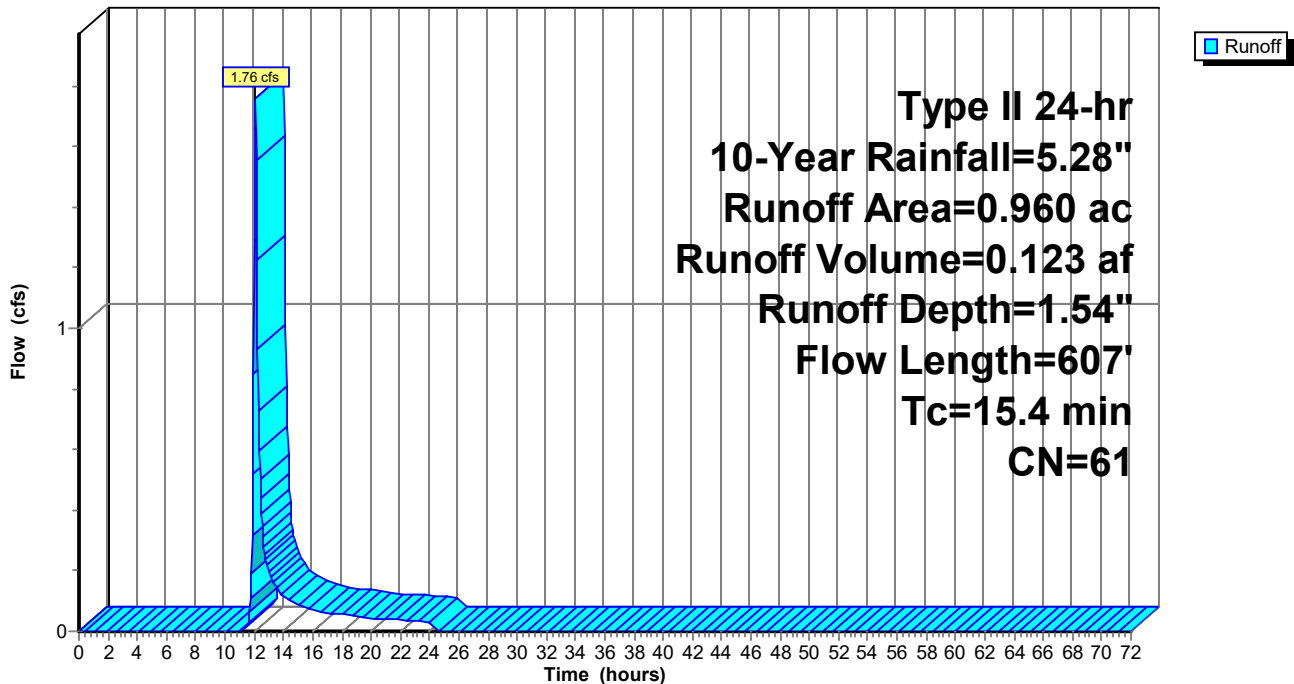
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-Year Rainfall=5.28"

Area (ac)	CN	Description
0.960	61	>75% Grass cover, Good, HSG B
0.960		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.7	150	0.0800	0.32		Sheet Flow, Grass: Short n= 0.150 P2= 3.23"
7.7	457	0.0200	0.99		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
15.4	607	Total			

Subcatchment 47S: UNDETAINED-PROPOSED 001

Hydrograph



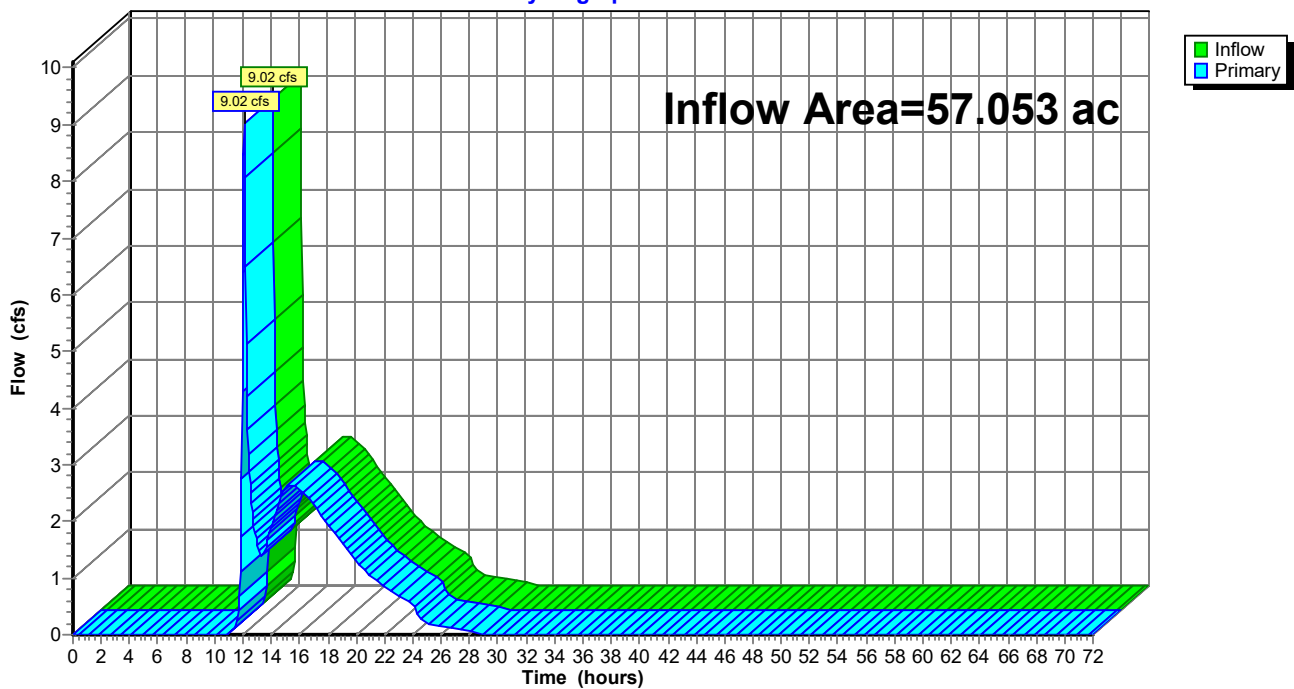
Summary for Link 37L: Discharge 001

Inflow Area = 57.053 ac, 50.73% Impervious, Inflow Depth = 0.40" for 10-Year event
Inflow = 9.02 cfs @ 12.09 hrs, Volume= 1.906 af
Primary = 9.02 cfs @ 12.09 hrs, Volume= 1.906 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs

Link 37L: Discharge 001

Hydrograph



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 Type II 24-hr 50-Year Rainfall=7.20"

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Summary for Subcatchment 47S: UNDETAINED-PROPOSED 001

Runoff = 3.41 cfs @ 12.08 hrs, Volume= 0.228 af, Depth= 2.85"
 Routed to Link 37L : Discharge 001

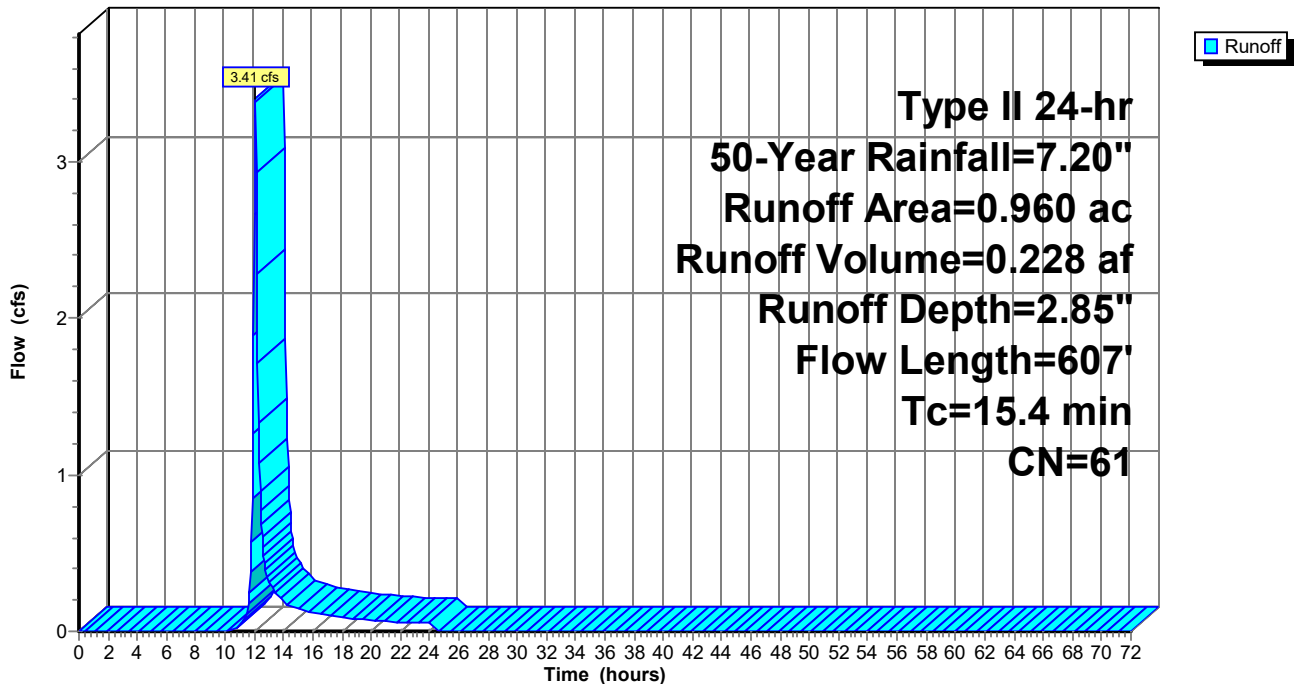
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
 Type II 24-hr 50-Year Rainfall=7.20"

Area (ac)	CN	Description
0.960	61	>75% Grass cover, Good, HSG B
0.960		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.7	150	0.0800	0.32		Sheet Flow, Grass: Short n= 0.150 P2= 3.23"
7.7	457	0.0200	0.99		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
15.4	607	Total			

Subcatchment 47S: UNDETAINED-PROPOSED 001

Hydrograph



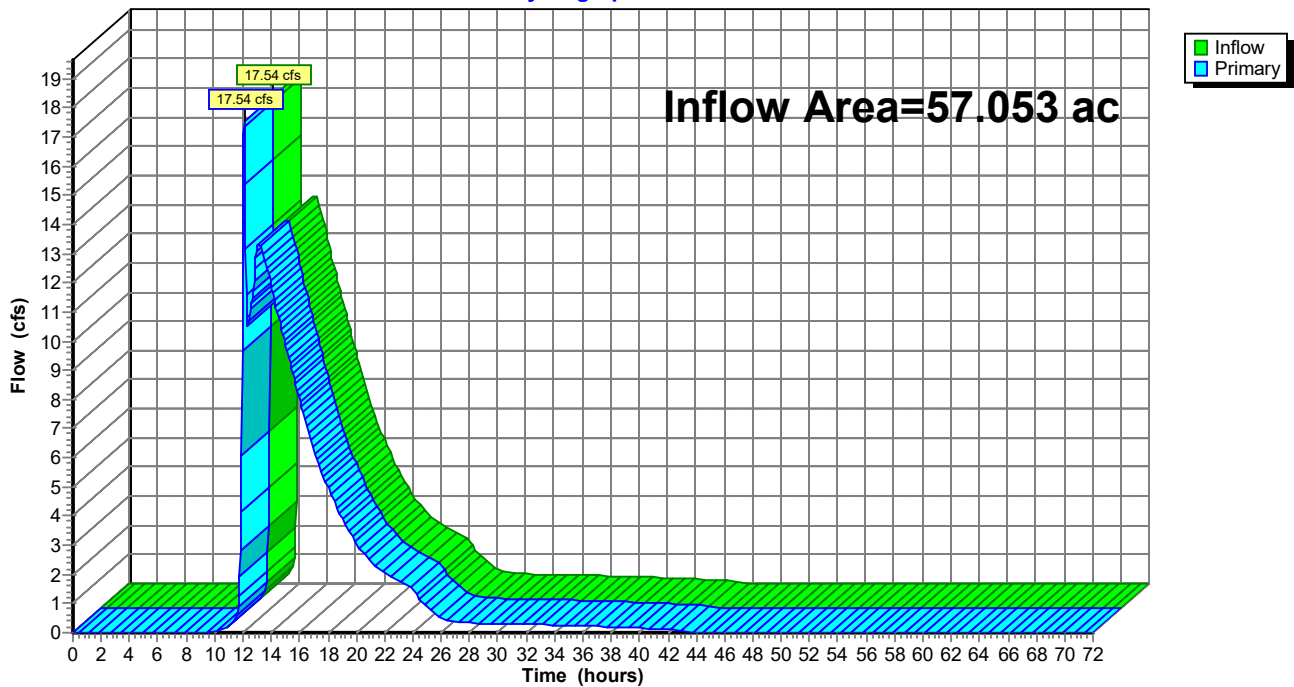
Summary for Link 37L: Discharge 001

Inflow Area = 57.053 ac, 50.73% Impervious, Inflow Depth = 1.43" for 50-Year event
Inflow = 17.54 cfs @ 12.08 hrs, Volume= 6.806 af
Primary = 17.54 cfs @ 12.08 hrs, Volume= 6.806 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs

Link 37L: Discharge 001

Hydrograph



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Type II 24-hr 100-Year Rainfall=8.40"

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Summary for Subcatchment 47S: UNDETAINED-PROPOSED 001

Runoff = 4.54 cfs @ 12.08 hrs, Volume= 0.300 af, Depth= 3.75"
Routed to Link 37L : Discharge 001

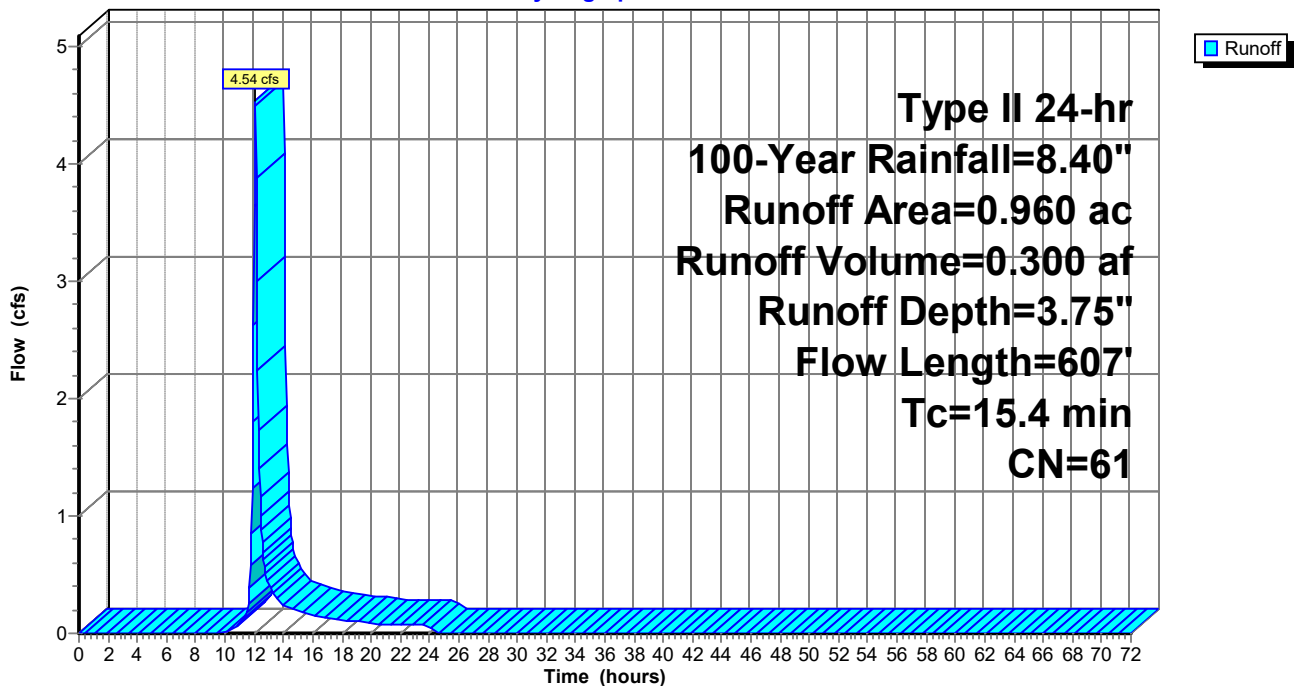
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-Year Rainfall=8.40"

Area (ac)	CN	Description
0.960	61	>75% Grass cover, Good, HSG B
0.960		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.7	150	0.0800	0.32		Sheet Flow, Grass: Short n= 0.150 P2= 3.23"
7.7	457	0.0200	0.99		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
15.4	607	Total			

Subcatchment 47S: UNDETAINED-PROPOSED 001

Hydrograph



Summary for Link 37L: Discharge 001

Inflow Area = 57.053 ac, 50.73% Impervious, Inflow Depth = 2.17" for 100-Year event
Inflow = 25.39 cfs @ 12.12 hrs, Volume= 10.335 af
Primary = 25.39 cfs @ 12.12 hrs, Volume= 10.335 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs

Link 37L: Discharge 001

Hydrograph

