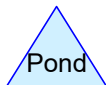
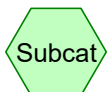




PROPOSED-UNDETAINED RUNOFF TO 003



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Area Listing (selected nodes)

Area (acres)	CN	Description (subcatchment-numbers)
3.270	61	>75% Grass cover, Good, HSG B (40S)
2.620	55	Woods, Good, HSG B (40S)
5.890	58	TOTAL AREA

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Total Tributary Area to 003
Type II 24-hr 2-Year Rainfall=3.36"

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Summary for Subcatchment 40S: PROPOSED-UNDETAINED RUNOFF TO 003

Runoff = 1.14 cfs @ 12.35 hrs, Volume= 0.196 af, Depth= 0.40"

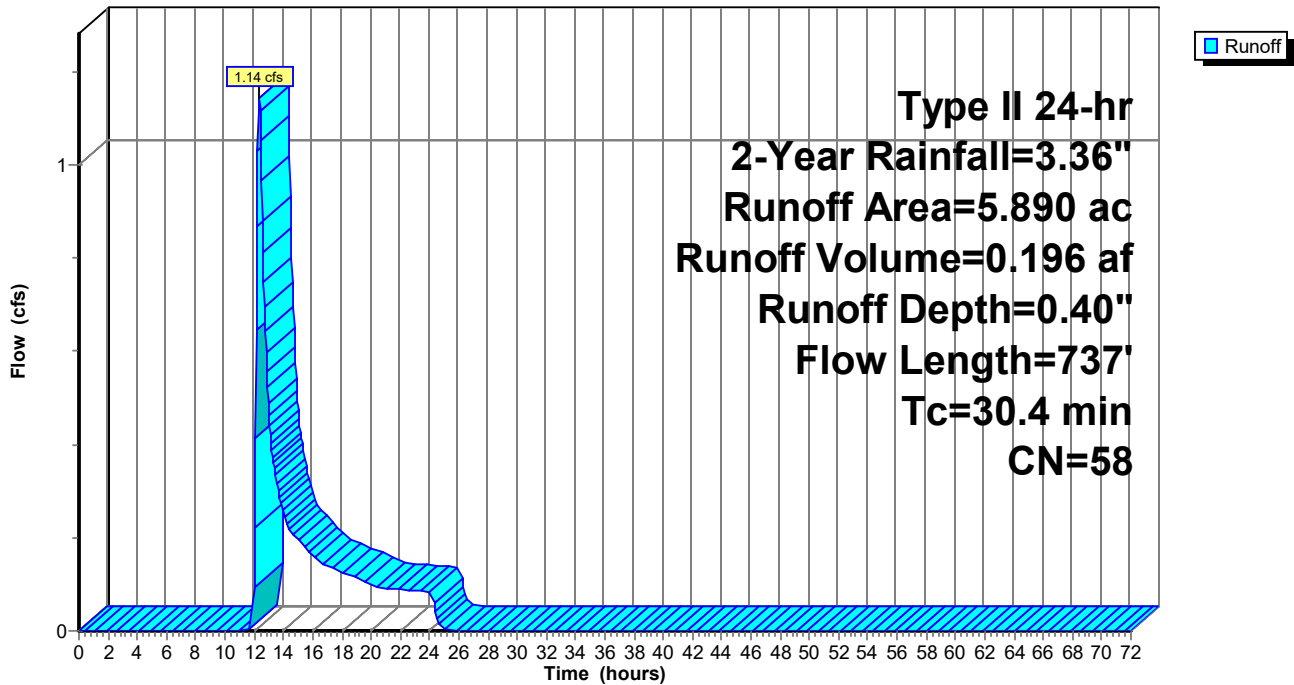
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-Year Rainfall=3.36"

Area (ac)	CN	Description
2.620	55	Woods, Good, HSG B
3.270	61	>75% Grass cover, Good, HSG B
5.890	58	Weighted Average
5.890		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.8	150	0.0100	0.14		Sheet Flow, Grass: Short n= 0.150 P2= 3.23"
12.6	587	0.0240	0.77		Shallow Concentrated Flow, Woodland Kv= 5.0 fps
30.4	737	Total			

Subcatchment 40S: PROPOSED-UNDETAINED RUNOFF TO 003

Hydrograph



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Total Tributary Area to 003
Type II 24-hr 10-Year Rainfall=5.28"

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Summary for Subcatchment 40S: PROPOSED-UNDETAINED RUNOFF TO 003

Runoff = 5.77 cfs @ 12.28 hrs, Volume= 0.651 af, Depth= 1.33"

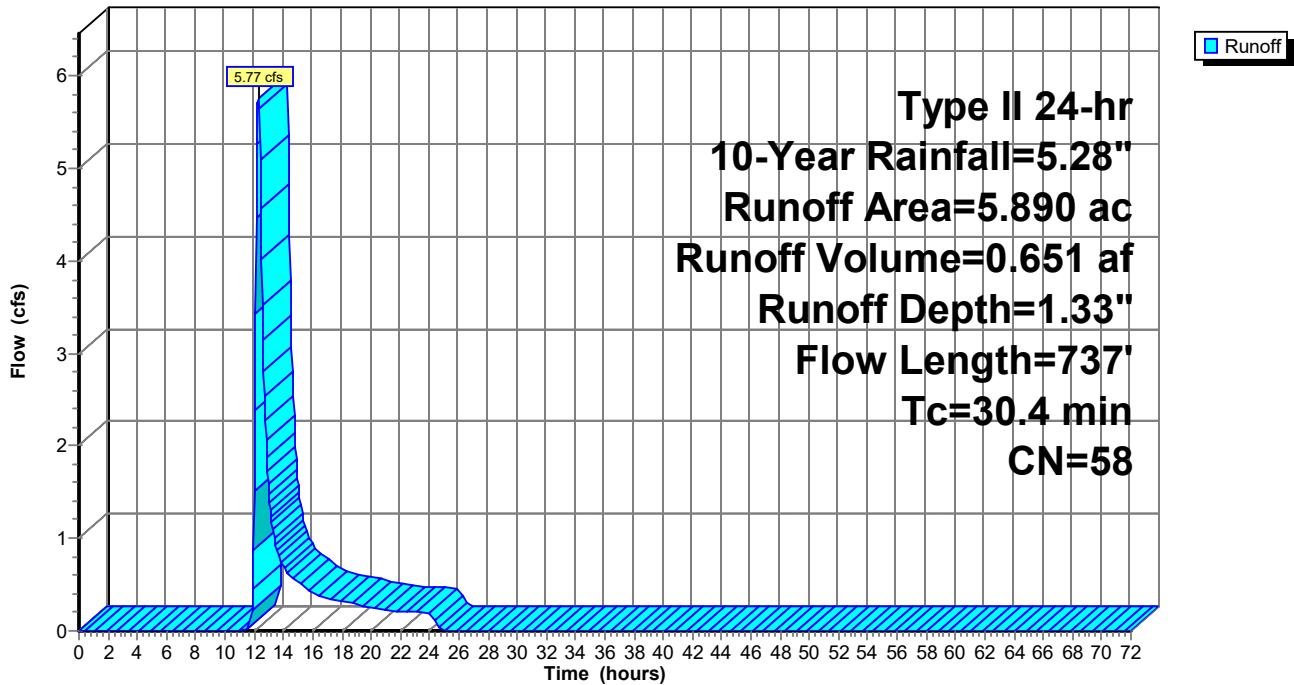
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-Year Rainfall=5.28"

Area (ac)	CN	Description
2.620	55	Woods, Good, HSG B
3.270	61	>75% Grass cover, Good, HSG B
5.890	58	Weighted Average
5.890		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.8	150	0.0100	0.14		Sheet Flow, Grass: Short n= 0.150 P2= 3.23"
12.6	587	0.0240	0.77		Shallow Concentrated Flow, Woodland Kv= 5.0 fps
30.4	737	Total			

Subcatchment 40S: PROPOSED-UNDETAINED RUNOFF TO 003

Hydrograph



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Total Tributary Area to 003
Type II 24-hr 50-Year Rainfall=7.20"

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Summary for Subcatchment 40S: PROPOSED-UNDETAINED RUNOFF TO 003

Runoff = 12.21 cfs @ 12.27 hrs, Volume= 1.250 af, Depth= 2.55"

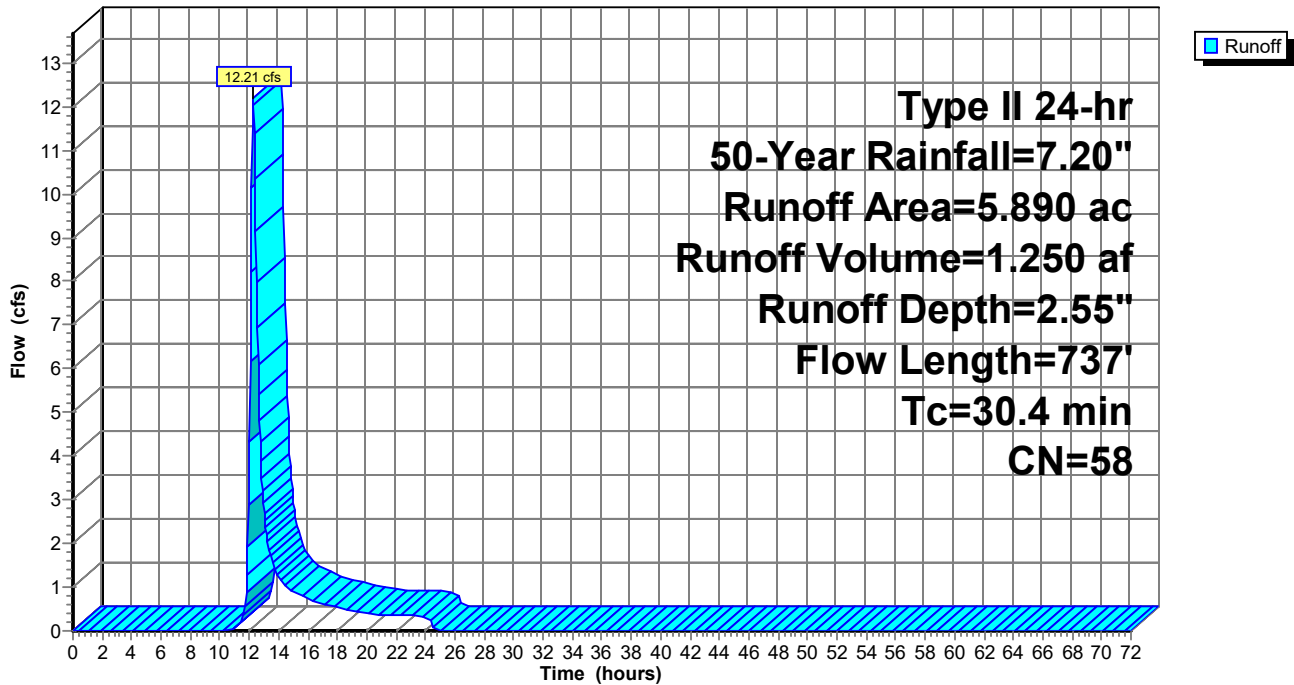
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 50-Year Rainfall=7.20"

Area (ac)	CN	Description
2.620	55	Woods, Good, HSG B
3.270	61	>75% Grass cover, Good, HSG B
5.890	58	Weighted Average
5.890		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.8	150	0.0100	0.14		Sheet Flow, Grass: Short n= 0.150 P2= 3.23"
12.6	587	0.0240	0.77		Shallow Concentrated Flow, Woodland Kv= 5.0 fps
30.4	737	Total			

Subcatchment 40S: PROPOSED-UNDETAINED RUNOFF TO 003

Hydrograph



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Total Tributary Area to 003
Type II 24-hr 100-Year Rainfall=8.40"

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Summary for Subcatchment 40S: PROPOSED-UNDETAINED RUNOFF TO 003

Runoff = 16.71 cfs @ 12.26 hrs, Volume= 1.671 af, Depth= 3.40"

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
2.620	55	Woods, Good, HSG B
3.270	61	>75% Grass cover, Good, HSG B
5.890	58	Weighted Average
5.890		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.8	150	0.0100	0.14		Sheet Flow, Grass: Short n= 0.150 P2= 3.23"
12.6	587	0.0240	0.77		Shallow Concentrated Flow, Woodland Kv= 5.0 fps
30.4	737	Total			

Subcatchment 40S: PROPOSED-UNDETAINED RUNOFF TO 003

Hydrograph

