[5/30/2024 12:52:28]

 threads=-1

 batch=14 of 36

 exe=C:\Program Files\Icpr4.07.04\I4Model.exe

 nextsim=C:\Work Space\norton\Scenarios\Sc67\Simulations\Si70\

[5/30/2024 12:52:28] C:\Work Space\norton\Scenarios\Sc67\Simulations\Si76\echo.i4p

[5/30/2024 12:52:29] Reading Simulation

[5/30/2024 12:52:29] Simulation=100YR24HR-2.36ft

[5/30/2024 12:52:29] RunMode=0

[5/30/2024 12:52:29] HotStart=0

[5/30/2024 12:52:29] SaveRestart=0

[5/30/2024 12:52:29] StartYear=0

[5/30/2024 12:52:29] StartMonth=0

[5/30/2024 12:52:29] StartDay=0

[5/30/2024 12:52:29] StartHour=0.000

[5/30/2024 12:52:29] EndYear=0

[5/30/2024 12:52:29] EndMonth=0

[5/30/2024 12:52:29] EndDay=0

[5/30/2024 12:52:29] EndHour=30.000

[5/30/2024 12:52:29] HotstartYear=0

[5/30/2024 12:52:29] HotstartMonth=0

[5/30/2024 12:52:29] HotstartDay=0

[5/30/2024 12:52:29] HotstartHour=0.000

[5/30/2024 12:52:29] MinCalc\_Hydrology=60.000

[5/30/2024 12:52:29] MinCalc\_Hydraulics=0.100

[5/30/2024 12:52:29] MaxCalc\_Hydraulics=30.000

[5/30/2024 12:52:29] MinCalc\_Groundwater=900.000

[5/30/2024 12:52:29] RainfallSet=

[5/30/2024 12:52:29] RefETSet=

[5/30/2024 12:52:29] UnitHydSet=

[5/30/2024 12:52:29] BndStageSet=2.36ft

[5/30/2024 12:52:29] ExHydSet=

[5/30/2024 12:52:29] CurveNumSet=

[5/30/2024 12:52:29] GreenAmptSet=

[5/30/2024 12:52:29] VertLayerSet=

[5/30/2024 12:52:29] ImpervSet=

[5/30/2024 12:52:30] RoughnessSet=

[5/30/2024 12:52:30] CropCoefSet=

[5/30/2024 12:52:30] PorosSet=

[5/30/2024 12:52:30] ConductSet=

[5/30/2024 12:52:30] LeakageSet=

[5/30/2024 12:52:30] TimeMarching=0

[5/30/2024 12:52:30] MaxIterations=6

[5/30/2024 12:52:30] OverRelaxWeightFactor=0.500

[5/30/2024 12:52:30] dZTolerance=0.001

[5/30/2024 12:52:30] MaxdZ=1.000

[5/30/2024 12:52:30] LinkOptTol=0.000

[5/30/2024 12:52:30] EdgeLengthOpt=0

[5/30/2024 12:52:30] EdgeLengthFactor=0.667

[5/30/2024 12:52:30] DefaultDampThresh2d=0.005

[5/30/2024 12:52:30] MinSurfArea2d=100.000

[5/30/2024 12:52:30] EnergySwitch2d=1

[5/30/2024 12:52:30] IaTime=24.000

[5/30/2024 12:52:30] IncludeETManBasns=0

[5/30/2024 12:52:30] VertLayerSoln=0

[5/30/2024 12:52:30] RainOptManBasns=1

[5/30/2024 12:52:30] RainOptOF=1

[5/30/2024 12:52:30] RainName=~FLMOD

[5/30/2024 12:52:30] RainAmount=12.300

[5/30/2024 12:52:30] StormDur=24.000

[5/30/2024 12:52:30] DefaultDampThresh1D=0.005

[5/30/2024 12:52:30] MinNodeSurfArea1D=100.000

[5/30/2024 12:52:30] EnergySwitch1D=1

[5/30/2024 12:52:30] Comment=

[5/30/2024 12:52:31] 7 threads [8 cores detected]

[5/30/2024 12:52:31] SolutionMethod=SAOR

[5/30/2024 12:52:31] No \_ET.TXT

[5/30/2024 12:52:31] No \_EV.TXT

[5/30/2024 12:52:31] Reading Operating Tables

[5/30/2024 12:52:31] Reading Cross Sections

[5/30/2024 12:52:32] Reading 1D Nodes

[5/30/2024 12:52:32] Reading Overland Flow Nodes

[5/30/2024 12:52:32] Reading 1D Channels

[5/30/2024 12:52:32] Setting up channel ghost nodes

[5/30/2024 12:52:32] Reading Pipes

[5/30/2024 12:52:32] Reading Rating Curves

[5/30/2024 12:52:32] Reading Weirs

[5/30/2024 12:52:32] Reading Drop Structures

[5/30/2024 12:52:32] Reading Breaches

[5/30/2024 12:52:32] Reading Percs

[5/30/2024 12:52:32] Reading Overland Flow Channels

[5/30/2024 12:52:32] Reading Overland Flow Weirs

[5/30/2024 12:52:32] Setting up ghost nodes

[5/30/2024 12:52:33] Reading Manual Basins

[5/30/2024 12:52:33] Reading Overland Flow Basins

[5/30/2024 12:52:33] Sorting basins

[5/30/2024 12:52:33] Reading Basin Features

[5/30/2024 12:52:33] Reading Groundwater

[5/30/2024 12:52:33] Hooking groundwater up to overland flow meshes

[5/30/2024 12:52:33] Initializing threads

[5/30/2024 12:52:33] Build Complete

[5/30/2024 12:52:33] Total basin area=32.268

[5/30/2024 12:52:33] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/30/2024 12:52:33]

[5/30/2024 12:52:33] --- Hydrology Counts -----------------------------------------------

[5/30/2024 12:52:33] Total Basin = 41

[5/30/2024 12:52:34] Direct Basin = 0

[5/30/2024 12:52:34] Manual NRCS Basin = 0

[5/30/2024 12:52:34] Manual SB Basin = 0

[5/30/2024 12:52:34] Mapped NRCS Basin = 0

[5/30/2024 12:52:34] Mapped SB Basin = 0

[5/30/2024 12:52:34] Simple NRCS Basin = 41

[5/30/2024 12:52:34] Simple SB Basin = 0

[5/30/2024 12:52:34] Total Basin Polygon = 41

[5/30/2024 12:52:34] Manual Basin Polygon = 0

[5/30/2024 12:52:34] Mapped Basin Polygon = 0

[5/30/2024 12:52:34] 2D Basin Polygon = 0

[5/30/2024 12:52:34] Crop = 0

[5/30/2024 12:52:34] Reference ET = 0

[5/30/2024 12:52:34] Rainfall = 1

[5/30/2024 12:52:34] Green Ampt Parameter = 0

[5/30/2024 12:52:34] Vert Layer Parameter = 0

[5/30/2024 12:52:35] Curve Number Parameter = 42

[5/30/2024 12:52:35] Imperviousness = 42

[5/30/2024 12:52:35]

[5/30/2024 12:52:35] --- Routing Counts -------------------------------------------------

[5/30/2024 12:52:35] Region = 0

[5/30/2024 12:52:35] Total Node = 69

[5/30/2024 12:52:35] 1D Stage Area = 65

[5/30/2024 12:52:35] 1D Time Stage = 4

[5/30/2024 12:52:35] 1D Drop Nodes = 0

[5/30/2024 12:52:35] 2D Stage Area = 0

[5/30/2024 12:52:35] 2D Time Stage = 0

[5/30/2024 12:52:35] 2D Pond Ghost = 0

[5/30/2024 12:52:35] 2D Chan Ghost = 0

[5/30/2024 12:52:35] 1D/2D Node Interfaces = 0

[5/30/2024 12:52:35] 1D/2D Injection Wells = 0

[5/30/2024 12:52:36] Total Link = 124

[5/30/2024 12:52:36] 1D Pipe = 40

[5/30/2024 12:52:36] 1D Drop Structure = 2

[5/30/2024 12:52:36] 1D French Drain = 0

[5/30/2024 12:52:36] 1D Channel = 0

[5/30/2024 12:52:36] 2D Channel = 0

[5/30/2024 12:52:36] 1D Weir = 78

[5/30/2024 12:52:36] 1D Drop Weir = 2

[5/30/2024 12:52:36] 2D Weir = 0

[5/30/2024 12:52:36] 1D Rating Curve = 2

[5/30/2024 12:52:37] 1D Percolation = 0

[5/30/2024 12:52:37] Cross Section = 56

[5/30/2024 12:52:37] Operating Table = 2

[5/30/2024 12:52:37]

[5/30/2024 12:52:37] --- Groundwater Counts ---------------------------------------------

[5/30/2024 12:52:37] Region = 0

[5/30/2024 12:52:37] Triangle = 0

[5/30/2024 12:52:37] Vertex = 0

[5/30/2024 12:52:37] Midpoint = 0

[5/30/2024 12:52:37] --------------------------------------------------------------------

[5/30/2024 12:52:37]

[5/30/2024 12:52:37] Processing Initial Link Flows...

[5/30/2024 12:52:37] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 12:52:37] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:38] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:38] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:38] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:38] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:38] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:38] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:52:39] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:52:39] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:39] Node N-S05 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:39] Node N-S07 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:39] Node N-S08 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:39] Node N-S12 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:50] Node N-S11 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:51] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:51] Node N-S04 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:51] Node N-S03 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:51] Node N-S01 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:51] Node N-S02 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:51] Node N-S06 caused a revert (this will only be logged once per node)

[5/30/2024 12:52:58] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:53:01] Node N-S01A caused a revert (this will only be logged once per node)

[5/30/2024 12:53:01] Node N-S02A caused a revert (this will only be logged once per node)

[5/30/2024 12:53:20] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:53:20] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:53:20] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:53:21] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:53:47] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:53:47] Node N-JA-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:53:47] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:53:47] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:54:01] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:54:01] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:54:01] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:54:17] Conduit Optimizer Total Count=25937432 of 31765040

[5/30/2024 12:54:17] PC busted 47 of 381158

[5/30/2024 12:54:17] Average Iterations was 1.083

[5/30/2024 12:54:17] Average dt was 0.29538 sec

[5/30/2024 12:54:17] Revert count=15524

[5/30/2024 12:54:17]

[5/30/2024 12:54:17] ---- Timers -----------------------------

[5/30/2024 12:54:17] Total Time=99.602 sec

[5/30/2024 12:54:17] Basin Time=0.046 sec

[5/30/2024 12:54:17] BasinPoly Time=0.008 sec

[5/30/2024 12:54:18] Node Time=3.212 sec

[5/30/2024 12:54:18] Link Time=88.982 sec

[5/30/2024 12:54:18] Hydrology Output Time=0.840 sec

[5/30/2024 12:54:18] Groundwater Output Time=0.123 sec

[5/30/2024 12:54:18] Routing Output Time=1.577 sec

[5/30/2024 12:54:18] --- Thread Timers --------------------

[5/30/2024 12:54:18] Thread[0] Basin Time=0.028 sec

[5/30/2024 12:54:18] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 12:54:18] Thread[0] Node Time=1.579 sec

[5/30/2024 12:54:18] Thread[0] Link Time=68.450 sec

[5/30/2024 12:54:18] --- Thread Timers --------------------

[5/30/2024 12:54:18] Thread[1] Basin Time=0.017 sec

[5/30/2024 12:54:19] Thread[1] BasinPoly Time=0.002 sec

[5/30/2024 12:54:19] Thread[1] Node Time=1.644 sec

[5/30/2024 12:54:19] Thread[1] Link Time=66.125 sec

[5/30/2024 12:54:19] --- Thread Timers --------------------

[5/30/2024 12:54:19] Thread[2] Basin Time=0.019 sec

[5/30/2024 12:54:19] Thread[2] BasinPoly Time=0.002 sec

[5/30/2024 12:54:19] Thread[2] Node Time=1.635 sec

[5/30/2024 12:54:19] Thread[2] Link Time=51.818 sec

[5/30/2024 12:54:19] --- Thread Timers --------------------

[5/30/2024 12:54:19] Thread[3] Basin Time=0.034 sec

[5/30/2024 12:54:19] Thread[3] BasinPoly Time=0.002 sec

[5/30/2024 12:54:19] Thread[3] Node Time=1.686 sec

[5/30/2024 12:54:20] Thread[3] Link Time=58.997 sec

[5/30/2024 12:54:20] --- Thread Timers --------------------

[5/30/2024 12:54:20] Thread[4] Basin Time=0.017 sec

[5/30/2024 12:54:20] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 12:54:20] Thread[4] Node Time=1.513 sec

[5/30/2024 12:54:20] Thread[4] Link Time=61.087 sec

[5/30/2024 12:54:20] --- Thread Timers --------------------

[5/30/2024 12:54:20] Thread[5] Basin Time=0.020 sec

[5/30/2024 12:54:21] Thread[5] BasinPoly Time=0.002 sec

[5/30/2024 12:54:21] Thread[5] Node Time=1.583 sec

[5/30/2024 12:54:21] Thread[5] Link Time=57.940 sec

[5/30/2024 12:54:21] --- Thread Timers --------------------

[5/30/2024 12:54:21] Thread[6] Basin Time=0.016 sec

[5/30/2024 12:54:21] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 12:54:21] Thread[6] Node Time=1.468 sec

[5/30/2024 12:54:21] Thread[6] Link Time=72.910 sec