[5/30/2024 13:12:13]

 threads=-1

 batch=30 of 36

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

 nextsim=C:\Work Space\norton\Scenarios\Sc32\Simulations\Si34\

[5/30/2024 13:12:13] C:\Work Space\norton\Scenarios\Sc32\Simulations\Si51\echo.i4p

[5/30/2024 13:12:13] Reading Simulation

[5/30/2024 13:12:13] Simulation=2.33YR24HR-2.36ft

[5/30/2024 13:12:13] RunMode=0

[5/30/2024 13:12:13] HotStart=0

[5/30/2024 13:12:13] SaveRestart=0

[5/30/2024 13:12:13] StartYear=0

[5/30/2024 13:12:13] StartMonth=0

[5/30/2024 13:12:13] StartDay=0

[5/30/2024 13:12:13] StartHour=0.000

[5/30/2024 13:12:13] EndYear=0

[5/30/2024 13:12:14] EndMonth=0

[5/30/2024 13:12:14] EndDay=0

[5/30/2024 13:12:14] EndHour=48.000

[5/30/2024 13:12:14] HotstartYear=0

[5/30/2024 13:12:14] HotstartMonth=0

[5/30/2024 13:12:14] HotstartDay=0

[5/30/2024 13:12:14] HotstartHour=0.000

[5/30/2024 13:12:14] MinCalc\_Hydrology=60.000

[5/30/2024 13:12:14] MinCalc\_Hydraulics=0.100

[5/30/2024 13:12:14] MaxCalc\_Hydraulics=30.000

[5/30/2024 13:12:14] MinCalc\_Groundwater=900.000

[5/30/2024 13:12:14] RainfallSet=

[5/30/2024 13:12:14] RefETSet=

[5/30/2024 13:12:14] UnitHydSet=

[5/30/2024 13:12:14] BndStageSet=2.36ft

[5/30/2024 13:12:14] ExHydSet=

[5/30/2024 13:12:14] CurveNumSet=

[5/30/2024 13:12:14] GreenAmptSet=

[5/30/2024 13:12:14] VertLayerSet=

[5/30/2024 13:12:14] ImpervSet=

[5/30/2024 13:12:14] RoughnessSet=

[5/30/2024 13:12:14] CropCoefSet=

[5/30/2024 13:12:14] PorosSet=

[5/30/2024 13:12:14] ConductSet=

[5/30/2024 13:12:14] LeakageSet=

[5/30/2024 13:12:14] TimeMarching=0

[5/30/2024 13:12:14] MaxIterations=6

[5/30/2024 13:12:14] OverRelaxWeightFactor=0.500

[5/30/2024 13:12:14] dZTolerance=0.001

[5/30/2024 13:12:14] MaxdZ=1.000

[5/30/2024 13:12:14] LinkOptTol=0.000

[5/30/2024 13:12:15] EdgeLengthOpt=0

[5/30/2024 13:12:15] EdgeLengthFactor=0.667

[5/30/2024 13:12:15] DefaultDampThresh2d=0.005

[5/30/2024 13:12:15] MinSurfArea2d=100.000

[5/30/2024 13:12:15] EnergySwitch2d=1

[5/30/2024 13:12:15] IaTime=24.000

[5/30/2024 13:12:15] IncludeETManBasns=0

[5/30/2024 13:12:15] VertLayerSoln=0

[5/30/2024 13:12:15] RainOptManBasns=1

[5/30/2024 13:12:15] RainOptOF=1

[5/30/2024 13:12:15] RainName=~FLMOD

[5/30/2024 13:12:15] RainAmount=4.820

[5/30/2024 13:12:15] StormDur=24.000

[5/30/2024 13:12:15] DefaultDampThresh1D=0.005

[5/30/2024 13:12:15] MinNodeSurfArea1D=100.000

[5/30/2024 13:12:15] EnergySwitch1D=1

[5/30/2024 13:12:15] Comment=

[5/30/2024 13:12:15] 7 threads [8 cores detected]

[5/30/2024 13:12:15] SolutionMethod=SAOR

[5/30/2024 13:12:15] No \_ET.TXT

[5/30/2024 13:12:16] No \_EV.TXT

[5/30/2024 13:12:16] Reading Operating Tables

[5/30/2024 13:12:16] Reading Cross Sections

[5/30/2024 13:12:16] Reading 1D Nodes

[5/30/2024 13:12:16] Reading Overland Flow Nodes

[5/30/2024 13:12:16] Reading 1D Channels

[5/30/2024 13:12:16] Setting up channel ghost nodes

[5/30/2024 13:12:17] Reading Pipes

[5/30/2024 13:12:17] Reading Rating Curves

[5/30/2024 13:12:17] Reading Weirs

[5/30/2024 13:12:17] Reading Drop Structures

[5/30/2024 13:12:17] Reading Breaches

[5/30/2024 13:12:17] Reading Percs

[5/30/2024 13:12:17] Reading Overland Flow Channels

[5/30/2024 13:12:17] Reading Overland Flow Weirs

[5/30/2024 13:12:17] Setting up ghost nodes

[5/30/2024 13:12:17] Reading Manual Basins

[5/30/2024 13:12:17] Reading Overland Flow Basins

[5/30/2024 13:12:17] Sorting basins

[5/30/2024 13:12:17] Reading Basin Features

[5/30/2024 13:12:18] Reading Groundwater

[5/30/2024 13:12:18] Hooking groundwater up to overland flow meshes

[5/30/2024 13:12:18] Initializing threads

[5/30/2024 13:12:18] Build Complete

[5/30/2024 13:12:18] Total basin area=32.254

[5/30/2024 13:12:18] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

[5/30/2024 13:12:18]

[5/30/2024 13:12:18] --- Hydrology Counts -----------------------------------------------

[5/30/2024 13:12:18] Total Basin = 30

[5/30/2024 13:12:18] Direct Basin = 0

[5/30/2024 13:12:18] Manual NRCS Basin = 0

[5/30/2024 13:12:18] Manual SB Basin = 0

[5/30/2024 13:12:18] Mapped NRCS Basin = 0

[5/30/2024 13:12:18] Mapped SB Basin = 0

[5/30/2024 13:12:19] Simple NRCS Basin = 30

[5/30/2024 13:12:19] Simple SB Basin = 0

[5/30/2024 13:12:19] Total Basin Polygon = 30

[5/30/2024 13:12:19] Manual Basin Polygon = 0

[5/30/2024 13:12:19] Mapped Basin Polygon = 0

[5/30/2024 13:12:19] 2D Basin Polygon = 0

[5/30/2024 13:12:19] Crop = 0

[5/30/2024 13:12:19] Reference ET = 0

[5/30/2024 13:12:19] Rainfall = 1

[5/30/2024 13:12:19] Green Ampt Parameter = 0

[5/30/2024 13:12:19] Vert Layer Parameter = 0

[5/30/2024 13:12:19] Curve Number Parameter = 31

[5/30/2024 13:12:19] Imperviousness = 31

[5/30/2024 13:12:19]

[5/30/2024 13:12:19] --- Routing Counts -------------------------------------------------

[5/30/2024 13:12:19] Region = 0

[5/30/2024 13:12:19] Total Node = 58

[5/30/2024 13:12:20] 1D Stage Area = 54

[5/30/2024 13:12:20] 1D Time Stage = 4

[5/30/2024 13:12:20] 1D Drop Nodes = 0

[5/30/2024 13:12:20] 2D Stage Area = 0

[5/30/2024 13:12:20] 2D Time Stage = 0

[5/30/2024 13:12:20] 2D Pond Ghost = 0

[5/30/2024 13:12:20] 2D Chan Ghost = 0

[5/30/2024 13:12:20] 1D/2D Node Interfaces = 0

[5/30/2024 13:12:20] 1D/2D Injection Wells = 0

[5/30/2024 13:12:20] Total Link = 97

[5/30/2024 13:12:20] 1D Pipe = 26

[5/30/2024 13:12:20] 1D Drop Structure = 2

[5/30/2024 13:12:20] 1D French Drain = 0

[5/30/2024 13:12:20] 1D Channel = 0

[5/30/2024 13:12:20] 2D Channel = 0

[5/30/2024 13:12:20] 1D Weir = 67

[5/30/2024 13:12:21] 1D Drop Weir = 2

[5/30/2024 13:12:21] 2D Weir = 0

[5/30/2024 13:12:21] 1D Rating Curve = 0

[5/30/2024 13:12:21] 1D Percolation = 0

[5/30/2024 13:12:21] Cross Section = 43

[5/30/2024 13:12:21] Operating Table = 0

[5/30/2024 13:12:21]

[5/30/2024 13:12:22] --- Groundwater Counts ---------------------------------------------

[5/30/2024 13:12:22] Region = 0

[5/30/2024 13:12:22] Triangle = 0

[5/30/2024 13:12:22] Vertex = 0

[5/30/2024 13:12:22] Midpoint = 0

[5/30/2024 13:12:22] --------------------------------------------------------------------

[5/30/2024 13:12:22]

[5/30/2024 13:12:22] Processing Initial Link Flows...

[5/30/2024 13:12:22] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 13:12:22] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:22] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:22] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:23] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:23] Node N-NS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:23] Node N-NS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:28] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:28] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:28] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:28] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:29] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:30] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:30] Node N-DN-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:31] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:32] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:32] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:33] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:33] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:33] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:36] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:37] Node N-DN-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:46] Node N-BV-03B caused a revert (this will only be logged once per node)

[5/30/2024 13:12:46] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:46] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:12:58] Conduit Optimizer Total Count=3741696 of 5063032

[5/30/2024 13:12:58] PC busted 9 of 83615

[5/30/2024 13:12:58] Average Iterations was 1.329

[5/30/2024 13:12:58] Average dt was 2.16302 sec

[5/30/2024 13:12:59] Revert count=3723

[5/30/2024 13:12:59]

[5/30/2024 13:12:59] ---- Timers -----------------------------

[5/30/2024 13:12:59] Total Time=36.105 sec

[5/30/2024 13:12:59] Basin Time=0.028 sec

[5/30/2024 13:12:59] BasinPoly Time=0.031 sec

[5/30/2024 13:12:59] Node Time=1.705 sec

[5/30/2024 13:12:59] Link Time=22.454 sec

[5/30/2024 13:12:59] Hydrology Output Time=3.060 sec

[5/30/2024 13:12:59] Groundwater Output Time=0.120 sec

[5/30/2024 13:12:59] Routing Output Time=5.186 sec

[5/30/2024 13:12:59] --- Thread Timers --------------------

[5/30/2024 13:12:59] Thread[0] Basin Time=0.022 sec

[5/30/2024 13:12:59] Thread[0] BasinPoly Time=0.003 sec

[5/30/2024 13:12:59] Thread[0] Node Time=0.337 sec

[5/30/2024 13:13:00] Thread[0] Link Time=9.355 sec

[5/30/2024 13:13:00] --- Thread Timers --------------------

[5/30/2024 13:13:00] Thread[1] Basin Time=0.018 sec

[5/30/2024 13:13:00] Thread[1] BasinPoly Time=0.003 sec

[5/30/2024 13:13:00] Thread[1] Node Time=0.334 sec

[5/30/2024 13:13:00] Thread[1] Link Time=10.193 sec

[5/30/2024 13:13:00] --- Thread Timers --------------------

[5/30/2024 13:13:00] Thread[2] Basin Time=0.014 sec

[5/30/2024 13:13:00] Thread[2] BasinPoly Time=0.003 sec

[5/30/2024 13:13:00] Thread[2] Node Time=0.320 sec

[5/30/2024 13:13:00] Thread[2] Link Time=16.086 sec

[5/30/2024 13:13:00] --- Thread Timers --------------------

[5/30/2024 13:13:01] Thread[3] Basin Time=0.013 sec

[5/30/2024 13:13:01] Thread[3] BasinPoly Time=0.005 sec

[5/30/2024 13:13:01] Thread[3] Node Time=0.323 sec

[5/30/2024 13:13:01] Thread[3] Link Time=9.848 sec

[5/30/2024 13:13:01] --- Thread Timers --------------------

[5/30/2024 13:13:01] Thread[4] Basin Time=0.009 sec

[5/30/2024 13:13:01] Thread[4] BasinPoly Time=0.003 sec

[5/30/2024 13:13:01] Thread[4] Node Time=0.328 sec

[5/30/2024 13:13:01] Thread[4] Link Time=12.927 sec

[5/30/2024 13:13:02] --- Thread Timers --------------------

[5/30/2024 13:13:02] Thread[5] Basin Time=0.018 sec

[5/30/2024 13:13:02] Thread[5] BasinPoly Time=0.003 sec

[5/30/2024 13:13:02] Thread[5] Node Time=0.343 sec

[5/30/2024 13:13:02] Thread[5] Link Time=11.346 sec

[5/30/2024 13:13:02] --- Thread Timers --------------------

[5/30/2024 13:13:02] Thread[6] Basin Time=0.018 sec

[5/30/2024 13:13:02] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 13:13:03] Thread[6] Node Time=0.323 sec

[5/30/2024 13:13:03] Thread[6] Link Time=12.348 sec