[5/14/2024 2:01:34]

 threads=-1

 batch=39 of 39

 exe=

 nextsim=

[5/14/2024 2:01:34] C:\Users\Brandon.Nichols\ICPR Models\Norton\Scenarios\Sc32\Simulations\Si37\echo.i4p

[5/14/2024 2:01:34] Reading Simulation

[5/14/2024 2:01:34] Simulation=25YR24HR-HT

[5/14/2024 2:01:34] RunMode=0

[5/14/2024 2:01:34] HotStart=0

[5/14/2024 2:01:34] SaveRestart=0

[5/14/2024 2:01:34] StartYear=0

[5/14/2024 2:01:34] StartMonth=0

[5/14/2024 2:01:34] StartDay=0

[5/14/2024 2:01:34] StartHour=0.000

[5/14/2024 2:01:34] EndYear=0

[5/14/2024 2:01:34] EndMonth=0

[5/14/2024 2:01:34] EndDay=0

[5/14/2024 2:01:34] EndHour=48.000

[5/14/2024 2:01:34] HotstartYear=0

[5/14/2024 2:01:34] HotstartMonth=0

[5/14/2024 2:01:34] HotstartDay=0

[5/14/2024 2:01:34] HotstartHour=0.000

[5/14/2024 2:01:34] MinCalc\_Hydrology=60.000

[5/14/2024 2:01:34] MinCalc\_Hydraulics=0.100

[5/14/2024 2:01:34] MaxCalc\_Hydraulics=30.000

[5/14/2024 2:01:34] MinCalc\_Groundwater=900.000

[5/14/2024 2:01:34] RainfallSet=

[5/14/2024 2:01:34] RefETSet=

[5/14/2024 2:01:34] UnitHydSet=

[5/14/2024 2:01:35] BndStageSet=OBS-HT

[5/14/2024 2:01:35] ExHydSet=

[5/14/2024 2:01:35] CurveNumSet=

[5/14/2024 2:01:35] GreenAmptSet=

[5/14/2024 2:01:35] VertLayerSet=

[5/14/2024 2:01:35] ImpervSet=

[5/14/2024 2:01:35] RoughnessSet=

[5/14/2024 2:01:35] CropCoefSet=

[5/14/2024 2:01:35] PorosSet=

[5/14/2024 2:01:35] ConductSet=

[5/14/2024 2:01:35] LeakageSet=

[5/14/2024 2:01:35] TimeMarching=0

[5/14/2024 2:01:35] MaxIterations=6

[5/14/2024 2:01:35] OverRelaxWeightFactor=0.500

[5/14/2024 2:01:35] dZTolerance=0.001

[5/14/2024 2:01:35] MaxdZ=1.000

[5/14/2024 2:01:35] LinkOptTol=0.000

[5/14/2024 2:01:35] EdgeLengthOpt=0

[5/14/2024 2:01:35] EdgeLengthFactor=0.667

[5/14/2024 2:01:35] DefaultDampThresh2d=0.005

[5/14/2024 2:01:35] MinSurfArea2d=100.000

[5/14/2024 2:01:35] EnergySwitch2d=1

[5/14/2024 2:01:35] IaTime=24.000

[5/14/2024 2:01:35] IncludeETManBasns=0

[5/14/2024 2:01:35] VertLayerSoln=0

[5/14/2024 2:01:35] RainOptManBasns=1

[5/14/2024 2:01:35] RainOptOF=1

[5/14/2024 2:01:35] RainName=~FLMOD

[5/14/2024 2:01:35] RainAmount=8.000

[5/14/2024 2:01:35] StormDur=24.000

[5/14/2024 2:01:35] DefaultDampThresh1D=0.005

[5/14/2024 2:01:35] MinNodeSurfArea1D=100.000

[5/14/2024 2:01:35] EnergySwitch1D=1

[5/14/2024 2:01:35] Comment=

[5/14/2024 2:01:35] 19 threads [20 cores detected]

[5/14/2024 2:01:35] SolutionMethod=SAOR

[5/14/2024 2:01:36] No \_ET.TXT

[5/14/2024 2:01:36] No \_EV.TXT

[5/14/2024 2:01:36] Reading Operating Tables

[5/14/2024 2:01:36] Reading Cross Sections

[5/14/2024 2:01:36] Reading 1D Nodes

[5/14/2024 2:01:36] Reading Overland Flow Nodes

[5/14/2024 2:01:36] Reading 1D Channels

[5/14/2024 2:01:36] Setting up channel ghost nodes

[5/14/2024 2:01:36] Reading Pipes

[5/14/2024 2:01:36] Reading Rating Curves

[5/14/2024 2:01:36] Reading Weirs

[5/14/2024 2:01:36] Reading Drop Structures

[5/14/2024 2:01:36] Reading Breaches

[5/14/2024 2:01:36] Reading Percs

[5/14/2024 2:01:36] Reading Overland Flow Channels

[5/14/2024 2:01:36] Reading Overland Flow Weirs

[5/14/2024 2:01:36] Setting up ghost nodes

[5/14/2024 2:01:36] Reading Manual Basins

[5/14/2024 2:01:36] Reading Overland Flow Basins

[5/14/2024 2:01:36] Sorting basins

[5/14/2024 2:01:36] Reading Basin Features

[5/14/2024 2:01:36] Reading Groundwater

[5/14/2024 2:01:37] Initializing threads

[5/14/2024 2:01:37] Build Complete

[5/14/2024 2:01:37] Total basin area=32.254

[5/14/2024 2:01:37] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

[5/14/2024 2:01:37]

[5/14/2024 2:01:37] --- Hydrology Counts -----------------------------------------------

[5/14/2024 2:01:37] Total Basin = 30

[5/14/2024 2:01:37] Direct Basin = 0

[5/14/2024 2:01:37] Manual NRCS Basin = 0

[5/14/2024 2:01:37] Manual SB Basin = 0

[5/14/2024 2:01:37] Mapped NRCS Basin = 0

[5/14/2024 2:01:37] Mapped SB Basin = 0

[5/14/2024 2:01:37] Simple NRCS Basin = 30

[5/14/2024 2:01:37] Simple SB Basin = 0

[5/14/2024 2:01:37] Total Basin Polygon = 30

[5/14/2024 2:01:37] Manual Basin Polygon = 0

[5/14/2024 2:01:37] Mapped Basin Polygon = 0

[5/14/2024 2:01:38] 2D Basin Polygon = 0

[5/14/2024 2:01:38] Crop = 0

[5/14/2024 2:01:38] Reference ET = 0

[5/14/2024 2:01:38] Rainfall = 1

[5/14/2024 2:01:38] Green Ampt Parameter = 0

[5/14/2024 2:01:38] Vert Layer Parameter = 0

[5/14/2024 2:01:38] Curve Number Parameter = 31

[5/14/2024 2:01:38] Imperviousness = 31

[5/14/2024 2:01:38]

[5/14/2024 2:01:38] --- Routing Counts -------------------------------------------------

[5/14/2024 2:01:38] Region = 0

[5/14/2024 2:01:38] Total Node = 58

[5/14/2024 2:01:38] 1D Stage Area = 54

[5/14/2024 2:01:38] 1D Time Stage = 4

[5/14/2024 2:01:38] 1D Drop Nodes = 0

[5/14/2024 2:01:38] 2D Stage Area = 0

[5/14/2024 2:01:38] 2D Time Stage = 0

[5/14/2024 2:01:38] 2D Pond Ghost = 0

[5/14/2024 2:01:38] 2D Chan Ghost = 0

[5/14/2024 2:01:38] 1D/2D Node Interfaces = 0

[5/14/2024 2:01:38] 1D/2D Injection Wells = 0

[5/14/2024 2:01:39] Total Link = 97

[5/14/2024 2:01:39] 1D Pipe = 26

[5/14/2024 2:01:39] 1D Drop Structure = 2

[5/14/2024 2:01:39] 1D French Drain = 0

[5/14/2024 2:01:39] 1D Channel = 0

[5/14/2024 2:01:39] 2D Channel = 0

[5/14/2024 2:01:39] 1D Weir = 67

[5/14/2024 2:01:39] 1D Drop Weir = 2

[5/14/2024 2:01:39] 2D Weir = 0

[5/14/2024 2:01:39] 1D Rating Curve = 0

[5/14/2024 2:01:39] 1D Percolation = 0

[5/14/2024 2:01:39] Cross Section = 43

[5/14/2024 2:01:39] Operating Table = 0

[5/14/2024 2:01:39]

[5/14/2024 2:01:39] --- Groundwater Counts ---------------------------------------------

[5/14/2024 2:01:39] Region = 0

[5/14/2024 2:01:39] Triangle = 0

[5/14/2024 2:01:40] Vertex = 0

[5/14/2024 2:01:40] Midpoint = 0

[5/14/2024 2:01:40] --------------------------------------------------------------------

[5/14/2024 2:01:40]

[5/14/2024 2:01:40] Processing Initial Link Flows...

[5/14/2024 2:01:40] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 2:01:40] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:40] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:40] Node N-DN-04 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:40] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:40] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:40] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:40] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:40] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-NS-01 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-PS-06 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-NS-02 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-DN-03 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:41] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:42] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:42] Node N-BV-03B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:51] Node N-JA-01B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:53] Node N-DN-01B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:55] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 2:02:06] Node N-DN-04B caused a revert (this will only be logged once per node)

[5/14/2024 2:02:13] Conduit Optimizer Total Count=4362956 of 5656014

[5/14/2024 2:02:13] PC busted 6 of 93844

[5/14/2024 2:02:13] Average Iterations was 1.318

[5/14/2024 2:02:13] Average dt was 1.92852 sec

[5/14/2024 2:02:13] Revert count=4230

[5/14/2024 2:02:13]

[5/14/2024 2:02:14] ---- Timers -----------------------------

[5/14/2024 2:02:14] Total Time=33.582 sec

[5/14/2024 2:02:14] Basin Time=0.014 sec

[5/14/2024 2:02:14] BasinPoly Time=0.016 sec

[5/14/2024 2:02:14] Node Time=2.026 sec

[5/14/2024 2:02:14] Link Time=21.383 sec

[5/14/2024 2:02:14] Hydrology Output Time=2.620 sec

[5/14/2024 2:02:14] Groundwater Output Time=0.013 sec

[5/14/2024 2:02:14] Routing Output Time=4.881 sec

[5/14/2024 2:02:14] --- Thread Timers --------------------

[5/14/2024 2:02:14] Thread[0] Basin Time=0.006 sec

[5/14/2024 2:02:14] Thread[0] BasinPoly Time=0.001 sec

[5/14/2024 2:02:14] Thread[0] Node Time=0.148 sec

[5/14/2024 2:02:14] Thread[0] Link Time=8.417 sec

[5/14/2024 2:02:14] --- Thread Timers --------------------

[5/14/2024 2:02:14] Thread[1] Basin Time=0.008 sec

[5/14/2024 2:02:14] Thread[1] BasinPoly Time=0.001 sec

[5/14/2024 2:02:14] Thread[1] Node Time=0.136 sec

[5/14/2024 2:02:14] Thread[1] Link Time=9.792 sec

[5/14/2024 2:02:14] --- Thread Timers --------------------

[5/14/2024 2:02:14] Thread[2] Basin Time=0.008 sec

[5/14/2024 2:02:14] Thread[2] BasinPoly Time=0.001 sec

[5/14/2024 2:02:14] Thread[2] Node Time=0.154 sec

[5/14/2024 2:02:14] Thread[2] Link Time=0.545 sec

[5/14/2024 2:02:14] --- Thread Timers --------------------

[5/14/2024 2:02:14] Thread[3] Basin Time=0.008 sec

[5/14/2024 2:02:14] Thread[3] BasinPoly Time=0.001 sec

[5/14/2024 2:02:15] Thread[3] Node Time=0.151 sec

[5/14/2024 2:02:15] Thread[3] Link Time=0.870 sec

[5/14/2024 2:02:15] --- Thread Timers --------------------

[5/14/2024 2:02:15] Thread[4] Basin Time=0.005 sec

[5/14/2024 2:02:15] Thread[4] BasinPoly Time=0.001 sec

[5/14/2024 2:02:15] Thread[4] Node Time=0.138 sec

[5/14/2024 2:02:15] Thread[4] Link Time=2.461 sec

[5/14/2024 2:02:15] --- Thread Timers --------------------

[5/14/2024 2:02:15] Thread[5] Basin Time=0.006 sec

[5/14/2024 2:02:15] Thread[5] BasinPoly Time=0.001 sec

[5/14/2024 2:02:15] Thread[5] Node Time=0.149 sec

[5/14/2024 2:02:15] Thread[5] Link Time=0.727 sec

[5/14/2024 2:02:15] --- Thread Timers --------------------

[5/14/2024 2:02:15] Thread[6] Basin Time=0.005 sec

[5/14/2024 2:02:15] Thread[6] BasinPoly Time=0.001 sec

[5/14/2024 2:02:15] Thread[6] Node Time=0.152 sec

[5/14/2024 2:02:15] Thread[6] Link Time=10.196 sec

[5/14/2024 2:02:15] --- Thread Timers --------------------

[5/14/2024 2:02:15] Thread[7] Basin Time=0.010 sec

[5/14/2024 2:02:15] Thread[7] BasinPoly Time=0.001 sec

[5/14/2024 2:02:15] Thread[7] Node Time=0.144 sec

[5/14/2024 2:02:15] Thread[7] Link Time=11.441 sec

[5/14/2024 2:02:15] --- Thread Timers --------------------

[5/14/2024 2:02:15] Thread[8] Basin Time=0.005 sec

[5/14/2024 2:02:15] Thread[8] BasinPoly Time=0.001 sec

[5/14/2024 2:02:15] Thread[8] Node Time=0.130 sec

[5/14/2024 2:02:16] Thread[8] Link Time=9.310 sec

[5/14/2024 2:02:16] --- Thread Timers --------------------

[5/14/2024 2:02:16] Thread[9] Basin Time=0.005 sec

[5/14/2024 2:02:16] Thread[9] BasinPoly Time=0.001 sec

[5/14/2024 2:02:16] Thread[9] Node Time=0.152 sec

[5/14/2024 2:02:16] Thread[9] Link Time=6.082 sec

[5/14/2024 2:02:16] --- Thread Timers --------------------

[5/14/2024 2:02:16] Thread[10] Basin Time=0.006 sec

[5/14/2024 2:02:16] Thread[10] BasinPoly Time=0.001 sec

[5/14/2024 2:02:16] Thread[10] Node Time=0.132 sec

[5/14/2024 2:02:16] Thread[10] Link Time=1.780 sec

[5/14/2024 2:02:16] --- Thread Timers --------------------

[5/14/2024 2:02:16] Thread[11] Basin Time=0.003 sec

[5/14/2024 2:02:16] Thread[11] BasinPoly Time=0.001 sec

[5/14/2024 2:02:16] Thread[11] Node Time=0.121 sec

[5/14/2024 2:02:16] Thread[11] Link Time=1.354 sec

[5/14/2024 2:02:16] --- Thread Timers --------------------

[5/14/2024 2:02:16] Thread[12] Basin Time=0.006 sec

[5/14/2024 2:02:16] Thread[12] BasinPoly Time=0.001 sec

[5/14/2024 2:02:16] Thread[12] Node Time=0.140 sec

[5/14/2024 2:02:16] Thread[12] Link Time=1.308 sec

[5/14/2024 2:02:16] --- Thread Timers --------------------

[5/14/2024 2:02:16] Thread[13] Basin Time=0.004 sec

[5/14/2024 2:02:16] Thread[13] BasinPoly Time=0.001 sec

[5/14/2024 2:02:16] Thread[13] Node Time=0.153 sec

[5/14/2024 2:02:16] Thread[13] Link Time=13.337 sec

[5/14/2024 2:02:16] --- Thread Timers --------------------

[5/14/2024 2:02:16] Thread[14] Basin Time=0.003 sec

[5/14/2024 2:02:16] Thread[14] BasinPoly Time=0.001 sec

[5/14/2024 2:02:17] Thread[14] Node Time=0.138 sec

[5/14/2024 2:02:17] Thread[14] Link Time=8.998 sec

[5/14/2024 2:02:17] --- Thread Timers --------------------

[5/14/2024 2:02:17] Thread[15] Basin Time=0.004 sec

[5/14/2024 2:02:17] Thread[15] BasinPoly Time=0.001 sec

[5/14/2024 2:02:17] Thread[15] Node Time=0.129 sec

[5/14/2024 2:02:17] Thread[15] Link Time=11.891 sec

[5/14/2024 2:02:17] --- Thread Timers --------------------

[5/14/2024 2:02:17] Thread[16] Basin Time=0.003 sec

[5/14/2024 2:02:17] Thread[16] BasinPoly Time=0.001 sec

[5/14/2024 2:02:17] Thread[16] Node Time=0.138 sec

[5/14/2024 2:02:17] Thread[16] Link Time=9.580 sec

[5/14/2024 2:02:17] --- Thread Timers --------------------

[5/14/2024 2:02:17] Thread[17] Basin Time=0.003 sec

[5/14/2024 2:02:17] Thread[17] BasinPoly Time=0.001 sec

[5/14/2024 2:02:17] Thread[17] Node Time=0.138 sec

[5/14/2024 2:02:17] Thread[17] Link Time=7.470 sec

[5/14/2024 2:02:17] --- Thread Timers --------------------

[5/14/2024 2:02:17] Thread[18] Basin Time=0.003 sec

[5/14/2024 2:02:17] Thread[18] BasinPoly Time=0.001 sec

[5/14/2024 2:02:17] Thread[18] Node Time=0.119 sec

[5/14/2024 2:02:17] Thread[18] Link Time=9.114 sec