[5/14/2024 1:57:18]

 threads=-1

 batch=32 of 39

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

 nextsim=C:\Users\Brandon.Nichols\ICPR Models\Norton\Scenarios\Sc32\Simulations\Si36\

[5/14/2024 1:57:18] C:\Users\Brandon.Nichols\ICPR Models\Norton\Scenarios\Sc32\Simulations\Si48\echo.i4p

[5/14/2024 1:57:18] Reading Simulation

[5/14/2024 1:57:18] Simulation=10YR24HR-HT

[5/14/2024 1:57:18] RunMode=0

[5/14/2024 1:57:18] HotStart=0

[5/14/2024 1:57:18] SaveRestart=0

[5/14/2024 1:57:19] StartYear=0

[5/14/2024 1:57:19] StartMonth=0

[5/14/2024 1:57:19] StartDay=0

[5/14/2024 1:57:19] StartHour=0.000

[5/14/2024 1:57:19] EndYear=0

[5/14/2024 1:57:19] EndMonth=0

[5/14/2024 1:57:19] EndDay=0

[5/14/2024 1:57:19] EndHour=48.000

[5/14/2024 1:57:19] HotstartYear=0

[5/14/2024 1:57:19] HotstartMonth=0

[5/14/2024 1:57:19] HotstartDay=0

[5/14/2024 1:57:19] HotstartHour=0.000

[5/14/2024 1:57:19] MinCalc\_Hydrology=60.000

[5/14/2024 1:57:19] MinCalc\_Hydraulics=0.100

[5/14/2024 1:57:19] MaxCalc\_Hydraulics=30.000

[5/14/2024 1:57:19] MinCalc\_Groundwater=900.000

[5/14/2024 1:57:19] RainfallSet=

[5/14/2024 1:57:19] RefETSet=

[5/14/2024 1:57:19] UnitHydSet=

[5/14/2024 1:57:19] BndStageSet=OBS-HT

[5/14/2024 1:57:19] ExHydSet=

[5/14/2024 1:57:19] CurveNumSet=

[5/14/2024 1:57:19] GreenAmptSet=

[5/14/2024 1:57:19] VertLayerSet=

[5/14/2024 1:57:19] ImpervSet=

[5/14/2024 1:57:19] RoughnessSet=

[5/14/2024 1:57:19] CropCoefSet=

[5/14/2024 1:57:19] PorosSet=

[5/14/2024 1:57:19] ConductSet=

[5/14/2024 1:57:19] LeakageSet=

[5/14/2024 1:57:19] TimeMarching=0

[5/14/2024 1:57:19] MaxIterations=6

[5/14/2024 1:57:19] OverRelaxWeightFactor=0.500

[5/14/2024 1:57:19] dZTolerance=0.001

[5/14/2024 1:57:19] MaxdZ=1.000

[5/14/2024 1:57:19] LinkOptTol=0.000

[5/14/2024 1:57:19] EdgeLengthOpt=0

[5/14/2024 1:57:19] EdgeLengthFactor=0.667

[5/14/2024 1:57:19] DefaultDampThresh2d=0.005

[5/14/2024 1:57:19] MinSurfArea2d=100.000

[5/14/2024 1:57:19] EnergySwitch2d=1

[5/14/2024 1:57:19] IaTime=24.000

[5/14/2024 1:57:19] IncludeETManBasns=0

[5/14/2024 1:57:19] VertLayerSoln=0

[5/14/2024 1:57:19] RainOptManBasns=1

[5/14/2024 1:57:19] RainOptOF=1

[5/14/2024 1:57:19] RainName=~FLMOD

[5/14/2024 1:57:20] RainAmount=7.000

[5/14/2024 1:57:20] StormDur=24.000

[5/14/2024 1:57:20] DefaultDampThresh1D=0.005

[5/14/2024 1:57:20] MinNodeSurfArea1D=100.000

[5/14/2024 1:57:20] EnergySwitch1D=1

[5/14/2024 1:57:20] Comment=

[5/14/2024 1:57:20] 19 threads [20 cores detected]

[5/14/2024 1:57:20] SolutionMethod=SAOR

[5/14/2024 1:57:20] No \_ET.TXT

[5/14/2024 1:57:20] No \_EV.TXT

[5/14/2024 1:57:20] Reading Operating Tables

[5/14/2024 1:57:20] Reading Cross Sections

[5/14/2024 1:57:20] Reading 1D Nodes

[5/14/2024 1:57:20] Reading Overland Flow Nodes

[5/14/2024 1:57:20] Reading 1D Channels

[5/14/2024 1:57:20] Setting up channel ghost nodes

[5/14/2024 1:57:20] Reading Pipes

[5/14/2024 1:57:20] Reading Rating Curves

[5/14/2024 1:57:20] Reading Weirs

[5/14/2024 1:57:20] Reading Drop Structures

[5/14/2024 1:57:20] Reading Breaches

[5/14/2024 1:57:20] Reading Percs

[5/14/2024 1:57:20] Reading Overland Flow Channels

[5/14/2024 1:57:21] Reading Overland Flow Weirs

[5/14/2024 1:57:21] Setting up ghost nodes

[5/14/2024 1:57:21] Reading Manual Basins

[5/14/2024 1:57:21] Reading Overland Flow Basins

[5/14/2024 1:57:21] Sorting basins

[5/14/2024 1:57:21] Reading Basin Features

[5/14/2024 1:57:21] Reading Groundwater

[5/14/2024 1:57:21] Initializing threads

[5/14/2024 1:57:21] Build Complete

[5/14/2024 1:57:21] Total basin area=32.254

[5/14/2024 1:57:21] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

[5/14/2024 1:57:21]

[5/14/2024 1:57:21] --- Hydrology Counts -----------------------------------------------

[5/14/2024 1:57:21] Total Basin = 30

[5/14/2024 1:57:21] Direct Basin = 0

[5/14/2024 1:57:21] Manual NRCS Basin = 0

[5/14/2024 1:57:22] Manual SB Basin = 0

[5/14/2024 1:57:22] Mapped NRCS Basin = 0

[5/14/2024 1:57:22] Mapped SB Basin = 0

[5/14/2024 1:57:22] Simple NRCS Basin = 30

[5/14/2024 1:57:22] Simple SB Basin = 0

[5/14/2024 1:57:22] Total Basin Polygon = 30

[5/14/2024 1:57:22] Manual Basin Polygon = 0

[5/14/2024 1:57:22] Mapped Basin Polygon = 0

[5/14/2024 1:57:22] 2D Basin Polygon = 0

[5/14/2024 1:57:22] Crop = 0

[5/14/2024 1:57:22] Reference ET = 0

[5/14/2024 1:57:22] Rainfall = 1

[5/14/2024 1:57:22] Green Ampt Parameter = 0

[5/14/2024 1:57:22] Vert Layer Parameter = 0

[5/14/2024 1:57:22] Curve Number Parameter = 31

[5/14/2024 1:57:22] Imperviousness = 31

[5/14/2024 1:57:22]

[5/14/2024 1:57:22] --- Routing Counts -------------------------------------------------

[5/14/2024 1:57:22] Region = 0

[5/14/2024 1:57:22] Total Node = 58

[5/14/2024 1:57:22] 1D Stage Area = 54

[5/14/2024 1:57:23] 1D Time Stage = 4

[5/14/2024 1:57:23] 1D Drop Nodes = 0

[5/14/2024 1:57:23] 2D Stage Area = 0

[5/14/2024 1:57:23] 2D Time Stage = 0

[5/14/2024 1:57:23] 2D Pond Ghost = 0

[5/14/2024 1:57:23] 2D Chan Ghost = 0

[5/14/2024 1:57:23] 1D/2D Node Interfaces = 0

[5/14/2024 1:57:23] 1D/2D Injection Wells = 0

[5/14/2024 1:57:23] Total Link = 97

[5/14/2024 1:57:23] 1D Pipe = 26

[5/14/2024 1:57:23] 1D Drop Structure = 2

[5/14/2024 1:57:23] 1D French Drain = 0

[5/14/2024 1:57:23] 1D Channel = 0

[5/14/2024 1:57:23] 2D Channel = 0

[5/14/2024 1:57:23] 1D Weir = 67

[5/14/2024 1:57:24] 1D Drop Weir = 2

[5/14/2024 1:57:24] 2D Weir = 0

[5/14/2024 1:57:24] 1D Rating Curve = 0

[5/14/2024 1:57:24] 1D Percolation = 0

[5/14/2024 1:57:24] Cross Section = 43

[5/14/2024 1:57:24] Operating Table = 0

[5/14/2024 1:57:24]

[5/14/2024 1:57:24] --- Groundwater Counts ---------------------------------------------

[5/14/2024 1:57:24] Region = 0

[5/14/2024 1:57:24] Triangle = 0

[5/14/2024 1:57:24] Vertex = 0

[5/14/2024 1:57:24] Midpoint = 0

[5/14/2024 1:57:24] --------------------------------------------------------------------

[5/14/2024 1:57:24]

[5/14/2024 1:57:24] Processing Initial Link Flows...

[5/14/2024 1:57:24] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 1:57:24] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:24] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-DN-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-NS-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-PS-06 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-NS-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:25] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:26] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:26] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:26] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:26] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:26] Node N-DN-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:26] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:26] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:26] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:57:26] Node N-BV-03B caused a revert (this will only be logged once per node)

[5/14/2024 1:57:37] Node N-DN-01B caused a revert (this will only be logged once per node)

[5/14/2024 1:57:39] Node N-JA-01B caused a revert (this will only be logged once per node)

[5/14/2024 1:57:39] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 1:57:50] Node N-DN-04B caused a revert (this will only be logged once per node)

[5/14/2024 1:57:57] Conduit Optimizer Total Count=4154573 of 5394376

[5/14/2024 1:57:57] PC busted 5 of 89850

[5/14/2024 1:57:58] Average Iterations was 1.309

[5/14/2024 1:57:58] Average dt was 2.01411 sec

[5/14/2024 1:57:58] Revert count=4042

[5/14/2024 1:57:58]

[5/14/2024 1:57:58] ---- Timers -----------------------------

[5/14/2024 1:57:58] Total Time=33.251 sec

[5/14/2024 1:57:58] Basin Time=0.023 sec

[5/14/2024 1:57:58] BasinPoly Time=0.007 sec

[5/14/2024 1:57:58] Node Time=2.231 sec

[5/14/2024 1:57:58] Link Time=20.900 sec

[5/14/2024 1:57:58] Hydrology Output Time=3.035 sec

[5/14/2024 1:57:58] Groundwater Output Time=0.001 sec

[5/14/2024 1:57:58] Routing Output Time=4.162 sec

[5/14/2024 1:57:58] --- Thread Timers --------------------

[5/14/2024 1:57:58] Thread[0] Basin Time=0.006 sec

[5/14/2024 1:57:58] Thread[0] BasinPoly Time=0.001 sec

[5/14/2024 1:57:58] Thread[0] Node Time=0.145 sec

[5/14/2024 1:57:58] Thread[0] Link Time=8.771 sec

[5/14/2024 1:57:58] --- Thread Timers --------------------

[5/14/2024 1:57:58] Thread[1] Basin Time=0.008 sec

[5/14/2024 1:57:58] Thread[1] BasinPoly Time=0.001 sec

[5/14/2024 1:57:58] Thread[1] Node Time=0.130 sec

[5/14/2024 1:57:58] Thread[1] Link Time=9.598 sec

[5/14/2024 1:57:58] --- Thread Timers --------------------

[5/14/2024 1:57:58] Thread[2] Basin Time=0.007 sec

[5/14/2024 1:57:58] Thread[2] BasinPoly Time=0.001 sec

[5/14/2024 1:57:59] Thread[2] Node Time=0.149 sec

[5/14/2024 1:57:59] Thread[2] Link Time=0.497 sec

[5/14/2024 1:57:59] --- Thread Timers --------------------

[5/14/2024 1:57:59] Thread[3] Basin Time=0.008 sec

[5/14/2024 1:57:59] Thread[3] BasinPoly Time=0.001 sec

[5/14/2024 1:57:59] Thread[3] Node Time=0.149 sec

[5/14/2024 1:57:59] Thread[3] Link Time=0.843 sec

[5/14/2024 1:57:59] --- Thread Timers --------------------

[5/14/2024 1:57:59] Thread[4] Basin Time=0.006 sec

[5/14/2024 1:57:59] Thread[4] BasinPoly Time=0.001 sec

[5/14/2024 1:57:59] Thread[4] Node Time=0.151 sec

[5/14/2024 1:57:59] Thread[4] Link Time=2.426 sec

[5/14/2024 1:57:59] --- Thread Timers --------------------

[5/14/2024 1:57:59] Thread[5] Basin Time=0.006 sec

[5/14/2024 1:57:59] Thread[5] BasinPoly Time=0.001 sec

[5/14/2024 1:57:59] Thread[5] Node Time=0.136 sec

[5/14/2024 1:57:59] Thread[5] Link Time=0.630 sec

[5/14/2024 1:57:59] --- Thread Timers --------------------

[5/14/2024 1:57:59] Thread[6] Basin Time=0.005 sec

[5/14/2024 1:58:00] Thread[6] BasinPoly Time=0.001 sec

[5/14/2024 1:58:00] Thread[6] Node Time=0.142 sec

[5/14/2024 1:58:00] Thread[6] Link Time=9.567 sec

[5/14/2024 1:58:00] --- Thread Timers --------------------

[5/14/2024 1:58:00] Thread[7] Basin Time=0.010 sec

[5/14/2024 1:58:00] Thread[7] BasinPoly Time=0.002 sec

[5/14/2024 1:58:00] Thread[7] Node Time=0.134 sec

[5/14/2024 1:58:00] Thread[7] Link Time=10.877 sec

[5/14/2024 1:58:00] --- Thread Timers --------------------

[5/14/2024 1:58:00] Thread[8] Basin Time=0.005 sec

[5/14/2024 1:58:00] Thread[8] BasinPoly Time=0.001 sec

[5/14/2024 1:58:00] Thread[8] Node Time=0.120 sec

[5/14/2024 1:58:00] Thread[8] Link Time=9.350 sec

[5/14/2024 1:58:01] --- Thread Timers --------------------

[5/14/2024 1:58:01] Thread[9] Basin Time=0.005 sec

[5/14/2024 1:58:01] Thread[9] BasinPoly Time=0.001 sec

[5/14/2024 1:58:01] Thread[9] Node Time=0.143 sec

[5/14/2024 1:58:01] Thread[9] Link Time=6.538 sec

[5/14/2024 1:58:01] --- Thread Timers --------------------

[5/14/2024 1:58:01] Thread[10] Basin Time=0.006 sec

[5/14/2024 1:58:01] Thread[10] BasinPoly Time=0.001 sec

[5/14/2024 1:58:01] Thread[10] Node Time=0.121 sec

[5/14/2024 1:58:01] Thread[10] Link Time=1.632 sec

[5/14/2024 1:58:02] --- Thread Timers --------------------

[5/14/2024 1:58:02] Thread[11] Basin Time=0.003 sec

[5/14/2024 1:58:02] Thread[11] BasinPoly Time=0.001 sec

[5/14/2024 1:58:02] Thread[11] Node Time=0.122 sec

[5/14/2024 1:58:02] Thread[11] Link Time=1.429 sec

[5/14/2024 1:58:02] --- Thread Timers --------------------

[5/14/2024 1:58:02] Thread[12] Basin Time=0.006 sec

[5/14/2024 1:58:02] Thread[12] BasinPoly Time=0.001 sec

[5/14/2024 1:58:02] Thread[12] Node Time=0.130 sec

[5/14/2024 1:58:02] Thread[12] Link Time=1.361 sec

[5/14/2024 1:58:02] --- Thread Timers --------------------

[5/14/2024 1:58:02] Thread[13] Basin Time=0.004 sec

[5/14/2024 1:58:02] Thread[13] BasinPoly Time=0.001 sec

[5/14/2024 1:58:02] Thread[13] Node Time=0.156 sec

[5/14/2024 1:58:03] Thread[13] Link Time=13.529 sec

[5/14/2024 1:58:03] --- Thread Timers --------------------

[5/14/2024 1:58:03] Thread[14] Basin Time=0.003 sec

[5/14/2024 1:58:03] Thread[14] BasinPoly Time=0.001 sec

[5/14/2024 1:58:03] Thread[14] Node Time=0.120 sec

[5/14/2024 1:58:03] Thread[14] Link Time=9.283 sec

[5/14/2024 1:58:03] --- Thread Timers --------------------

[5/14/2024 1:58:03] Thread[15] Basin Time=0.004 sec

[5/14/2024 1:58:03] Thread[15] BasinPoly Time=0.001 sec

[5/14/2024 1:58:03] Thread[15] Node Time=0.123 sec

[5/14/2024 1:58:03] Thread[15] Link Time=11.227 sec

[5/14/2024 1:58:04] --- Thread Timers --------------------

[5/14/2024 1:58:04] Thread[16] Basin Time=0.013 sec

[5/14/2024 1:58:04] Thread[16] BasinPoly Time=0.001 sec

[5/14/2024 1:58:04] Thread[16] Node Time=0.121 sec

[5/14/2024 1:58:04] Thread[16] Link Time=8.971 sec

[5/14/2024 1:58:04] --- Thread Timers --------------------

[5/14/2024 1:58:04] Thread[17] Basin Time=0.004 sec

[5/14/2024 1:58:04] Thread[17] BasinPoly Time=0.001 sec

[5/14/2024 1:58:04] Thread[17] Node Time=0.136 sec

[5/14/2024 1:58:04] Thread[17] Link Time=8.460 sec

[5/14/2024 1:58:04] --- Thread Timers --------------------

[5/14/2024 1:58:05] Thread[18] Basin Time=0.003 sec

[5/14/2024 1:58:05] Thread[18] BasinPoly Time=0.001 sec

[5/14/2024 1:58:05] Thread[18] Node Time=0.112 sec

[5/14/2024 1:58:05] Thread[18] Link Time=10.133 sec