[5/14/2024 1:59:08]

threads=-1

batch=35 of 39

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

nextsim=C:\Users\Brandon.Nichols\ICPR Models\Norton\Scenarios\Sc32\Simulations\Si34\

[5/14/2024 1:59:08] C:\Users\Brandon.Nichols\ICPR Models\Norton\Scenarios\Sc32\Simulations\Si50\echo.i4p

[5/14/2024 1:59:08] Reading Simulation

[5/14/2024 1:59:08] Simulation=2.33YR24HR-HT

[5/14/2024 1:59:08] RunMode=0

[5/14/2024 1:59:08] HotStart=0

[5/14/2024 1:59:08] SaveRestart=0

[5/14/2024 1:59:08] StartYear=0

[5/14/2024 1:59:08] StartMonth=0

[5/14/2024 1:59:08] StartDay=0

[5/14/2024 1:59:08] StartHour=0.000

[5/14/2024 1:59:08] EndYear=0

[5/14/2024 1:59:08] EndMonth=0

[5/14/2024 1:59:08] EndDay=0

[5/14/2024 1:59:08] EndHour=48.000

[5/14/2024 1:59:08] HotstartYear=0

[5/14/2024 1:59:09] HotstartMonth=0

[5/14/2024 1:59:09] HotstartDay=0

[5/14/2024 1:59:09] HotstartHour=0.000

[5/14/2024 1:59:09] MinCalc\_Hydrology=60.000

[5/14/2024 1:59:09] MinCalc\_Hydraulics=0.100

[5/14/2024 1:59:09] MaxCalc\_Hydraulics=30.000

[5/14/2024 1:59:09] MinCalc\_Groundwater=900.000

[5/14/2024 1:59:09] RainfallSet=

[5/14/2024 1:59:09] RefETSet=

[5/14/2024 1:59:09] UnitHydSet=

[5/14/2024 1:59:09] BndStageSet=OBS-HT

[5/14/2024 1:59:09] ExHydSet=

[5/14/2024 1:59:09] CurveNumSet=

[5/14/2024 1:59:09] GreenAmptSet=

[5/14/2024 1:59:09] VertLayerSet=

[5/14/2024 1:59:09] ImpervSet=

[5/14/2024 1:59:09] RoughnessSet=

[5/14/2024 1:59:09] CropCoefSet=

[5/14/2024 1:59:09] PorosSet=

[5/14/2024 1:59:09] ConductSet=

[5/14/2024 1:59:09] LeakageSet=

[5/14/2024 1:59:09] TimeMarching=0

[5/14/2024 1:59:09] MaxIterations=6

[5/14/2024 1:59:09] OverRelaxWeightFactor=0.500

[5/14/2024 1:59:09] dZTolerance=0.001

[5/14/2024 1:59:09] MaxdZ=1.000

[5/14/2024 1:59:09] LinkOptTol=0.000

[5/14/2024 1:59:09] EdgeLengthOpt=0

[5/14/2024 1:59:09] EdgeLengthFactor=0.667

[5/14/2024 1:59:09] DefaultDampThresh2d=0.005

[5/14/2024 1:59:09] MinSurfArea2d=100.000

[5/14/2024 1:59:09] EnergySwitch2d=1

[5/14/2024 1:59:09] IaTime=24.000

[5/14/2024 1:59:09] IncludeETManBasns=0

[5/14/2024 1:59:09] VertLayerSoln=0

[5/14/2024 1:59:09] RainOptManBasns=1

[5/14/2024 1:59:09] RainOptOF=1

[5/14/2024 1:59:09] RainName=~FLMOD

[5/14/2024 1:59:09] RainAmount=4.500

[5/14/2024 1:59:09] StormDur=24.000

[5/14/2024 1:59:09] DefaultDampThresh1D=0.005

[5/14/2024 1:59:09] MinNodeSurfArea1D=100.000

[5/14/2024 1:59:09] EnergySwitch1D=1

[5/14/2024 1:59:09] Comment=

[5/14/2024 1:59:09] 19 threads [20 cores detected]

[5/14/2024 1:59:09] SolutionMethod=SAOR

[5/14/2024 1:59:09] No \_ET.TXT

[5/14/2024 1:59:10] No \_EV.TXT

[5/14/2024 1:59:10] Reading Operating Tables

[5/14/2024 1:59:10] Reading Cross Sections

[5/14/2024 1:59:10] Reading 1D Nodes

[5/14/2024 1:59:10] Reading Overland Flow Nodes

[5/14/2024 1:59:10] Reading 1D Channels

[5/14/2024 1:59:10] Setting up channel ghost nodes

[5/14/2024 1:59:10] Reading Pipes

[5/14/2024 1:59:10] Reading Rating Curves

[5/14/2024 1:59:10] Reading Weirs

[5/14/2024 1:59:10] Reading Drop Structures

[5/14/2024 1:59:10] Reading Breaches

[5/14/2024 1:59:10] Reading Percs

[5/14/2024 1:59:10] Reading Overland Flow Channels

[5/14/2024 1:59:10] Reading Overland Flow Weirs

[5/14/2024 1:59:10] Setting up ghost nodes

[5/14/2024 1:59:10] Reading Manual Basins

[5/14/2024 1:59:10] Reading Overland Flow Basins

[5/14/2024 1:59:10] Sorting basins

[5/14/2024 1:59:10] Reading Basin Features

[5/14/2024 1:59:10] Reading Groundwater

[5/14/2024 1:59:10] Initializing threads

[5/14/2024 1:59:11] Build Complete

[5/14/2024 1:59:11] Total basin area=32.254

[5/14/2024 1:59:11] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

[5/14/2024 1:59:11]

[5/14/2024 1:59:11] --- Hydrology Counts -----------------------------------------------

[5/14/2024 1:59:11] Total Basin = 30

[5/14/2024 1:59:11] Direct Basin = 0

[5/14/2024 1:59:11] Manual NRCS Basin = 0

[5/14/2024 1:59:11] Manual SB Basin = 0

[5/14/2024 1:59:11] Mapped NRCS Basin = 0

[5/14/2024 1:59:11] Mapped SB Basin = 0

[5/14/2024 1:59:11] Simple NRCS Basin = 30

[5/14/2024 1:59:11] Simple SB Basin = 0

[5/14/2024 1:59:12] Total Basin Polygon = 30

[5/14/2024 1:59:12] Manual Basin Polygon = 0

[5/14/2024 1:59:12] Mapped Basin Polygon = 0

[5/14/2024 1:59:12] 2D Basin Polygon = 0

[5/14/2024 1:59:12] Crop = 0

[5/14/2024 1:59:12] Reference ET = 0

[5/14/2024 1:59:12] Rainfall = 1

[5/14/2024 1:59:12] Green Ampt Parameter = 0

[5/14/2024 1:59:12] Vert Layer Parameter = 0

[5/14/2024 1:59:12] Curve Number Parameter = 31

[5/14/2024 1:59:12] Imperviousness = 31

[5/14/2024 1:59:12]

[5/14/2024 1:59:12] --- Routing Counts -------------------------------------------------

[5/14/2024 1:59:12] Region = 0

[5/14/2024 1:59:12] Total Node = 58

[5/14/2024 1:59:12] 1D Stage Area = 54

[5/14/2024 1:59:12] 1D Time Stage = 4

[5/14/2024 1:59:12] 1D Drop Nodes = 0

[5/14/2024 1:59:12] 2D Stage Area = 0

[5/14/2024 1:59:12] 2D Time Stage = 0

[5/14/2024 1:59:12] 2D Pond Ghost = 0

[5/14/2024 1:59:13] 2D Chan Ghost = 0

[5/14/2024 1:59:13] 1D/2D Node Interfaces = 0

[5/14/2024 1:59:13] 1D/2D Injection Wells = 0

[5/14/2024 1:59:13] Total Link = 97

[5/14/2024 1:59:13] 1D Pipe = 26

[5/14/2024 1:59:13] 1D Drop Structure = 2

[5/14/2024 1:59:13] 1D French Drain = 0

[5/14/2024 1:59:13] 1D Channel = 0

[5/14/2024 1:59:13] 2D Channel = 0

[5/14/2024 1:59:13] 1D Weir = 67

[5/14/2024 1:59:13] 1D Drop Weir = 2

[5/14/2024 1:59:13] 2D Weir = 0

[5/14/2024 1:59:13] 1D Rating Curve = 0

[5/14/2024 1:59:13] 1D Percolation = 0

[5/14/2024 1:59:13] Cross Section = 43

[5/14/2024 1:59:13] Operating Table = 0

[5/14/2024 1:59:14]

[5/14/2024 1:59:14] --- Groundwater Counts ---------------------------------------------

[5/14/2024 1:59:14] Region = 0

[5/14/2024 1:59:14] Triangle = 0

[5/14/2024 1:59:14] Vertex = 0

[5/14/2024 1:59:14] Midpoint = 0

[5/14/2024 1:59:14] --------------------------------------------------------------------

[5/14/2024 1:59:14]

[5/14/2024 1:59:14] Processing Initial Link Flows...

[5/14/2024 1:59:14] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 1:59:14] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:14] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:14] Node N-DN-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:14] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:14] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:14] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-NS-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-PS-06 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-NS-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-DN-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:15] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:16] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:16] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:59:16] Node N-BV-03B caused a revert (this will only be logged once per node)

[5/14/2024 1:59:25] Node N-JA-01B caused a revert (this will only be logged once per node)

[5/14/2024 1:59:25] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 1:59:36] Node N-DN-04B caused a revert (this will only be logged once per node)

[5/14/2024 1:59:43] Conduit Optimizer Total Count=3744567 of 4698564

[5/14/2024 1:59:44] PC busted 2 of 80224

[5/14/2024 1:59:44] Average Iterations was 1.253

[5/14/2024 1:59:44] Average dt was 2.25554 sec

[5/14/2024 1:59:44] Revert count=3605

[5/14/2024 1:59:44]

[5/14/2024 1:59:44] ---- Timers -----------------------------

[5/14/2024 1:59:44] Total Time=29.433 sec

[5/14/2024 1:59:44] Basin Time=0.023 sec

[5/14/2024 1:59:44] BasinPoly Time=0.027 sec

[5/14/2024 1:59:44] Node Time=1.926 sec

[5/14/2024 1:59:44] Link Time=16.729 sec

[5/14/2024 1:59:44] Hydrology Output Time=2.956 sec

[5/14/2024 1:59:44] Groundwater Output Time=0.001 sec

[5/14/2024 1:59:44] Routing Output Time=5.053 sec

[5/14/2024 1:59:44] --- Thread Timers --------------------

[5/14/2024 1:59:44] Thread[0] Basin Time=0.006 sec

[5/14/2024 1:59:44] Thread[0] BasinPoly Time=0.001 sec

[5/14/2024 1:59:44] Thread[0] Node Time=0.126 sec

[5/14/2024 1:59:44] Thread[0] Link Time=5.994 sec

[5/14/2024 1:59:44] --- Thread Timers --------------------

[5/14/2024 1:59:44] Thread[1] Basin Time=0.008 sec

[5/14/2024 1:59:44] Thread[1] BasinPoly Time=0.001 sec

[5/14/2024 1:59:44] Thread[1] Node Time=0.115 sec

[5/14/2024 1:59:44] Thread[1] Link Time=7.377 sec

[5/14/2024 1:59:44] --- Thread Timers --------------------

[5/14/2024 1:59:45] Thread[2] Basin Time=0.007 sec

[5/14/2024 1:59:45] Thread[2] BasinPoly Time=0.001 sec

[5/14/2024 1:59:45] Thread[2] Node Time=0.131 sec

[5/14/2024 1:59:45] Thread[2] Link Time=0.369 sec

[5/14/2024 1:59:45] --- Thread Timers --------------------

[5/14/2024 1:59:45] Thread[3] Basin Time=0.008 sec

[5/14/2024 1:59:45] Thread[3] BasinPoly Time=0.001 sec

[5/14/2024 1:59:45] Thread[3] Node Time=0.130 sec

[5/14/2024 1:59:45] Thread[3] Link Time=0.751 sec

[5/14/2024 1:59:45] --- Thread Timers --------------------

[5/14/2024 1:59:45] Thread[4] Basin Time=0.006 sec

[5/14/2024 1:59:45] Thread[4] BasinPoly Time=0.001 sec

[5/14/2024 1:59:45] Thread[4] Node Time=0.127 sec

[5/14/2024 1:59:45] Thread[4] Link Time=1.911 sec

[5/14/2024 1:59:45] --- Thread Timers --------------------

[5/14/2024 1:59:45] Thread[5] Basin Time=0.005 sec

[5/14/2024 1:59:45] Thread[5] BasinPoly Time=0.001 sec

[5/14/2024 1:59:45] Thread[5] Node Time=0.123 sec

[5/14/2024 1:59:45] Thread[5] Link Time=0.454 sec

[5/14/2024 1:59:45] --- Thread Timers --------------------

[5/14/2024 1:59:45] Thread[6] Basin Time=0.005 sec

[5/14/2024 1:59:45] Thread[6] BasinPoly Time=0.001 sec

[5/14/2024 1:59:45] Thread[6] Node Time=0.124 sec

[5/14/2024 1:59:45] Thread[6] Link Time=6.953 sec

[5/14/2024 1:59:45] --- Thread Timers --------------------

[5/14/2024 1:59:46] Thread[7] Basin Time=0.010 sec

[5/14/2024 1:59:46] Thread[7] BasinPoly Time=0.001 sec

[5/14/2024 1:59:46] Thread[7] Node Time=0.117 sec

[5/14/2024 1:59:46] Thread[7] Link Time=7.719 sec

[5/14/2024 1:59:46] --- Thread Timers --------------------

[5/14/2024 1:59:46] Thread[8] Basin Time=0.006 sec

[5/14/2024 1:59:46] Thread[8] BasinPoly Time=0.001 sec

[5/14/2024 1:59:46] Thread[8] Node Time=0.107 sec

[5/14/2024 1:59:46] Thread[8] Link Time=7.523 sec

[5/14/2024 1:59:46] --- Thread Timers --------------------

[5/14/2024 1:59:46] Thread[9] Basin Time=0.005 sec

[5/14/2024 1:59:46] Thread[9] BasinPoly Time=0.001 sec

[5/14/2024 1:59:46] Thread[9] Node Time=0.126 sec

[5/14/2024 1:59:46] Thread[9] Link Time=5.288 sec

[5/14/2024 1:59:47] --- Thread Timers --------------------

[5/14/2024 1:59:47] Thread[10] Basin Time=0.006 sec

[5/14/2024 1:59:47] Thread[10] BasinPoly Time=0.001 sec

[5/14/2024 1:59:47] Thread[10] Node Time=0.115 sec

[5/14/2024 1:59:47] Thread[10] Link Time=1.151 sec

[5/14/2024 1:59:47] --- Thread Timers --------------------

[5/14/2024 1:59:47] Thread[11] Basin Time=0.003 sec

[5/14/2024 1:59:47] Thread[11] BasinPoly Time=0.001 sec

[5/14/2024 1:59:47] Thread[11] Node Time=0.105 sec

[5/14/2024 1:59:47] Thread[11] Link Time=1.123 sec

[5/14/2024 1:59:47] --- Thread Timers --------------------

[5/14/2024 1:59:47] Thread[12] Basin Time=0.005 sec

[5/14/2024 1:59:48] Thread[12] BasinPoly Time=0.001 sec

[5/14/2024 1:59:48] Thread[12] Node Time=0.104 sec

[5/14/2024 1:59:48] Thread[12] Link Time=1.342 sec

[5/14/2024 1:59:48] --- Thread Timers --------------------

[5/14/2024 1:59:48] Thread[13] Basin Time=0.003 sec

[5/14/2024 1:59:48] Thread[13] BasinPoly Time=0.001 sec

[5/14/2024 1:59:48] Thread[13] Node Time=0.125 sec

[5/14/2024 1:59:48] Thread[13] Link Time=10.703 sec

[5/14/2024 1:59:48] --- Thread Timers --------------------

[5/14/2024 1:59:48] Thread[14] Basin Time=0.003 sec

[5/14/2024 1:59:48] Thread[14] BasinPoly Time=0.001 sec

[5/14/2024 1:59:48] Thread[14] Node Time=0.112 sec

[5/14/2024 1:59:49] Thread[14] Link Time=8.002 sec

[5/14/2024 1:59:49] --- Thread Timers --------------------

[5/14/2024 1:59:49] Thread[15] Basin Time=0.003 sec

[5/14/2024 1:59:49] Thread[15] BasinPoly Time=0.001 sec

[5/14/2024 1:59:49] Thread[15] Node Time=0.106 sec

[5/14/2024 1:59:49] Thread[15] Link Time=8.307 sec

[5/14/2024 1:59:49] --- Thread Timers --------------------

[5/14/2024 1:59:49] Thread[16] Basin Time=0.003 sec

[5/14/2024 1:59:49] Thread[16] BasinPoly Time=0.001 sec

[5/14/2024 1:59:49] Thread[16] Node Time=0.104 sec

[5/14/2024 1:59:49] Thread[16] Link Time=6.255 sec

[5/14/2024 1:59:49] --- Thread Timers --------------------

[5/14/2024 1:59:50] Thread[17] Basin Time=0.003 sec

[5/14/2024 1:59:50] Thread[17] BasinPoly Time=0.001 sec

[5/14/2024 1:59:50] Thread[17] Node Time=0.117 sec

[5/14/2024 1:59:50] Thread[17] Link Time=6.700 sec

[5/14/2024 1:59:50] --- Thread Timers --------------------

[5/14/2024 1:59:50] Thread[18] Basin Time=0.003 sec

[5/14/2024 1:59:50] Thread[18] BasinPoly Time=0.001 sec

[5/14/2024 1:59:50] Thread[18] Node Time=0.101 sec

[5/14/2024 1:59:50] Thread[18] Link Time=8.081 sec