[5/14/2024 2:00:57]

 threads=-1

 batch=38 of 39

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

 nextsim=C:\Users\Brandon.Nichols\ICPR Models\Norton\Scenarios\Sc32\Simulations\Si37\

[5/14/2024 2:00:57] C:\Users\Brandon.Nichols\ICPR Models\Norton\Scenarios\Sc32\Simulations\Si39\echo.i4p

[5/14/2024 2:00:57] Reading Simulation

[5/14/2024 2:00:57] Simulation=25YR24HR-3.58ft

[5/14/2024 2:00:57] RunMode=0

[5/14/2024 2:00:57] HotStart=0

[5/14/2024 2:00:57] SaveRestart=0

[5/14/2024 2:00:57] StartYear=0

[5/14/2024 2:00:57] StartMonth=0

[5/14/2024 2:00:57] StartDay=0

[5/14/2024 2:00:57] StartHour=0.000

[5/14/2024 2:00:57] EndYear=0

[5/14/2024 2:00:57] EndMonth=0

[5/14/2024 2:00:57] EndDay=0

[5/14/2024 2:00:57] EndHour=48.000

[5/14/2024 2:00:57] HotstartYear=0

[5/14/2024 2:00:57] HotstartMonth=0

[5/14/2024 2:00:57] HotstartDay=0

[5/14/2024 2:00:57] HotstartHour=0.000

[5/14/2024 2:00:58] MinCalc\_Hydrology=60.000

[5/14/2024 2:00:58] MinCalc\_Hydraulics=0.100

[5/14/2024 2:00:58] MaxCalc\_Hydraulics=30.000

[5/14/2024 2:00:58] MinCalc\_Groundwater=900.000

[5/14/2024 2:00:58] RainfallSet=

[5/14/2024 2:00:58] RefETSet=

[5/14/2024 2:00:58] UnitHydSet=

[5/14/2024 2:00:58] BndStageSet=3.58ft

[5/14/2024 2:00:58] ExHydSet=

[5/14/2024 2:00:58] CurveNumSet=

[5/14/2024 2:00:58] GreenAmptSet=

[5/14/2024 2:00:58] VertLayerSet=

[5/14/2024 2:00:58] ImpervSet=

[5/14/2024 2:00:58] RoughnessSet=

[5/14/2024 2:00:58] CropCoefSet=

[5/14/2024 2:00:58] PorosSet=

[5/14/2024 2:00:58] ConductSet=

[5/14/2024 2:00:58] LeakageSet=

[5/14/2024 2:00:58] TimeMarching=0

[5/14/2024 2:00:58] MaxIterations=6

[5/14/2024 2:00:58] OverRelaxWeightFactor=0.500

[5/14/2024 2:00:58] dZTolerance=0.001

[5/14/2024 2:00:58] MaxdZ=1.000

[5/14/2024 2:00:58] LinkOptTol=0.000

[5/14/2024 2:00:58] EdgeLengthOpt=0

[5/14/2024 2:00:58] EdgeLengthFactor=0.667

[5/14/2024 2:00:58] DefaultDampThresh2d=0.005

[5/14/2024 2:00:58] MinSurfArea2d=100.000

[5/14/2024 2:00:58] EnergySwitch2d=1

[5/14/2024 2:00:58] IaTime=24.000

[5/14/2024 2:00:58] IncludeETManBasns=0

[5/14/2024 2:00:58] VertLayerSoln=0

[5/14/2024 2:00:58] RainOptManBasns=1

[5/14/2024 2:00:58] RainOptOF=1

[5/14/2024 2:00:58] RainName=~FLMOD

[5/14/2024 2:00:58] RainAmount=8.000

[5/14/2024 2:00:58] StormDur=24.000

[5/14/2024 2:00:58] DefaultDampThresh1D=0.005

[5/14/2024 2:00:59] MinNodeSurfArea1D=100.000

[5/14/2024 2:00:59] EnergySwitch1D=1

[5/14/2024 2:00:59] Comment=

[5/14/2024 2:00:59] 19 threads [20 cores detected]

[5/14/2024 2:00:59] SolutionMethod=SAOR

[5/14/2024 2:00:59] No \_ET.TXT

[5/14/2024 2:00:59] No \_EV.TXT

[5/14/2024 2:00:59] Reading Operating Tables

[5/14/2024 2:00:59] Reading Cross Sections

[5/14/2024 2:00:59] Reading 1D Nodes

[5/14/2024 2:00:59] Reading Overland Flow Nodes

[5/14/2024 2:00:59] Reading 1D Channels

[5/14/2024 2:00:59] Setting up channel ghost nodes

[5/14/2024 2:00:59] Reading Pipes

[5/14/2024 2:00:59] Reading Rating Curves

[5/14/2024 2:00:59] Reading Weirs

[5/14/2024 2:00:59] Reading Drop Structures

[5/14/2024 2:00:59] Reading Breaches

[5/14/2024 2:00:59] Reading Percs

[5/14/2024 2:00:59] Reading Overland Flow Channels

[5/14/2024 2:01:00] Reading Overland Flow Weirs

[5/14/2024 2:01:00] Setting up ghost nodes

[5/14/2024 2:01:00] Reading Manual Basins

[5/14/2024 2:01:00] Reading Overland Flow Basins

[5/14/2024 2:01:00] Sorting basins

[5/14/2024 2:01:00] Reading Basin Features

[5/14/2024 2:01:00] Reading Groundwater

[5/14/2024 2:01:00] Initializing threads

[5/14/2024 2:01:00] Build Complete

[5/14/2024 2:01:00] Total basin area=32.254

[5/14/2024 2:01:00] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

[5/14/2024 2:01:00]

[5/14/2024 2:01:00] --- Hydrology Counts -----------------------------------------------

[5/14/2024 2:01:00] Total Basin = 30

[5/14/2024 2:01:00] Direct Basin = 0

[5/14/2024 2:01:00] Manual NRCS Basin = 0

[5/14/2024 2:01:00] Manual SB Basin = 0

[5/14/2024 2:01:00] Mapped NRCS Basin = 0

[5/14/2024 2:01:00] Mapped SB Basin = 0

[5/14/2024 2:01:00] Simple NRCS Basin = 30

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[5/14/2024 2:01:02] Total Node = 58

[5/14/2024 2:01:02] 1D Stage Area = 54

[5/14/2024 2:01:02] 1D Time Stage = 4

[5/14/2024 2:01:02] 1D Drop Nodes = 0

[5/14/2024 2:01:02] 2D Stage Area = 0

[5/14/2024 2:01:02] 2D Time Stage = 0

[5/14/2024 2:01:02] 2D Pond Ghost = 0

[5/14/2024 2:01:02] 2D Chan Ghost = 0

[5/14/2024 2:01:02] 1D/2D Node Interfaces = 0

[5/14/2024 2:01:02] 1D/2D Injection Wells = 0

[5/14/2024 2:01:02] Total Link = 97

[5/14/2024 2:01:02] 1D Pipe = 26

[5/14/2024 2:01:02] 1D Drop Structure = 2

[5/14/2024 2:01:02] 1D French Drain = 0

[5/14/2024 2:01:02] 1D Channel = 0

[5/14/2024 2:01:02] 2D Channel = 0

[5/14/2024 2:01:02] 1D Weir = 67

[5/14/2024 2:01:03] 1D Drop Weir = 2

[5/14/2024 2:01:03] 2D Weir = 0

[5/14/2024 2:01:03] 1D Rating Curve = 0

[5/14/2024 2:01:03] 1D Percolation = 0

[5/14/2024 2:01:03] Cross Section = 43

[5/14/2024 2:01:03] Operating Table = 0

[5/14/2024 2:01:03]

[5/14/2024 2:01:03] --- Groundwater Counts ---------------------------------------------

[5/14/2024 2:01:03] Region = 0

[5/14/2024 2:01:03] Triangle = 0

[5/14/2024 2:01:03] Vertex = 0

[5/14/2024 2:01:03] Midpoint = 0

[5/14/2024 2:01:03] --------------------------------------------------------------------

[5/14/2024 2:01:03]

[5/14/2024 2:01:03] Processing Initial Link Flows...

[5/14/2024 2:01:03] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

[5/14/2024 2:01:04] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:04] Node N-DN-02 caused a revert (this will only be logged once per node)

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

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

[5/14/2024 2:01:04] Node N-JA-02 caused a revert (this will only be logged once per node)

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

[5/14/2024 2:01:04] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:04] Node N-ML-05 caused a revert (this will only be logged once per node)

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

[5/14/2024 2:01:04] Node N-NS-03 caused a revert (this will only be logged once per node)

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

[5/14/2024 2:01:04] Node N-PS-02 caused a revert (this will only be logged once per node)

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

[5/14/2024 2:01:04] Node N-PS-06 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:04] Node N-NS-02 caused a revert (this will only be logged once per node)

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

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

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

[5/14/2024 2:01:05] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:05] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:05] Node N-BV-02 caused a revert (this will only be logged once per node)

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

[5/14/2024 2:01:05] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:05] Node N-PS-04B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:05] Node N-DN-03 caused a revert (this will only be logged once per node)

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

[5/14/2024 2:01:05] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:05] Node N-NS-02B caused a revert (this will only be logged once per node)

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

[5/14/2024 2:01:05] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:05] Node N-DN-04B caused a revert (this will only be logged once per node)

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

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

[5/14/2024 2:01:06] Node N-DN-03B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:06] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:06] Node N-GHS-02 caused a revert (this will only be logged once per node)

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

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

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

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

[5/14/2024 2:01:06] Node N-ML-02B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:06] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:06] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/14/2024 2:01:06] Node N-PS-02B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:06] Node N-PS-03B caused a revert (this will only be logged once per node)

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

[5/14/2024 2:01:07] Node N-ML-06B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:07] Node N-ML-03B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:07] Node N-ML-04B caused a revert (this will only be logged once per node)

[5/14/2024 2:01:33] Conduit Optimizer Total Count=5798024 of 6489288

[5/14/2024 2:01:34] PC busted 68 of 104654

[5/14/2024 2:01:34] Average Iterations was 1.385

[5/14/2024 2:01:34] Average dt was 1.73069 sec

[5/14/2024 2:01:34] Revert count=4794

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

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

[5/14/2024 2:01:34] Total Time=30.009 sec

[5/14/2024 2:01:34] Basin Time=0.014 sec

[5/14/2024 2:01:34] BasinPoly Time=0.007 sec

[5/14/2024 2:01:34] Node Time=1.736 sec

[5/14/2024 2:01:34] Link Time=18.126 sec

[5/14/2024 2:01:34] Hydrology Output Time=2.676 sec

[5/14/2024 2:01:34] Groundwater Output Time=0.001 sec

[5/14/2024 2:01:34] Routing Output Time=4.136 sec

[5/14/2024 2:01:34] --- Thread Timers --------------------

[5/14/2024 2:01:34] Thread[0] Basin Time=0.006 sec

[5/14/2024 2:01:34] Thread[0] BasinPoly Time=0.001 sec

[5/14/2024 2:01:34] Thread[0] Node Time=0.170 sec

[5/14/2024 2:01:34] Thread[0] Link Time=2.788 sec

[5/14/2024 2:01:34] --- Thread Timers --------------------

[5/14/2024 2:01:34] Thread[1] Basin Time=0.008 sec

[5/14/2024 2:01:34] Thread[1] BasinPoly Time=0.001 sec

[5/14/2024 2:01:34] Thread[1] Node Time=0.168 sec

[5/14/2024 2:01:35] Thread[1] Link Time=10.019 sec

[5/14/2024 2:01:35] --- Thread Timers --------------------

[5/14/2024 2:01:35] Thread[2] Basin Time=0.007 sec

[5/14/2024 2:01:35] Thread[2] BasinPoly Time=0.001 sec

[5/14/2024 2:01:35] Thread[2] Node Time=0.173 sec

[5/14/2024 2:01:35] Thread[2] Link Time=4.868 sec

[5/14/2024 2:01:35] --- Thread Timers --------------------

[5/14/2024 2:01:35] Thread[3] Basin Time=0.007 sec

[5/14/2024 2:01:35] Thread[3] BasinPoly Time=0.001 sec

[5/14/2024 2:01:35] Thread[3] Node Time=0.177 sec

[5/14/2024 2:01:35] Thread[3] Link Time=0.762 sec

[5/14/2024 2:01:35] --- Thread Timers --------------------

[5/14/2024 2:01:35] Thread[4] Basin Time=0.006 sec

[5/14/2024 2:01:35] Thread[4] BasinPoly Time=0.001 sec

[5/14/2024 2:01:35] Thread[4] Node Time=0.173 sec

[5/14/2024 2:01:35] Thread[4] Link Time=6.134 sec

[5/14/2024 2:01:35] --- Thread Timers --------------------

[5/14/2024 2:01:35] Thread[5] Basin Time=0.005 sec

[5/14/2024 2:01:35] Thread[5] BasinPoly Time=0.001 sec

[5/14/2024 2:01:35] Thread[5] Node Time=0.171 sec

[5/14/2024 2:01:35] Thread[5] Link Time=4.746 sec

[5/14/2024 2:01:35] --- Thread Timers --------------------

[5/14/2024 2:01:35] Thread[6] Basin Time=0.005 sec

[5/14/2024 2:01:35] Thread[6] BasinPoly Time=0.001 sec

[5/14/2024 2:01:35] Thread[6] Node Time=0.169 sec

[5/14/2024 2:01:35] Thread[6] Link Time=1.495 sec

[5/14/2024 2:01:36] --- Thread Timers --------------------

[5/14/2024 2:01:36] Thread[7] Basin Time=0.010 sec

[5/14/2024 2:01:36] Thread[7] BasinPoly Time=0.001 sec

[5/14/2024 2:01:36] Thread[7] Node Time=0.147 sec

[5/14/2024 2:01:36] Thread[7] Link Time=1.438 sec

[5/14/2024 2:01:36] --- Thread Timers --------------------

[5/14/2024 2:01:36] Thread[8] Basin Time=0.005 sec

[5/14/2024 2:01:36] Thread[8] BasinPoly Time=0.001 sec

[5/14/2024 2:01:36] Thread[8] Node Time=0.148 sec

[5/14/2024 2:01:36] Thread[8] Link Time=1.955 sec

[5/14/2024 2:01:36] --- Thread Timers --------------------

[5/14/2024 2:01:36] Thread[9] Basin Time=0.004 sec

[5/14/2024 2:01:36] Thread[9] BasinPoly Time=0.001 sec

[5/14/2024 2:01:36] Thread[9] Node Time=0.171 sec

[5/14/2024 2:01:37] Thread[9] Link Time=9.854 sec

[5/14/2024 2:01:37] --- Thread Timers --------------------

[5/14/2024 2:01:37] Thread[10] Basin Time=0.006 sec

[5/14/2024 2:01:37] Thread[10] BasinPoly Time=0.001 sec

[5/14/2024 2:01:37] Thread[10] Node Time=0.149 sec

[5/14/2024 2:01:37] Thread[10] Link Time=9.964 sec

[5/14/2024 2:01:37] --- Thread Timers --------------------

[5/14/2024 2:01:37] Thread[11] Basin Time=0.003 sec

[5/14/2024 2:01:37] Thread[11] BasinPoly Time=0.001 sec

[5/14/2024 2:01:37] Thread[11] Node Time=0.138 sec

[5/14/2024 2:01:38] Thread[11] Link Time=2.782 sec

[5/14/2024 2:01:38] --- Thread Timers --------------------

[5/14/2024 2:01:38] Thread[12] Basin Time=0.006 sec

[5/14/2024 2:01:38] Thread[12] BasinPoly Time=0.001 sec

[5/14/2024 2:01:38] Thread[12] Node Time=0.165 sec

[5/14/2024 2:01:38] Thread[12] Link Time=2.654 sec

[5/14/2024 2:01:38] --- Thread Timers --------------------

[5/14/2024 2:01:38] Thread[13] Basin Time=0.003 sec

[5/14/2024 2:01:38] Thread[13] BasinPoly Time=0.001 sec

[5/14/2024 2:01:38] Thread[13] Node Time=0.177 sec

[5/14/2024 2:01:38] Thread[13] Link Time=15.651 sec

[5/14/2024 2:01:38] --- Thread Timers --------------------

[5/14/2024 2:01:38] Thread[14] Basin Time=0.003 sec

[5/14/2024 2:01:38] Thread[14] BasinPoly Time=0.001 sec

[5/14/2024 2:01:39] Thread[14] Node Time=0.153 sec

[5/14/2024 2:01:39] Thread[14] Link Time=2.534 sec

[5/14/2024 2:01:39] --- Thread Timers --------------------

[5/14/2024 2:01:39] Thread[15] Basin Time=0.003 sec

[5/14/2024 2:01:39] Thread[15] BasinPoly Time=0.001 sec

[5/14/2024 2:01:39] Thread[15] Node Time=0.147 sec

[5/14/2024 2:01:39] Thread[15] Link Time=14.411 sec

[5/14/2024 2:01:39] --- Thread Timers --------------------

[5/14/2024 2:01:39] Thread[16] Basin Time=0.003 sec

[5/14/2024 2:01:39] Thread[16] BasinPoly Time=0.001 sec

[5/14/2024 2:01:39] Thread[16] Node Time=0.158 sec

[5/14/2024 2:01:39] Thread[16] Link Time=10.319 sec

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

[5/14/2024 2:01:40] Thread[17] Basin Time=0.003 sec

[5/14/2024 2:01:40] Thread[17] BasinPoly Time=0.001 sec

[5/14/2024 2:01:40] Thread[17] Node Time=0.158 sec

[5/14/2024 2:01:40] Thread[17] Link Time=3.140 sec

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

[5/14/2024 2:01:40] Thread[18] Basin Time=0.003 sec

[5/14/2024 2:01:40] Thread[18] BasinPoly Time=0.001 sec

[5/14/2024 2:01:40] Thread[18] Node Time=0.130 sec

[5/14/2024 2:01:40] Thread[18] Link Time=7.999 sec