[5/14/2024 1:55:26]

threads=-1

batch=29 of 39

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

nextsim=C:\Users\Brandon.Nichols\ICPR Models\Norton\Scenarios\Sc32\Simulations\Si35\

[5/14/2024 1:55:26] C:\Users\Brandon.Nichols\ICPR Models\Norton\Scenarios\Sc32\Simulations\Si46\echo.i4p

[5/14/2024 1:55:27] Reading Simulation

[5/14/2024 1:55:27] Simulation=100YR24HR-HT

[5/14/2024 1:55:27] RunMode=0

[5/14/2024 1:55:27] HotStart=0

[5/14/2024 1:55:27] SaveRestart=0

[5/14/2024 1:55:27] StartYear=0

[5/14/2024 1:55:27] StartMonth=0

[5/14/2024 1:55:27] StartDay=0

[5/14/2024 1:55:27] StartHour=0.000

[5/14/2024 1:55:27] EndYear=0

[5/14/2024 1:55:27] EndMonth=0

[5/14/2024 1:55:27] EndDay=0

[5/14/2024 1:55:27] EndHour=48.000

[5/14/2024 1:55:27] HotstartYear=0

[5/14/2024 1:55:27] HotstartMonth=0

[5/14/2024 1:55:27] HotstartDay=0

[5/14/2024 1:55:27] HotstartHour=0.000

[5/14/2024 1:55:27] MinCalc\_Hydrology=60.000

[5/14/2024 1:55:27] MinCalc\_Hydraulics=0.100

[5/14/2024 1:55:27] MaxCalc\_Hydraulics=30.000

[5/14/2024 1:55:27] MinCalc\_Groundwater=900.000

[5/14/2024 1:55:27] RainfallSet=

[5/14/2024 1:55:27] RefETSet=

[5/14/2024 1:55:27] UnitHydSet=

[5/14/2024 1:55:27] BndStageSet=OBS-HT

[5/14/2024 1:55:27] ExHydSet=

[5/14/2024 1:55:27] CurveNumSet=

[5/14/2024 1:55:27] GreenAmptSet=

[5/14/2024 1:55:27] VertLayerSet=

[5/14/2024 1:55:27] ImpervSet=

[5/14/2024 1:55:27] RoughnessSet=

[5/14/2024 1:55:27] CropCoefSet=

[5/14/2024 1:55:27] PorosSet=

[5/14/2024 1:55:27] ConductSet=

[5/14/2024 1:55:27] LeakageSet=

[5/14/2024 1:55:27] TimeMarching=0

[5/14/2024 1:55:27] MaxIterations=6

[5/14/2024 1:55:27] OverRelaxWeightFactor=0.500

[5/14/2024 1:55:28] dZTolerance=0.001

[5/14/2024 1:55:28] MaxdZ=1.000

[5/14/2024 1:55:28] LinkOptTol=0.000

[5/14/2024 1:55:28] EdgeLengthOpt=0

[5/14/2024 1:55:28] EdgeLengthFactor=0.667

[5/14/2024 1:55:28] DefaultDampThresh2d=0.005

[5/14/2024 1:55:28] MinSurfArea2d=100.000

[5/14/2024 1:55:28] EnergySwitch2d=1

[5/14/2024 1:55:28] IaTime=24.000

[5/14/2024 1:55:28] IncludeETManBasns=0

[5/14/2024 1:55:28] VertLayerSoln=0

[5/14/2024 1:55:28] RainOptManBasns=1

[5/14/2024 1:55:28] RainOptOF=1

[5/14/2024 1:55:28] RainName=~FLMOD

[5/14/2024 1:55:28] RainAmount=10.000

[5/14/2024 1:55:28] StormDur=24.000

[5/14/2024 1:55:28] DefaultDampThresh1D=0.005

[5/14/2024 1:55:28] MinNodeSurfArea1D=100.000

[5/14/2024 1:55:28] EnergySwitch1D=1

[5/14/2024 1:55:28] Comment=

[5/14/2024 1:55:28] 19 threads [20 cores detected]

[5/14/2024 1:55:28] SolutionMethod=SAOR

[5/14/2024 1:55:28] No \_ET.TXT

[5/14/2024 1:55:28] No \_EV.TXT

[5/14/2024 1:55:28] Reading Operating Tables

[5/14/2024 1:55:28] Reading Cross Sections

[5/14/2024 1:55:29] Reading 1D Nodes

[5/14/2024 1:55:29] Reading Overland Flow Nodes

[5/14/2024 1:55:29] Reading 1D Channels

[5/14/2024 1:55:29] Setting up channel ghost nodes

[5/14/2024 1:55:29] Reading Pipes

[5/14/2024 1:55:29] Reading Rating Curves

[5/14/2024 1:55:29] Reading Weirs

[5/14/2024 1:55:29] Reading Drop Structures

[5/14/2024 1:55:29] Reading Breaches

[5/14/2024 1:55:29] Reading Percs

[5/14/2024 1:55:29] Reading Overland Flow Channels

[5/14/2024 1:55:29] Reading Overland Flow Weirs

[5/14/2024 1:55:29] Setting up ghost nodes

[5/14/2024 1:55:29] Reading Manual Basins

[5/14/2024 1:55:30] Reading Overland Flow Basins

[5/14/2024 1:55:30] Sorting basins

[5/14/2024 1:55:30] Reading Basin Features

[5/14/2024 1:55:30] Reading Groundwater

[5/14/2024 1:55:30] Initializing threads

[5/14/2024 1:55:30] Build Complete

[5/14/2024 1:55:30] Total basin area=32.254

[5/14/2024 1:55:30] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

[5/14/2024 1:55:30]

[5/14/2024 1:55:30] --- Hydrology Counts -----------------------------------------------

[5/14/2024 1:55:30] Total Basin = 30

[5/14/2024 1:55:30] Direct Basin = 0

[5/14/2024 1:55:30] Manual NRCS Basin = 0

[5/14/2024 1:55:30] Manual SB Basin = 0

[5/14/2024 1:55:30] Mapped NRCS Basin = 0

[5/14/2024 1:55:30] Mapped SB Basin = 0

[5/14/2024 1:55:30] Simple NRCS Basin = 30

[5/14/2024 1:55:30] Simple SB Basin = 0

[5/14/2024 1:55:30] Total Basin Polygon = 30

[5/14/2024 1:55:30] Manual Basin Polygon = 0

[5/14/2024 1:55:30] Mapped Basin Polygon = 0

[5/14/2024 1:55:31] 2D Basin Polygon = 0

[5/14/2024 1:55:31] Crop = 0

[5/14/2024 1:55:31] Reference ET = 0

[5/14/2024 1:55:31] Rainfall = 1

[5/14/2024 1:55:31] Green Ampt Parameter = 0

[5/14/2024 1:55:31] Vert Layer Parameter = 0

[5/14/2024 1:55:31] Curve Number Parameter = 31

[5/14/2024 1:55:31] Imperviousness = 31

[5/14/2024 1:55:31]

[5/14/2024 1:55:31] --- Routing Counts -------------------------------------------------

[5/14/2024 1:55:31] Region = 0

[5/14/2024 1:55:31] Total Node = 58

[5/14/2024 1:55:31] 1D Stage Area = 54

[5/14/2024 1:55:31] 1D Time Stage = 4

[5/14/2024 1:55:31] 1D Drop Nodes = 0

[5/14/2024 1:55:31] 2D Stage Area = 0

[5/14/2024 1:55:31] 2D Time Stage = 0

[5/14/2024 1:55:31] 2D Pond Ghost = 0

[5/14/2024 1:55:32] 2D Chan Ghost = 0

[5/14/2024 1:55:32] 1D/2D Node Interfaces = 0

[5/14/2024 1:55:32] 1D/2D Injection Wells = 0

[5/14/2024 1:55:32] Total Link = 97

[5/14/2024 1:55:32] 1D Pipe = 26

[5/14/2024 1:55:32] 1D Drop Structure = 2

[5/14/2024 1:55:32] 1D French Drain = 0

[5/14/2024 1:55:32] 1D Channel = 0

[5/14/2024 1:55:32] 2D Channel = 0

[5/14/2024 1:55:32] 1D Weir = 67

[5/14/2024 1:55:32] 1D Drop Weir = 2

[5/14/2024 1:55:32] 2D Weir = 0

[5/14/2024 1:55:32] 1D Rating Curve = 0

[5/14/2024 1:55:32] 1D Percolation = 0

[5/14/2024 1:55:32] Cross Section = 43

[5/14/2024 1:55:32] Operating Table = 0

[5/14/2024 1:55:33]

[5/14/2024 1:55:33] --- Groundwater Counts ---------------------------------------------

[5/14/2024 1:55:33] Region = 0

[5/14/2024 1:55:33] Triangle = 0

[5/14/2024 1:55:33] Vertex = 0

[5/14/2024 1:55:33] Midpoint = 0

[5/14/2024 1:55:33] --------------------------------------------------------------------

[5/14/2024 1:55:33]

[5/14/2024 1:55:33] Processing Initial Link Flows...

[5/14/2024 1:55:33] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 1:55:33] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:33] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:33] Node N-DN-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:33] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:33] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:33] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-NS-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-PS-06 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-NS-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:34] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:35] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:35] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:35] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:35] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:35] Node N-DN-03 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:35] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:35] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:35] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/14/2024 1:55:35] Node N-BV-03B caused a revert (this will only be logged once per node)

[5/14/2024 1:55:46] Node N-DN-02B caused a revert (this will only be logged once per node)

[5/14/2024 1:55:48] Node N-DN-01B caused a revert (this will only be logged once per node)

[5/14/2024 1:55:50] Node N-JA-01B caused a revert (this will only be logged once per node)

[5/14/2024 1:55:50] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 1:56:01] Node N-DN-04B caused a revert (this will only be logged once per node)

[5/14/2024 1:56:07] Conduit Optimizer Total Count=4615312 of 6036108

[5/14/2024 1:56:07] PC busted 8 of 99064

[5/14/2024 1:56:07] Average Iterations was 1.344

[5/14/2024 1:56:07] Average dt was 1.82656 sec

[5/14/2024 1:56:07] Revert count=4450

[5/14/2024 1:56:07]

[5/14/2024 1:56:07] ---- Timers -----------------------------

[5/14/2024 1:56:07] Total Time=34.028 sec

[5/14/2024 1:56:07] Basin Time=0.017 sec

[5/14/2024 1:56:07] BasinPoly Time=0.027 sec

[5/14/2024 1:56:07] Node Time=2.318 sec

[5/14/2024 1:56:07] Link Time=22.540 sec

[5/14/2024 1:56:07] Hydrology Output Time=2.441 sec

[5/14/2024 1:56:08] Groundwater Output Time=0.001 sec

[5/14/2024 1:56:08] Routing Output Time=3.804 sec

[5/14/2024 1:56:08] --- Thread Timers --------------------

[5/14/2024 1:56:08] Thread[0] Basin Time=0.009 sec

[5/14/2024 1:56:08] Thread[0] BasinPoly Time=0.001 sec

[5/14/2024 1:56:08] Thread[0] Node Time=0.163 sec

[5/14/2024 1:56:08] Thread[0] Link Time=9.215 sec

[5/14/2024 1:56:08] --- Thread Timers --------------------

[5/14/2024 1:56:08] Thread[1] Basin Time=0.008 sec

[5/14/2024 1:56:08] Thread[1] BasinPoly Time=0.001 sec

[5/14/2024 1:56:08] Thread[1] Node Time=0.144 sec

[5/14/2024 1:56:08] Thread[1] Link Time=10.567 sec

[5/14/2024 1:56:08] --- Thread Timers --------------------

[5/14/2024 1:56:08] Thread[2] Basin Time=0.008 sec

[5/14/2024 1:56:08] Thread[2] BasinPoly Time=0.001 sec

[5/14/2024 1:56:08] Thread[2] Node Time=0.172 sec

[5/14/2024 1:56:08] Thread[2] Link Time=0.708 sec

[5/14/2024 1:56:08] --- Thread Timers --------------------

[5/14/2024 1:56:08] Thread[3] Basin Time=0.008 sec

[5/14/2024 1:56:08] Thread[3] BasinPoly Time=0.001 sec

[5/14/2024 1:56:08] Thread[3] Node Time=0.165 sec

[5/14/2024 1:56:08] Thread[3] Link Time=1.002 sec

[5/14/2024 1:56:08] --- Thread Timers --------------------

[5/14/2024 1:56:08] Thread[4] Basin Time=0.006 sec

[5/14/2024 1:56:09] Thread[4] BasinPoly Time=0.001 sec

[5/14/2024 1:56:09] Thread[4] Node Time=0.144 sec

[5/14/2024 1:56:09] Thread[4] Link Time=2.475 sec

[5/14/2024 1:56:09] --- Thread Timers --------------------

[5/14/2024 1:56:09] Thread[5] Basin Time=0.006 sec

[5/14/2024 1:56:09] Thread[5] BasinPoly Time=0.001 sec

[5/14/2024 1:56:09] Thread[5] Node Time=0.159 sec

[5/14/2024 1:56:09] Thread[5] Link Time=0.866 sec

[5/14/2024 1:56:09] --- Thread Timers --------------------

[5/14/2024 1:56:09] Thread[6] Basin Time=0.005 sec

[5/14/2024 1:56:09] Thread[6] BasinPoly Time=0.001 sec

[5/14/2024 1:56:09] Thread[6] Node Time=0.161 sec

[5/14/2024 1:56:09] Thread[6] Link Time=10.774 sec

[5/14/2024 1:56:09] --- Thread Timers --------------------

[5/14/2024 1:56:09] Thread[7] Basin Time=0.010 sec

[5/14/2024 1:56:09] Thread[7] BasinPoly Time=0.001 sec

[5/14/2024 1:56:09] Thread[7] Node Time=0.151 sec

[5/14/2024 1:56:09] Thread[7] Link Time=12.310 sec

[5/14/2024 1:56:09] --- Thread Timers --------------------

[5/14/2024 1:56:09] Thread[8] Basin Time=0.005 sec

[5/14/2024 1:56:09] Thread[8] BasinPoly Time=0.001 sec

[5/14/2024 1:56:09] Thread[8] Node Time=0.134 sec

[5/14/2024 1:56:09] Thread[8] Link Time=9.655 sec

[5/14/2024 1:56:10] --- Thread Timers --------------------

[5/14/2024 1:56:10] Thread[9] Basin Time=0.005 sec

[5/14/2024 1:56:10] Thread[9] BasinPoly Time=0.001 sec

[5/14/2024 1:56:10] Thread[9] Node Time=0.163 sec

[5/14/2024 1:56:10] Thread[9] Link Time=6.222 sec

[5/14/2024 1:56:10] --- Thread Timers --------------------

[5/14/2024 1:56:10] Thread[10] Basin Time=0.006 sec

[5/14/2024 1:56:10] Thread[10] BasinPoly Time=0.003 sec

[5/14/2024 1:56:10] Thread[10] Node Time=0.138 sec

[5/14/2024 1:56:10] Thread[10] Link Time=2.194 sec

[5/14/2024 1:56:10] --- Thread Timers --------------------

[5/14/2024 1:56:10] Thread[11] Basin Time=0.003 sec

[5/14/2024 1:56:10] Thread[11] BasinPoly Time=0.001 sec

[5/14/2024 1:56:10] Thread[11] Node Time=0.139 sec

[5/14/2024 1:56:11] Thread[11] Link Time=1.596 sec

[5/14/2024 1:56:11] --- Thread Timers --------------------

[5/14/2024 1:56:11] Thread[12] Basin Time=0.006 sec

[5/14/2024 1:56:11] Thread[12] BasinPoly Time=0.001 sec

[5/14/2024 1:56:11] Thread[12] Node Time=0.144 sec

[5/14/2024 1:56:11] Thread[12] Link Time=1.403 sec

[5/14/2024 1:56:11] --- Thread Timers --------------------

[5/14/2024 1:56:11] Thread[13] Basin Time=0.003 sec

[5/14/2024 1:56:11] Thread[13] BasinPoly Time=0.001 sec

[5/14/2024 1:56:11] Thread[13] Node Time=0.175 sec

[5/14/2024 1:56:11] Thread[13] Link Time=13.783 sec

[5/14/2024 1:56:11] --- Thread Timers --------------------

[5/14/2024 1:56:11] Thread[14] Basin Time=0.003 sec

[5/14/2024 1:56:12] Thread[14] BasinPoly Time=0.001 sec

[5/14/2024 1:56:12] Thread[14] Node Time=0.139 sec

[5/14/2024 1:56:12] Thread[14] Link Time=8.958 sec

[5/14/2024 1:56:12] --- Thread Timers --------------------

[5/14/2024 1:56:12] Thread[15] Basin Time=0.003 sec

[5/14/2024 1:56:12] Thread[15] BasinPoly Time=0.001 sec

[5/14/2024 1:56:12] Thread[15] Node Time=0.139 sec

[5/14/2024 1:56:12] Thread[15] Link Time=13.042 sec

[5/14/2024 1:56:12] --- Thread Timers --------------------

[5/14/2024 1:56:12] Thread[16] Basin Time=0.003 sec

[5/14/2024 1:56:12] Thread[16] BasinPoly Time=0.001 sec

[5/14/2024 1:56:12] Thread[16] Node Time=0.138 sec

[5/14/2024 1:56:12] Thread[16] Link Time=10.427 sec

[5/14/2024 1:56:13] --- Thread Timers --------------------

[5/14/2024 1:56:13] Thread[17] Basin Time=0.004 sec

[5/14/2024 1:56:13] Thread[17] BasinPoly Time=0.001 sec

[5/14/2024 1:56:13] Thread[17] Node Time=0.151 sec

[5/14/2024 1:56:13] Thread[17] Link Time=8.134 sec

[5/14/2024 1:56:13] --- Thread Timers --------------------

[5/14/2024 1:56:13] Thread[18] Basin Time=0.003 sec

[5/14/2024 1:56:13] Thread[18] BasinPoly Time=0.001 sec

[5/14/2024 1:56:13] Thread[18] Node Time=0.133 sec

[5/14/2024 1:56:13] Thread[18] Link Time=9.610 sec