[5/31/2024 13:19:41]

 threads=-1

 batch=23 of 24

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

 nextsim=C:\Work Space\buttonwood\Scenarios\Sc18\Simulations\Si38\

[5/31/2024 13:19:41] C:\Work Space\buttonwood\Scenarios\Sc18\Simulations\Si26\echo.i4p

[5/31/2024 13:19:41] Reading Simulation

[5/31/2024 13:19:41] Simulation=5YR24HR

[5/31/2024 13:19:41] RunMode=0

[5/31/2024 13:19:41] HotStart=0

[5/31/2024 13:19:42] SaveRestart=0

[5/31/2024 13:19:42] StartYear=0

[5/31/2024 13:19:42] StartMonth=0

[5/31/2024 13:19:42] StartDay=0

[5/31/2024 13:19:42] StartHour=0.000

[5/31/2024 13:19:42] EndYear=0

[5/31/2024 13:19:42] EndMonth=0

[5/31/2024 13:19:42] EndDay=0

[5/31/2024 13:19:42] EndHour=48.000

[5/31/2024 13:19:42] HotstartYear=0

[5/31/2024 13:19:42] HotstartMonth=0

[5/31/2024 13:19:42] HotstartDay=0

[5/31/2024 13:19:42] HotstartHour=0.000

[5/31/2024 13:19:42] MinCalc\_Hydrology=60.000

[5/31/2024 13:19:42] MinCalc\_Hydraulics=0.100

[5/31/2024 13:19:42] MaxCalc\_Hydraulics=30.000

[5/31/2024 13:19:42] MinCalc\_Groundwater=900.000

[5/31/2024 13:19:42] RainfallSet=

[5/31/2024 13:19:42] RefETSet=

[5/31/2024 13:19:42] UnitHydSet=

[5/31/2024 13:19:42] BndStageSet=25YR24HR-MHHWL

[5/31/2024 13:19:42] ExHydSet=

[5/31/2024 13:19:42] CurveNumSet=

[5/31/2024 13:19:42] GreenAmptSet=

[5/31/2024 13:19:42] VertLayerSet=

[5/31/2024 13:19:42] ImpervSet=

[5/31/2024 13:19:42] RoughnessSet=

[5/31/2024 13:19:42] CropCoefSet=

[5/31/2024 13:19:42] PorosSet=

[5/31/2024 13:19:42] ConductSet=

[5/31/2024 13:19:42] LeakageSet=

[5/31/2024 13:19:42] TimeMarching=0

[5/31/2024 13:19:42] MaxIterations=6

[5/31/2024 13:19:42] OverRelaxWeightFactor=0.500

[5/31/2024 13:19:42] dZTolerance=0.001

[5/31/2024 13:19:42] MaxdZ=1.500

[5/31/2024 13:19:42] LinkOptTol=0.000

[5/31/2024 13:19:42] EdgeLengthOpt=0

[5/31/2024 13:19:42] EdgeLengthFactor=0.667

[5/31/2024 13:19:42] DefaultDampThresh2d=0.005

[5/31/2024 13:19:42] MinSurfArea2d=100.000

[5/31/2024 13:19:42] EnergySwitch2d=1

[5/31/2024 13:19:42] IaTime=24.000

[5/31/2024 13:19:42] IncludeETManBasns=0

[5/31/2024 13:19:42] VertLayerSoln=0

[5/31/2024 13:19:42] RainOptManBasns=1

[5/31/2024 13:19:42] RainOptOF=1

[5/31/2024 13:19:42] RainName=~FLMOD

[5/31/2024 13:19:42] RainAmount=5.940

[5/31/2024 13:19:42] StormDur=24.000

[5/31/2024 13:19:43] DefaultDampThresh1D=0.005

[5/31/2024 13:19:43] MinNodeSurfArea1D=100.000

[5/31/2024 13:19:43] EnergySwitch1D=1

[5/31/2024 13:19:43] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 13:19:43] 19 threads [20 cores detected]

[5/31/2024 13:19:43] SolutionMethod=SAOR

[5/31/2024 13:19:43] No \_ET.TXT

[5/31/2024 13:19:43] No \_EV.TXT

[5/31/2024 13:19:43] Reading Operating Tables

[5/31/2024 13:19:43] Reading Cross Sections

[5/31/2024 13:19:43] Reading 1D Nodes

[5/31/2024 13:19:43] Reading Overland Flow Nodes

[5/31/2024 13:19:43] Reading 1D Channels

[5/31/2024 13:19:43] Setting up channel ghost nodes

[5/31/2024 13:19:43] Reading Pipes

[5/31/2024 13:19:43] Reading Rating Curves

[5/31/2024 13:19:43] Reading Weirs

[5/31/2024 13:19:43] Reading Drop Structures

[5/31/2024 13:19:43] Reading Breaches

[5/31/2024 13:19:43] Reading Percs

[5/31/2024 13:19:43] Reading Overland Flow Channels

[5/31/2024 13:19:43] Reading Overland Flow Weirs

[5/31/2024 13:19:43] Setting up ghost nodes

[5/31/2024 13:19:43] Reading Manual Basins

[5/31/2024 13:19:44] Reading Overland Flow Basins

[5/31/2024 13:19:44] Sorting basins

[5/31/2024 13:19:44] Reading Basin Features

[5/31/2024 13:19:44] Reading Groundwater

[5/31/2024 13:19:44] Initializing threads

[5/31/2024 13:19:44] Build Complete

[5/31/2024 13:19:44] Total basin area=47.340

[5/31/2024 13:19:44] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 13:19:44]

[5/31/2024 13:19:44] --- Hydrology Counts -----------------------------------------------

[5/31/2024 13:19:44] Total Basin = 28

[5/31/2024 13:19:44] Direct Basin = 0

[5/31/2024 13:19:44] Manual NRCS Basin = 0

[5/31/2024 13:19:44] Manual SB Basin = 0

[5/31/2024 13:19:44] Mapped NRCS Basin = 0

[5/31/2024 13:19:44] Mapped SB Basin = 0

[5/31/2024 13:19:44] Simple NRCS Basin = 28

[5/31/2024 13:19:44] Simple SB Basin = 0

[5/31/2024 13:19:44] Total Basin Polygon = 28

[5/31/2024 13:19:44] Manual Basin Polygon = 0

[5/31/2024 13:19:44] Mapped Basin Polygon = 0

[5/31/2024 13:19:45] 2D Basin Polygon = 0

[5/31/2024 13:19:45] Crop = 0

[5/31/2024 13:19:45] Reference ET = 0

[5/31/2024 13:19:45] Rainfall = 1

[5/31/2024 13:19:45] Green Ampt Parameter = 0

[5/31/2024 13:19:45] Vert Layer Parameter = 0

[5/31/2024 13:19:45] Curve Number Parameter = 29

[5/31/2024 13:19:45] Imperviousness = 29

[5/31/2024 13:19:45]

[5/31/2024 13:19:45] --- Routing Counts -------------------------------------------------

[5/31/2024 13:19:45] Region = 0

[5/31/2024 13:19:45] Total Node = 55

[5/31/2024 13:19:45] 1D Stage Area = 52

[5/31/2024 13:19:45] 1D Time Stage = 3

[5/31/2024 13:19:45] 1D Drop Nodes = 0

[5/31/2024 13:19:45] 2D Stage Area = 0

[5/31/2024 13:19:45] 2D Time Stage = 0

[5/31/2024 13:19:45] 2D Pond Ghost = 0

[5/31/2024 13:19:46] 2D Chan Ghost = 0

[5/31/2024 13:19:46] 1D/2D Node Interfaces = 0

[5/31/2024 13:19:46] 1D/2D Injection Wells = 0

[5/31/2024 13:19:46] Total Link = 86

[5/31/2024 13:19:46] 1D Pipe = 27

[5/31/2024 13:19:46] 1D Drop Structure = 1

[5/31/2024 13:19:46] 1D French Drain = 0

[5/31/2024 13:19:46] 1D Channel = 2

[5/31/2024 13:19:46] 2D Channel = 0

[5/31/2024 13:19:46] 1D Weir = 54

[5/31/2024 13:19:46] 1D Drop Weir = 2

[5/31/2024 13:19:46] 2D Weir = 0

[5/31/2024 13:19:46] 1D Rating Curve = 0

[5/31/2024 13:19:46] 1D Percolation = 0

[5/31/2024 13:19:46] Cross Section = 36

[5/31/2024 13:19:46] Operating Table = 0

[5/31/2024 13:19:46]

[5/31/2024 13:19:47] --- Groundwater Counts ---------------------------------------------

[5/31/2024 13:19:47] Region = 0

[5/31/2024 13:19:47] Triangle = 0

[5/31/2024 13:19:47] Vertex = 0

[5/31/2024 13:19:47] Midpoint = 0

[5/31/2024 13:19:47] --------------------------------------------------------------------

[5/31/2024 13:19:47]

[5/31/2024 13:19:47] Processing Initial Link Flows...

[5/31/2024 13:19:47] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 13:19:47] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:47] Node N-BTW-01 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:47] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:47] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:48] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 13:19:48] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:48] Node N-BTW-17 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:48] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:48] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:48] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:48] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:48] Node N-BTW-13A caused a revert (this will only be logged once per node)

[5/31/2024 13:19:48] Node N-BTW-14 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:49] Node N-BTW-24 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:49] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:49] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:49] Node N-BTW-23 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:49] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:49] Node N-BTW-07 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:50] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 13:20:33] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 13:20:34] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 13:20:35] Node N-BTW-25 caused a revert (this will only be logged once per node)

[5/31/2024 13:20:37] Node N-BTW-16B caused a revert (this will only be logged once per node)

[5/31/2024 13:21:13] Conduit Optimizer Total Count=12341592 of 15087548

[5/31/2024 13:21:13] PC busted 117 of 253292

[5/31/2024 13:21:13] Average Iterations was 1.127

[5/31/2024 13:21:13] Average dt was 0.71611 sec

[5/31/2024 13:21:13] Revert count=11951

[5/31/2024 13:21:13]

[5/31/2024 13:21:13] ---- Timers -----------------------------

[5/31/2024 13:21:13] Total Time=85.625 sec

[5/31/2024 13:21:13] Basin Time=0.011 sec

[5/31/2024 13:21:13] BasinPoly Time=0.021 sec

[5/31/2024 13:21:13] Node Time=2.558 sec

[5/31/2024 13:21:13] Link Time=75.992 sec

[5/31/2024 13:21:13] Hydrology Output Time=2.207 sec

[5/31/2024 13:21:13] Groundwater Output Time=0.001 sec

[5/31/2024 13:21:13] Routing Output Time=2.564 sec

[5/31/2024 13:21:13] --- Thread Timers --------------------

[5/31/2024 13:21:13] Thread[0] Basin Time=0.005 sec

[5/31/2024 13:21:13] Thread[0] BasinPoly Time=0.001 sec

[5/31/2024 13:21:13] Thread[0] Node Time=0.311 sec

[5/31/2024 13:21:13] Thread[0] Link Time=32.298 sec

[5/31/2024 13:21:14] --- Thread Timers --------------------

[5/31/2024 13:21:14] Thread[1] Basin Time=0.005 sec

[5/31/2024 13:21:14] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 13:21:14] Thread[1] Node Time=0.375 sec

[5/31/2024 13:21:14] Thread[1] Link Time=37.879 sec

[5/31/2024 13:21:14] --- Thread Timers --------------------

[5/31/2024 13:21:14] Thread[2] Basin Time=0.008 sec

[5/31/2024 13:21:14] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 13:21:14] Thread[2] Node Time=0.376 sec

[5/31/2024 13:21:14] Thread[2] Link Time=37.984 sec

[5/31/2024 13:21:14] --- Thread Timers --------------------

[5/31/2024 13:21:14] Thread[3] Basin Time=0.005 sec

[5/31/2024 13:21:14] Thread[3] BasinPoly Time=0.001 sec

[5/31/2024 13:21:14] Thread[3] Node Time=0.350 sec

[5/31/2024 13:21:14] Thread[3] Link Time=38.490 sec

[5/31/2024 13:21:14] --- Thread Timers --------------------

[5/31/2024 13:21:14] Thread[4] Basin Time=0.008 sec

[5/31/2024 13:21:14] Thread[4] BasinPoly Time=0.001 sec

[5/31/2024 13:21:14] Thread[4] Node Time=0.362 sec

[5/31/2024 13:21:14] Thread[4] Link Time=55.256 sec

[5/31/2024 13:21:14] --- Thread Timers --------------------

[5/31/2024 13:21:14] Thread[5] Basin Time=0.006 sec

[5/31/2024 13:21:14] Thread[5] BasinPoly Time=0.001 sec

[5/31/2024 13:21:14] Thread[5] Node Time=0.377 sec

[5/31/2024 13:21:14] Thread[5] Link Time=10.428 sec

[5/31/2024 13:21:15] --- Thread Timers --------------------

[5/31/2024 13:21:15] Thread[6] Basin Time=0.005 sec

[5/31/2024 13:21:15] Thread[6] BasinPoly Time=0.001 sec

[5/31/2024 13:21:15] Thread[6] Node Time=0.379 sec

[5/31/2024 13:21:15] Thread[6] Link Time=4.982 sec

[5/31/2024 13:21:15] --- Thread Timers --------------------

[5/31/2024 13:21:15] Thread[7] Basin Time=0.006 sec

[5/31/2024 13:21:15] Thread[7] BasinPoly Time=0.001 sec

[5/31/2024 13:21:15] Thread[7] Node Time=0.385 sec

[5/31/2024 13:21:15] Thread[7] Link Time=37.511 sec

[5/31/2024 13:21:15] --- Thread Timers --------------------

[5/31/2024 13:21:15] Thread[8] Basin Time=0.005 sec

[5/31/2024 13:21:16] Thread[8] BasinPoly Time=0.001 sec

[5/31/2024 13:21:16] Thread[8] Node Time=0.341 sec

[5/31/2024 13:21:16] Thread[8] Link Time=14.247 sec

[5/31/2024 13:21:16] --- Thread Timers --------------------

[5/31/2024 13:21:16] Thread[9] Basin Time=0.003 sec

[5/31/2024 13:21:16] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 13:21:16] Thread[9] Node Time=0.349 sec

[5/31/2024 13:21:16] Thread[9] Link Time=13.479 sec

[5/31/2024 13:21:16] --- Thread Timers --------------------

[5/31/2024 13:21:16] Thread[10] Basin Time=0.003 sec

[5/31/2024 13:21:16] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 13:21:16] Thread[10] Node Time=0.335 sec

[5/31/2024 13:21:16] Thread[10] Link Time=36.110 sec

[5/31/2024 13:21:16] --- Thread Timers --------------------

[5/31/2024 13:21:17] Thread[11] Basin Time=0.003 sec

[5/31/2024 13:21:17] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 13:21:17] Thread[11] Node Time=0.345 sec

[5/31/2024 13:21:17] Thread[11] Link Time=5.512 sec

[5/31/2024 13:21:17] --- Thread Timers --------------------

[5/31/2024 13:21:17] Thread[12] Basin Time=0.003 sec

[5/31/2024 13:21:17] Thread[12] BasinPoly Time=0.001 sec

[5/31/2024 13:21:17] Thread[12] Node Time=0.364 sec

[5/31/2024 13:21:17] Thread[12] Link Time=1.946 sec

[5/31/2024 13:21:17] --- Thread Timers --------------------

[5/31/2024 13:21:17] Thread[13] Basin Time=0.003 sec

[5/31/2024 13:21:17] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 13:21:18] Thread[13] Node Time=0.334 sec

[5/31/2024 13:21:18] Thread[13] Link Time=4.951 sec

[5/31/2024 13:21:18] --- Thread Timers --------------------

[5/31/2024 13:21:18] Thread[14] Basin Time=0.003 sec

[5/31/2024 13:21:18] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 13:21:18] Thread[14] Node Time=0.342 sec

[5/31/2024 13:21:18] Thread[14] Link Time=3.511 sec

[5/31/2024 13:21:18] --- Thread Timers --------------------

[5/31/2024 13:21:18] Thread[15] Basin Time=0.003 sec

[5/31/2024 13:21:18] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 13:21:18] Thread[15] Node Time=0.284 sec

[5/31/2024 13:21:18] Thread[15] Link Time=6.068 sec

[5/31/2024 13:21:18] --- Thread Timers --------------------

[5/31/2024 13:21:18] Thread[16] Basin Time=0.003 sec

[5/31/2024 13:21:19] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 13:21:19] Thread[16] Node Time=0.302 sec

[5/31/2024 13:21:19] Thread[16] Link Time=5.911 sec

[5/31/2024 13:21:19] --- Thread Timers --------------------

[5/31/2024 13:21:19] Thread[17] Basin Time=0.003 sec

[5/31/2024 13:21:19] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 13:21:19] Thread[17] Node Time=0.235 sec

[5/31/2024 13:21:19] Thread[17] Link Time=1.800 sec

[5/31/2024 13:21:19] --- Thread Timers --------------------

[5/31/2024 13:21:19] Thread[18] Basin Time=0.003 sec

[5/31/2024 13:21:19] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 13:21:20] Thread[18] Node Time=0.245 sec

[5/31/2024 13:21:20] Thread[18] Link Time=21.584 sec