[5/31/2024 13:17:08]

 threads=-1

 batch=22 of 24

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

 nextsim=C:\Work Space\buttonwood\Scenarios\Sc18\Simulations\Si26\

[5/31/2024 13:17:08] C:\Work Space\buttonwood\Scenarios\Sc18\Simulations\Si37\echo.i4p

[5/31/2024 13:17:08] Reading Simulation

[5/31/2024 13:17:08] Simulation=50YR24HR-2.36

[5/31/2024 13:17:08] RunMode=0

[5/31/2024 13:17:08] HotStart=0

[5/31/2024 13:17:08] SaveRestart=0

[5/31/2024 13:17:08] StartYear=0

[5/31/2024 13:17:08] StartMonth=0

[5/31/2024 13:17:08] StartDay=0

[5/31/2024 13:17:08] StartHour=0.000

[5/31/2024 13:17:08] EndYear=0

[5/31/2024 13:17:08] EndMonth=0

[5/31/2024 13:17:08] EndDay=0

[5/31/2024 13:17:08] EndHour=48.000

[5/31/2024 13:17:08] HotstartYear=0

[5/31/2024 13:17:08] HotstartMonth=0

[5/31/2024 13:17:08] HotstartDay=0

[5/31/2024 13:17:08] HotstartHour=0.000

[5/31/2024 13:17:08] MinCalc\_Hydrology=60.000

[5/31/2024 13:17:08] MinCalc\_Hydraulics=0.100

[5/31/2024 13:17:08] MaxCalc\_Hydraulics=30.000

[5/31/2024 13:17:08] MinCalc\_Groundwater=900.000

[5/31/2024 13:17:08] RainfallSet=

[5/31/2024 13:17:08] RefETSet=

[5/31/2024 13:17:08] UnitHydSet=

[5/31/2024 13:17:08] BndStageSet=25YR24HR-2.36

[5/31/2024 13:17:08] ExHydSet=

[5/31/2024 13:17:08] CurveNumSet=

[5/31/2024 13:17:08] GreenAmptSet=

[5/31/2024 13:17:08] VertLayerSet=

[5/31/2024 13:17:08] ImpervSet=

[5/31/2024 13:17:08] RoughnessSet=

[5/31/2024 13:17:08] CropCoefSet=

[5/31/2024 13:17:08] PorosSet=

[5/31/2024 13:17:08] ConductSet=

[5/31/2024 13:17:08] LeakageSet=

[5/31/2024 13:17:08] TimeMarching=0

[5/31/2024 13:17:08] MaxIterations=6

[5/31/2024 13:17:08] OverRelaxWeightFactor=0.500

[5/31/2024 13:17:08] dZTolerance=0.001

[5/31/2024 13:17:08] MaxdZ=1.500

[5/31/2024 13:17:08] LinkOptTol=0.000

[5/31/2024 13:17:08] EdgeLengthOpt=871056896

[5/31/2024 13:17:08] EdgeLengthFactor=0.667

[5/31/2024 13:17:08] DefaultDampThresh2d=0.005

[5/31/2024 13:17:08] MinSurfArea2d=100.000

[5/31/2024 13:17:08] EnergySwitch2d=1

[5/31/2024 13:17:08] IaTime=24.000

[5/31/2024 13:17:08] IncludeETManBasns=0

[5/31/2024 13:17:08] VertLayerSoln=0

[5/31/2024 13:17:09] RainOptManBasns=1

[5/31/2024 13:17:09] RainOptOF=1

[5/31/2024 13:17:09] RainName=~FLMOD

[5/31/2024 13:17:09] RainAmount=10.500

[5/31/2024 13:17:09] StormDur=24.000

[5/31/2024 13:17:09] DefaultDampThresh1D=0.005

[5/31/2024 13:17:09] MinNodeSurfArea1D=100.000

[5/31/2024 13:17:09] EnergySwitch1D=1

[5/31/2024 13:17:09] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 13:17:09] 19 threads [20 cores detected]

[5/31/2024 13:17:09] SolutionMethod=SAOR

[5/31/2024 13:17:09] No \_ET.TXT

[5/31/2024 13:17:09] No \_EV.TXT

[5/31/2024 13:17:09] Reading Operating Tables

[5/31/2024 13:17:09] Reading Cross Sections

[5/31/2024 13:17:09] Reading 1D Nodes

[5/31/2024 13:17:09] Reading Overland Flow Nodes

[5/31/2024 13:17:09] Reading 1D Channels

[5/31/2024 13:17:09] Setting up channel ghost nodes

[5/31/2024 13:17:09] Reading Pipes

[5/31/2024 13:17:09] Reading Rating Curves

[5/31/2024 13:17:09] Reading Weirs

[5/31/2024 13:17:09] Reading Drop Structures

[5/31/2024 13:17:09] Reading Breaches

[5/31/2024 13:17:09] Reading Percs

[5/31/2024 13:17:09] Reading Overland Flow Channels

[5/31/2024 13:17:09] Reading Overland Flow Weirs

[5/31/2024 13:17:09] Setting up ghost nodes

[5/31/2024 13:17:09] Reading Manual Basins

[5/31/2024 13:17:10] Reading Overland Flow Basins

[5/31/2024 13:17:10] Sorting basins

[5/31/2024 13:17:10] Reading Basin Features

[5/31/2024 13:17:10] Reading Groundwater

[5/31/2024 13:17:10] Initializing threads

[5/31/2024 13:17:10] Build Complete

[5/31/2024 13:17:10] Total basin area=47.340

[5/31/2024 13:17:10] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 13:17:10]

[5/31/2024 13:17:10] --- Hydrology Counts -----------------------------------------------

[5/31/2024 13:17:10] Total Basin = 28

[5/31/2024 13:17:10] Direct Basin = 0

[5/31/2024 13:17:10] Manual NRCS Basin = 0

[5/31/2024 13:17:10] Manual SB Basin = 0

[5/31/2024 13:17:10] Mapped NRCS Basin = 0

[5/31/2024 13:17:10] Mapped SB Basin = 0

[5/31/2024 13:17:10] Simple NRCS Basin = 28

[5/31/2024 13:17:11] Simple SB Basin = 0

[5/31/2024 13:17:11] Total Basin Polygon = 28

[5/31/2024 13:17:11] Manual Basin Polygon = 0

[5/31/2024 13:17:11] Mapped Basin Polygon = 0

[5/31/2024 13:17:11] 2D Basin Polygon = 0

[5/31/2024 13:17:11] Crop = 0

[5/31/2024 13:17:11] Reference ET = 0

[5/31/2024 13:17:11] Rainfall = 1

[5/31/2024 13:17:11] Green Ampt Parameter = 0

[5/31/2024 13:17:11] Vert Layer Parameter = 0

[5/31/2024 13:17:11] Curve Number Parameter = 29

[5/31/2024 13:17:11] Imperviousness = 29

[5/31/2024 13:17:11]

[5/31/2024 13:17:11] --- Routing Counts -------------------------------------------------

[5/31/2024 13:17:11] Region = 0

[5/31/2024 13:17:11] Total Node = 55

[5/31/2024 13:17:11] 1D Stage Area = 52

[5/31/2024 13:17:11] 1D Time Stage = 3

[5/31/2024 13:17:11] 1D Drop Nodes = 0

[5/31/2024 13:17:11] 2D Stage Area = 0

[5/31/2024 13:17:11] 2D Time Stage = 0

[5/31/2024 13:17:11] 2D Pond Ghost = 0

[5/31/2024 13:17:12] 2D Chan Ghost = 0

[5/31/2024 13:17:12] 1D/2D Node Interfaces = 0

[5/31/2024 13:17:12] 1D/2D Injection Wells = 0

[5/31/2024 13:17:12] Total Link = 86

[5/31/2024 13:17:12] 1D Pipe = 27

[5/31/2024 13:17:12] 1D Drop Structure = 1

[5/31/2024 13:17:12] 1D French Drain = 0

[5/31/2024 13:17:12] 1D Channel = 2

[5/31/2024 13:17:12] 2D Channel = 0

[5/31/2024 13:17:12] 1D Weir = 54

[5/31/2024 13:17:12] 1D Drop Weir = 2

[5/31/2024 13:17:12] 2D Weir = 0

[5/31/2024 13:17:12] 1D Rating Curve = 0

[5/31/2024 13:17:12] 1D Percolation = 0

[5/31/2024 13:17:12] Cross Section = 36

[5/31/2024 13:17:12] Operating Table = 0

[5/31/2024 13:17:12]

[5/31/2024 13:17:13] --- Groundwater Counts ---------------------------------------------

[5/31/2024 13:17:13] Region = 0

[5/31/2024 13:17:13] Triangle = 0

[5/31/2024 13:17:13] Vertex = 0

[5/31/2024 13:17:13] Midpoint = 0

[5/31/2024 13:17:13] --------------------------------------------------------------------

[5/31/2024 13:17:13]

[5/31/2024 13:17:13] Processing Initial Link Flows...

[5/31/2024 13:17:13] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 13:17:13] Node N-BTW-11 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:13] Node N-BTW-12 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:13] Node N-BTW-24 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:13] Node N-BTW-10 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:13] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:13] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:14] Node N-BTW-23 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:14] Node N-BTW-10B caused a revert (this will only be logged once per node)

[5/31/2024 13:17:16] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 13:17:16] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:17] Node N-BTW-07 caused a revert (this will only be logged once per node)

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

[5/31/2024 13:17:17] Node N-BTW-08 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:17] Node N-BTW-09 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:18] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:18] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:18] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 13:17:19] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 13:18:24] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 13:18:31] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 13:18:31] Node N-BTW-25 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:33] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:33] Node N-BTW-01 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:33] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:34] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:34] Node N-BTW-17B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:34] Node N-BTW-18B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:34] Node N-BTW-19B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:34] Node N-BTW-20B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:35] Node N-BTW-25B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:35] Node N-BTW-26B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:35] Node N-BTW-27B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:35] Node N-BTW-01B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:35] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:35] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:36] Node N-BTW-14 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:36] Node N-BTW-13A caused a revert (this will only be logged once per node)

[5/31/2024 13:19:37] Node N-BTW-16B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:38] Node N-BTW-13 caused a revert (this will only be logged once per node)

[5/31/2024 13:19:38] Node N-BTW-11B caused a revert (this will only be logged once per node)

[5/31/2024 13:19:41] Conduit Optimizer Total Count=22514148 of 26446644

[5/31/2024 13:19:41] PC busted 301 of 406610

[5/31/2024 13:19:41] Average Iterations was 1.323

[5/31/2024 13:19:41] Average dt was 0.44525 sec

[5/31/2024 13:19:41] Revert count=18507

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

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

[5/31/2024 13:19:42] Total Time=148.297 sec

[5/31/2024 13:19:42] Basin Time=0.014 sec

[5/31/2024 13:19:42] BasinPoly Time=0.018 sec

[5/31/2024 13:19:42] Node Time=9.550 sec

[5/31/2024 13:19:42] Link Time=118.246 sec

[5/31/2024 13:19:42] Hydrology Output Time=12.565 sec

[5/31/2024 13:19:42] Groundwater Output Time=0.001 sec

[5/31/2024 13:19:42] Routing Output Time=3.609 sec

[5/31/2024 13:19:42] --- Thread Timers --------------------

[5/31/2024 13:19:42] Thread[0] Basin Time=0.005 sec

[5/31/2024 13:19:42] Thread[0] BasinPoly Time=0.002 sec

[5/31/2024 13:19:42] Thread[0] Node Time=0.551 sec

[5/31/2024 13:19:42] Thread[0] Link Time=46.996 sec

[5/31/2024 13:19:42] --- Thread Timers --------------------

[5/31/2024 13:19:42] Thread[1] Basin Time=0.007 sec

[5/31/2024 13:19:42] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 13:19:42] Thread[1] Node Time=0.748 sec

[5/31/2024 13:19:42] Thread[1] Link Time=60.644 sec

[5/31/2024 13:19:42] --- Thread Timers --------------------

[5/31/2024 13:19:42] Thread[2] Basin Time=0.009 sec

[5/31/2024 13:19:42] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 13:19:42] Thread[2] Node Time=0.659 sec

[5/31/2024 13:19:42] Thread[2] Link Time=58.089 sec

[5/31/2024 13:19:42] --- Thread Timers --------------------

[5/31/2024 13:19:42] Thread[3] Basin Time=0.007 sec

[5/31/2024 13:19:42] Thread[3] BasinPoly Time=0.002 sec

[5/31/2024 13:19:42] Thread[3] Node Time=0.672 sec

[5/31/2024 13:19:42] Thread[3] Link Time=55.475 sec

[5/31/2024 13:19:42] --- Thread Timers --------------------

[5/31/2024 13:19:42] Thread[4] Basin Time=0.011 sec

[5/31/2024 13:19:43] Thread[4] BasinPoly Time=0.002 sec

[5/31/2024 13:19:43] Thread[4] Node Time=0.641 sec

[5/31/2024 13:19:43] Thread[4] Link Time=63.428 sec

[5/31/2024 13:19:43] --- Thread Timers --------------------

[5/31/2024 13:19:43] Thread[5] Basin Time=0.007 sec

[5/31/2024 13:19:43] Thread[5] BasinPoly Time=0.002 sec

[5/31/2024 13:19:43] Thread[5] Node Time=0.681 sec

[5/31/2024 13:19:43] Thread[5] Link Time=2.468 sec

[5/31/2024 13:19:43] --- Thread Timers --------------------

[5/31/2024 13:19:43] Thread[6] Basin Time=0.006 sec

[5/31/2024 13:19:43] Thread[6] BasinPoly Time=0.002 sec

[5/31/2024 13:19:43] Thread[6] Node Time=0.703 sec

[5/31/2024 13:19:43] Thread[6] Link Time=5.848 sec

[5/31/2024 13:19:43] --- Thread Timers --------------------

[5/31/2024 13:19:43] Thread[7] Basin Time=0.007 sec

[5/31/2024 13:19:44] Thread[7] BasinPoly Time=0.002 sec

[5/31/2024 13:19:44] Thread[7] Node Time=1.337 sec

[5/31/2024 13:19:44] Thread[7] Link Time=72.754 sec

[5/31/2024 13:19:44] --- Thread Timers --------------------

[5/31/2024 13:19:44] Thread[8] Basin Time=0.006 sec

[5/31/2024 13:19:44] Thread[8] BasinPoly Time=0.002 sec

[5/31/2024 13:19:44] Thread[8] Node Time=0.595 sec

[5/31/2024 13:19:44] Thread[8] Link Time=22.635 sec

[5/31/2024 13:19:44] --- Thread Timers --------------------

[5/31/2024 13:19:44] Thread[9] Basin Time=0.004 sec

[5/31/2024 13:19:44] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 13:19:44] Thread[9] Node Time=0.606 sec

[5/31/2024 13:19:44] Thread[9] Link Time=15.348 sec

[5/31/2024 13:19:44] --- Thread Timers --------------------

[5/31/2024 13:19:45] Thread[10] Basin Time=0.003 sec

[5/31/2024 13:19:45] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 13:19:45] Thread[10] Node Time=0.573 sec

[5/31/2024 13:19:45] Thread[10] Link Time=60.499 sec

[5/31/2024 13:19:45] --- Thread Timers --------------------

[5/31/2024 13:19:45] Thread[11] Basin Time=0.004 sec

[5/31/2024 13:19:45] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 13:19:45] Thread[11] Node Time=0.766 sec

[5/31/2024 13:19:45] Thread[11] Link Time=1.969 sec

[5/31/2024 13:19:45] --- Thread Timers --------------------

[5/31/2024 13:19:45] Thread[12] Basin Time=0.005 sec

[5/31/2024 13:19:45] Thread[12] BasinPoly Time=0.001 sec

[5/31/2024 13:19:46] Thread[12] Node Time=0.610 sec

[5/31/2024 13:19:46] Thread[12] Link Time=32.433 sec

[5/31/2024 13:19:46] --- Thread Timers --------------------

[5/31/2024 13:19:46] Thread[13] Basin Time=0.003 sec

[5/31/2024 13:19:46] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 13:19:46] Thread[13] Node Time=0.577 sec

[5/31/2024 13:19:46] Thread[13] Link Time=4.435 sec

[5/31/2024 13:19:46] --- Thread Timers --------------------

[5/31/2024 13:19:46] Thread[14] Basin Time=0.004 sec

[5/31/2024 13:19:46] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 13:19:46] Thread[14] Node Time=0.674 sec

[5/31/2024 13:19:46] Thread[14] Link Time=4.959 sec

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

[5/31/2024 13:19:47] Thread[15] Basin Time=0.004 sec

[5/31/2024 13:19:47] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 13:19:47] Thread[15] Node Time=0.516 sec

[5/31/2024 13:19:47] Thread[15] Link Time=5.506 sec

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

[5/31/2024 13:19:47] Thread[16] Basin Time=0.003 sec

[5/31/2024 13:19:47] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 13:19:47] Thread[16] Node Time=0.527 sec

[5/31/2024 13:19:47] Thread[16] Link Time=6.396 sec

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

[5/31/2024 13:19:48] Thread[17] Basin Time=0.003 sec

[5/31/2024 13:19:48] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 13:19:48] Thread[17] Node Time=0.383 sec

[5/31/2024 13:19:48] Thread[17] Link Time=8.064 sec

[5/31/2024 13:19:48] --- Thread Timers --------------------

[5/31/2024 13:19:48] Thread[18] Basin Time=0.004 sec

[5/31/2024 13:19:48] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 13:19:48] Thread[18] Node Time=0.462 sec

[5/31/2024 13:19:48] Thread[18] Link Time=16.104 sec