[5/31/2024 12:48:53]

 threads=-1

 batch=9 of 24

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

 nextsim=C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si32\

[5/31/2024 12:48:53] C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si23\echo.i4p

[5/31/2024 12:48:53] Reading Simulation

[5/31/2024 12:48:53] Simulation=50YR24HR

[5/31/2024 12:48:53] RunMode=0

[5/31/2024 12:48:53] HotStart=0

[5/31/2024 12:48:53] SaveRestart=0

[5/31/2024 12:48:53] StartYear=0

[5/31/2024 12:48:53] StartMonth=0

[5/31/2024 12:48:53] StartDay=0

[5/31/2024 12:48:53] StartHour=0.000

[5/31/2024 12:48:53] EndYear=0

[5/31/2024 12:48:53] EndMonth=0

[5/31/2024 12:48:53] EndDay=0

[5/31/2024 12:48:53] EndHour=48.000

[5/31/2024 12:48:53] HotstartYear=0

[5/31/2024 12:48:53] HotstartMonth=0

[5/31/2024 12:48:53] HotstartDay=0

[5/31/2024 12:48:53] HotstartHour=0.000

[5/31/2024 12:48:53] MinCalc\_Hydrology=60.000

[5/31/2024 12:48:53] MinCalc\_Hydraulics=0.100

[5/31/2024 12:48:53] MaxCalc\_Hydraulics=30.000

[5/31/2024 12:48:53] MinCalc\_Groundwater=900.000

[5/31/2024 12:48:53] RainfallSet=

[5/31/2024 12:48:53] RefETSet=

[5/31/2024 12:48:53] UnitHydSet=

[5/31/2024 12:48:53] BndStageSet=25YR24HR-MHHWL

[5/31/2024 12:48:53] ExHydSet=

[5/31/2024 12:48:53] CurveNumSet=

[5/31/2024 12:48:53] GreenAmptSet=

[5/31/2024 12:48:53] VertLayerSet=

[5/31/2024 12:48:53] ImpervSet=

[5/31/2024 12:48:53] RoughnessSet=

[5/31/2024 12:48:53] CropCoefSet=

[5/31/2024 12:48:54] PorosSet=

[5/31/2024 12:48:54] ConductSet=

[5/31/2024 12:48:54] LeakageSet=

[5/31/2024 12:48:54] TimeMarching=0

[5/31/2024 12:48:54] MaxIterations=6

[5/31/2024 12:48:54] OverRelaxWeightFactor=0.500

[5/31/2024 12:48:54] dZTolerance=0.001

[5/31/2024 12:48:54] MaxdZ=1.500

[5/31/2024 12:48:54] LinkOptTol=0.000

[5/31/2024 12:48:54] EdgeLengthOpt=0

[5/31/2024 12:48:54] EdgeLengthFactor=0.667

[5/31/2024 12:48:54] DefaultDampThresh2d=0.005

[5/31/2024 12:48:54] MinSurfArea2d=100.000

[5/31/2024 12:48:54] EnergySwitch2d=1

[5/31/2024 12:48:54] IaTime=24.000

[5/31/2024 12:48:54] IncludeETManBasns=0

[5/31/2024 12:48:54] VertLayerSoln=0

[5/31/2024 12:48:54] RainOptManBasns=1

[5/31/2024 12:48:54] RainOptOF=1

[5/31/2024 12:48:54] RainName=~FLMOD

[5/31/2024 12:48:54] RainAmount=10.500

[5/31/2024 12:48:54] StormDur=24.000

[5/31/2024 12:48:54] DefaultDampThresh1D=0.005

[5/31/2024 12:48:54] MinNodeSurfArea1D=100.000

[5/31/2024 12:48:54] EnergySwitch1D=1

[5/31/2024 12:48:54] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 12:48:54] 19 threads [20 cores detected]

[5/31/2024 12:48:54] SolutionMethod=SAOR

[5/31/2024 12:48:54] No \_ET.TXT

[5/31/2024 12:48:54] No \_EV.TXT

[5/31/2024 12:48:54] Reading Operating Tables

[5/31/2024 12:48:54] Reading Cross Sections

[5/31/2024 12:48:55] Reading 1D Nodes

[5/31/2024 12:48:55] Reading Overland Flow Nodes

[5/31/2024 12:48:55] Reading 1D Channels

[5/31/2024 12:48:55] Setting up channel ghost nodes

[5/31/2024 12:48:55] Reading Pipes

[5/31/2024 12:48:55] Reading Rating Curves

[5/31/2024 12:48:55] Reading Weirs

[5/31/2024 12:48:55] Reading Drop Structures

[5/31/2024 12:48:55] Reading Breaches

[5/31/2024 12:48:56] Reading Percs

[5/31/2024 12:48:56] Reading Overland Flow Channels

[5/31/2024 12:48:56] Reading Overland Flow Weirs

[5/31/2024 12:48:56] Setting up ghost nodes

[5/31/2024 12:48:56] Reading Manual Basins

[5/31/2024 12:48:56] Reading Overland Flow Basins

[5/31/2024 12:48:56] Sorting basins

[5/31/2024 12:48:56] Reading Basin Features

[5/31/2024 12:48:56] Reading Groundwater

[5/31/2024 12:48:56] Initializing threads

[5/31/2024 12:48:56] Build Complete

[5/31/2024 12:48:56] Total basin area=47.340

[5/31/2024 12:48:56] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 12:48:56]

[5/31/2024 12:48:57] --- Hydrology Counts -----------------------------------------------

[5/31/2024 12:48:57] Total Basin = 28

[5/31/2024 12:48:57] Direct Basin = 0

[5/31/2024 12:48:57] Manual NRCS Basin = 0

[5/31/2024 12:48:57] Manual SB Basin = 0

[5/31/2024 12:48:57] Mapped NRCS Basin = 0

[5/31/2024 12:48:57] Mapped SB Basin = 0

[5/31/2024 12:48:57] Simple NRCS Basin = 28

[5/31/2024 12:48:57] Simple SB Basin = 0

[5/31/2024 12:48:57] Total Basin Polygon = 28

[5/31/2024 12:48:58] Manual Basin Polygon = 0

[5/31/2024 12:48:58] Mapped Basin Polygon = 0

[5/31/2024 12:48:58] 2D Basin Polygon = 0

[5/31/2024 12:48:58] Crop = 0

[5/31/2024 12:48:58] Reference ET = 0

[5/31/2024 12:48:58] Rainfall = 1

[5/31/2024 12:48:58] Green Ampt Parameter = 0

[5/31/2024 12:48:58] Vert Layer Parameter = 0

[5/31/2024 12:48:58] Curve Number Parameter = 29

[5/31/2024 12:48:58] Imperviousness = 29

[5/31/2024 12:48:58]

[5/31/2024 12:48:58] --- Routing Counts -------------------------------------------------

[5/31/2024 12:48:59] Region = 0

[5/31/2024 12:48:59] Total Node = 54

[5/31/2024 12:48:59] 1D Stage Area = 52

[5/31/2024 12:48:59] 1D Time Stage = 2

[5/31/2024 12:48:59] 1D Drop Nodes = 0

[5/31/2024 12:48:59] 2D Stage Area = 0

[5/31/2024 12:49:00] 2D Time Stage = 0

[5/31/2024 12:49:00] 2D Pond Ghost = 0

[5/31/2024 12:49:00] 2D Chan Ghost = 0

[5/31/2024 12:49:00] 1D/2D Node Interfaces = 0

[5/31/2024 12:49:00] 1D/2D Injection Wells = 0

[5/31/2024 12:49:00] Total Link = 85

[5/31/2024 12:49:00] 1D Pipe = 26

[5/31/2024 12:49:00] 1D Drop Structure = 1

[5/31/2024 12:49:00] 1D French Drain = 0

[5/31/2024 12:49:01] 1D Channel = 2

[5/31/2024 12:49:01] 2D Channel = 0

[5/31/2024 12:49:01] 1D Weir = 54

[5/31/2024 12:49:01] 1D Drop Weir = 2

[5/31/2024 12:49:01] 2D Weir = 0

[5/31/2024 12:49:01] 1D Rating Curve = 0

[5/31/2024 12:49:01] 1D Percolation = 0

[5/31/2024 12:49:01] Cross Section = 36

[5/31/2024 12:49:01] Operating Table = 0

[5/31/2024 12:49:02]

[5/31/2024 12:49:02] --- Groundwater Counts ---------------------------------------------

[5/31/2024 12:49:02] Region = 0

[5/31/2024 12:49:02] Triangle = 0

[5/31/2024 12:49:02] Vertex = 0

[5/31/2024 12:49:02] Midpoint = 0

[5/31/2024 12:49:02] --------------------------------------------------------------------

[5/31/2024 12:49:02]

[5/31/2024 12:49:02] Processing Initial Link Flows...

[5/31/2024 12:49:02] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 12:49:02] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:02] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:02] Node N-BTW-09 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:02] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:02] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:03] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 12:49:03] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:03] Node N-BTW-17 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:04] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:04] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:04] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:06] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:13] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:45] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:45] Node N-BTW-25 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:48] Node N-BTW-08 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:49] Node N-BTW-07 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:49] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 12:49:58] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 12:50:33] Node N-BTW-06B caused a revert (this will only be logged once per node)

[5/31/2024 12:50:34] Node N-BTW-07B caused a revert (this will only be logged once per node)

[5/31/2024 12:50:43] Node N-BTW-09B caused a revert (this will only be logged once per node)

[5/31/2024 12:50:43] Node N-BTW-08B caused a revert (this will only be logged once per node)

[5/31/2024 12:50:56] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 12:50:56] Node N-BTW-05B caused a revert (this will only be logged once per node)

[5/31/2024 12:51:19] Node N-BTW-24 caused a revert (this will only be logged once per node)

[5/31/2024 12:51:21] Node N-BTW-13A caused a revert (this will only be logged once per node)

[5/31/2024 12:51:22] Node N-BTW-14 caused a revert (this will only be logged once per node)

[5/31/2024 12:51:23] Node N-BTW-23 caused a revert (this will only be logged once per node)

[5/31/2024 12:51:32] Conduit Optimizer Total Count=13895762 of 18307072

[5/31/2024 12:51:32] PC busted 142 of 287352

[5/31/2024 12:51:32] Average Iterations was 1.275

[5/31/2024 12:51:32] Average dt was 0.63124 sec

[5/31/2024 12:51:32] Revert count=13562

[5/31/2024 12:51:32]

[5/31/2024 12:51:32] ---- Timers -----------------------------

[5/31/2024 12:51:32] Total Time=150.286 sec

[5/31/2024 12:51:32] Basin Time=0.014 sec

[5/31/2024 12:51:33] BasinPoly Time=0.007 sec

[5/31/2024 12:51:33] Node Time=6.079 sec

[5/31/2024 12:51:33] Link Time=122.696 sec

[5/31/2024 12:51:33] Hydrology Output Time=7.972 sec

[5/31/2024 12:51:33] Groundwater Output Time=0.002 sec

[5/31/2024 12:51:33] Routing Output Time=10.053 sec

[5/31/2024 12:51:33] --- Thread Timers --------------------

[5/31/2024 12:51:33] Thread[0] Basin Time=0.006 sec

[5/31/2024 12:51:33] Thread[0] BasinPoly Time=0.001 sec

[5/31/2024 12:51:33] Thread[0] Node Time=0.403 sec

[5/31/2024 12:51:33] Thread[0] Link Time=55.517 sec

[5/31/2024 12:51:33] --- Thread Timers --------------------

[5/31/2024 12:51:33] Thread[1] Basin Time=0.006 sec

[5/31/2024 12:51:33] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 12:51:33] Thread[1] Node Time=0.435 sec

[5/31/2024 12:51:33] Thread[1] Link Time=51.172 sec

[5/31/2024 12:51:33] --- Thread Timers --------------------

[5/31/2024 12:51:33] Thread[2] Basin Time=0.009 sec

[5/31/2024 12:51:33] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 12:51:33] Thread[2] Node Time=0.476 sec

[5/31/2024 12:51:33] Thread[2] Link Time=60.321 sec

[5/31/2024 12:51:33] --- Thread Timers --------------------

[5/31/2024 12:51:33] Thread[3] Basin Time=0.006 sec

[5/31/2024 12:51:33] Thread[3] BasinPoly Time=0.002 sec

[5/31/2024 12:51:33] Thread[3] Node Time=0.441 sec

[5/31/2024 12:51:33] Thread[3] Link Time=96.156 sec

[5/31/2024 12:51:33] --- Thread Timers --------------------

[5/31/2024 12:51:33] Thread[4] Basin Time=0.011 sec

[5/31/2024 12:51:33] Thread[4] BasinPoly Time=0.002 sec

[5/31/2024 12:51:33] Thread[4] Node Time=0.454 sec

[5/31/2024 12:51:33] Thread[4] Link Time=20.311 sec

[5/31/2024 12:51:34] --- Thread Timers --------------------

[5/31/2024 12:51:34] Thread[5] Basin Time=0.007 sec

[5/31/2024 12:51:34] Thread[5] BasinPoly Time=0.002 sec

[5/31/2024 12:51:34] Thread[5] Node Time=0.464 sec

[5/31/2024 12:51:34] Thread[5] Link Time=5.375 sec

[5/31/2024 12:51:34] --- Thread Timers --------------------

[5/31/2024 12:51:34] Thread[6] Basin Time=0.006 sec

[5/31/2024 12:51:34] Thread[6] BasinPoly Time=0.002 sec

[5/31/2024 12:51:34] Thread[6] Node Time=0.495 sec

[5/31/2024 12:51:34] Thread[6] Link Time=67.200 sec

[5/31/2024 12:51:34] --- Thread Timers --------------------

[5/31/2024 12:51:34] Thread[7] Basin Time=0.007 sec

[5/31/2024 12:51:34] Thread[7] BasinPoly Time=0.002 sec

[5/31/2024 12:51:35] Thread[7] Node Time=0.474 sec

[5/31/2024 12:51:35] Thread[7] Link Time=34.976 sec

[5/31/2024 12:51:35] --- Thread Timers --------------------

[5/31/2024 12:51:35] Thread[8] Basin Time=0.006 sec

[5/31/2024 12:51:35] Thread[8] BasinPoly Time=0.001 sec

[5/31/2024 12:51:35] Thread[8] Node Time=0.409 sec

[5/31/2024 12:51:35] Thread[8] Link Time=28.618 sec

[5/31/2024 12:51:35] --- Thread Timers --------------------

[5/31/2024 12:51:35] Thread[9] Basin Time=0.004 sec

[5/31/2024 12:51:35] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 12:51:35] Thread[9] Node Time=0.449 sec

[5/31/2024 12:51:35] Thread[9] Link Time=54.994 sec

[5/31/2024 12:51:36] --- Thread Timers --------------------

[5/31/2024 12:51:36] Thread[10] Basin Time=0.003 sec

[5/31/2024 12:51:36] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 12:51:36] Thread[10] Node Time=0.409 sec

[5/31/2024 12:51:36] Thread[10] Link Time=45.537 sec

[5/31/2024 12:51:36] --- Thread Timers --------------------

[5/31/2024 12:51:36] Thread[11] Basin Time=0.004 sec

[5/31/2024 12:51:36] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 12:51:36] Thread[11] Node Time=0.443 sec

[5/31/2024 12:51:37] Thread[11] Link Time=3.317 sec

[5/31/2024 12:51:37] --- Thread Timers --------------------

[5/31/2024 12:51:37] Thread[12] Basin Time=0.004 sec

[5/31/2024 12:51:37] Thread[12] BasinPoly Time=0.001 sec

[5/31/2024 12:51:37] Thread[12] Node Time=0.455 sec

[5/31/2024 12:51:37] Thread[12] Link Time=4.777 sec

[5/31/2024 12:51:37] --- Thread Timers --------------------

[5/31/2024 12:51:37] Thread[13] Basin Time=0.003 sec

[5/31/2024 12:51:38] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 12:51:38] Thread[13] Node Time=0.402 sec

[5/31/2024 12:51:38] Thread[13] Link Time=5.992 sec

[5/31/2024 12:51:38] --- Thread Timers --------------------

[5/31/2024 12:51:38] Thread[14] Basin Time=0.004 sec

[5/31/2024 12:51:38] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 12:51:38] Thread[14] Node Time=0.415 sec

[5/31/2024 12:51:38] Thread[14] Link Time=7.779 sec

[5/31/2024 12:51:39] --- Thread Timers --------------------

[5/31/2024 12:51:39] Thread[15] Basin Time=0.004 sec

[5/31/2024 12:51:39] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 12:51:39] Thread[15] Node Time=0.354 sec

[5/31/2024 12:51:39] Thread[15] Link Time=8.396 sec

[5/31/2024 12:51:39] --- Thread Timers --------------------

[5/31/2024 12:51:39] Thread[16] Basin Time=0.003 sec

[5/31/2024 12:51:39] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 12:51:39] Thread[16] Node Time=0.316 sec

[5/31/2024 12:51:40] Thread[16] Link Time=3.941 sec

[5/31/2024 12:51:40] --- Thread Timers --------------------

[5/31/2024 12:51:40] Thread[17] Basin Time=0.004 sec

[5/31/2024 12:51:40] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 12:51:40] Thread[17] Node Time=0.273 sec

[5/31/2024 12:51:40] Thread[17] Link Time=33.260 sec

[5/31/2024 12:51:40] --- Thread Timers --------------------

[5/31/2024 12:51:40] Thread[18] Basin Time=0.003 sec

[5/31/2024 12:51:40] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 12:51:41] Thread[18] Node Time=0.322 sec

[5/31/2024 12:51:41] Thread[18] Link Time=48.789 sec