[5/31/2024 12:54:39]

 threads=-1

 batch=11 of 24

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

 nextsim=C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si33\

[5/31/2024 12:54:39] C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si25\echo.i4p

[5/31/2024 12:54:39] Reading Simulation

[5/31/2024 12:54:39] Simulation=5YR24HR

[5/31/2024 12:54:39] RunMode=0

[5/31/2024 12:54:39] HotStart=0

[5/31/2024 12:54:39] SaveRestart=0

[5/31/2024 12:54:39] StartYear=0

[5/31/2024 12:54:39] StartMonth=0

[5/31/2024 12:54:39] StartDay=0

[5/31/2024 12:54:39] StartHour=0.000

[5/31/2024 12:54:39] EndYear=0

[5/31/2024 12:54:39] EndMonth=0

[5/31/2024 12:54:39] EndDay=0

[5/31/2024 12:54:39] EndHour=48.000

[5/31/2024 12:54:39] HotstartYear=0

[5/31/2024 12:54:39] HotstartMonth=0

[5/31/2024 12:54:39] HotstartDay=0

[5/31/2024 12:54:39] HotstartHour=0.000

[5/31/2024 12:54:39] MinCalc\_Hydrology=60.000

[5/31/2024 12:54:39] MinCalc\_Hydraulics=0.100

[5/31/2024 12:54:39] MaxCalc\_Hydraulics=30.000

[5/31/2024 12:54:39] MinCalc\_Groundwater=900.000

[5/31/2024 12:54:39] RainfallSet=

[5/31/2024 12:54:39] RefETSet=

[5/31/2024 12:54:39] UnitHydSet=

[5/31/2024 12:54:39] BndStageSet=25YR24HR-MHHWL

[5/31/2024 12:54:39] ExHydSet=

[5/31/2024 12:54:39] CurveNumSet=

[5/31/2024 12:54:39] GreenAmptSet=

[5/31/2024 12:54:39] VertLayerSet=

[5/31/2024 12:54:39] ImpervSet=

[5/31/2024 12:54:39] RoughnessSet=

[5/31/2024 12:54:39] CropCoefSet=

[5/31/2024 12:54:39] PorosSet=

[5/31/2024 12:54:39] ConductSet=

[5/31/2024 12:54:39] LeakageSet=

[5/31/2024 12:54:39] TimeMarching=0

[5/31/2024 12:54:39] MaxIterations=6

[5/31/2024 12:54:39] OverRelaxWeightFactor=0.500

[5/31/2024 12:54:39] dZTolerance=0.001

[5/31/2024 12:54:39] MaxdZ=1.500

[5/31/2024 12:54:39] LinkOptTol=0.000

[5/31/2024 12:54:40] EdgeLengthOpt=0

[5/31/2024 12:54:40] EdgeLengthFactor=0.667

[5/31/2024 12:54:40] DefaultDampThresh2d=0.005

[5/31/2024 12:54:40] MinSurfArea2d=100.000

[5/31/2024 12:54:40] EnergySwitch2d=1

[5/31/2024 12:54:40] IaTime=24.000

[5/31/2024 12:54:40] IncludeETManBasns=0

[5/31/2024 12:54:40] VertLayerSoln=0

[5/31/2024 12:54:40] RainOptManBasns=1

[5/31/2024 12:54:40] RainOptOF=1

[5/31/2024 12:54:40] RainName=~FLMOD

[5/31/2024 12:54:40] RainAmount=5.940

[5/31/2024 12:54:40] StormDur=24.000

[5/31/2024 12:54:40] DefaultDampThresh1D=0.005

[5/31/2024 12:54:40] MinNodeSurfArea1D=100.000

[5/31/2024 12:54:40] EnergySwitch1D=1

[5/31/2024 12:54:40] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 12:54:40] 19 threads [20 cores detected]

[5/31/2024 12:54:40] SolutionMethod=SAOR

[5/31/2024 12:54:40] No \_ET.TXT

[5/31/2024 12:54:40] No \_EV.TXT

[5/31/2024 12:54:40] Reading Operating Tables

[5/31/2024 12:54:40] Reading Cross Sections

[5/31/2024 12:54:40] Reading 1D Nodes

[5/31/2024 12:54:40] Reading Overland Flow Nodes

[5/31/2024 12:54:40] Reading 1D Channels

[5/31/2024 12:54:40] Setting up channel ghost nodes

[5/31/2024 12:54:40] Reading Pipes

[5/31/2024 12:54:40] Reading Rating Curves

[5/31/2024 12:54:40] Reading Weirs

[5/31/2024 12:54:41] Reading Drop Structures

[5/31/2024 12:54:41] Reading Breaches

[5/31/2024 12:54:41] Reading Percs

[5/31/2024 12:54:41] Reading Overland Flow Channels

[5/31/2024 12:54:41] Reading Overland Flow Weirs

[5/31/2024 12:54:41] Setting up ghost nodes

[5/31/2024 12:54:41] Reading Manual Basins

[5/31/2024 12:54:41] Reading Overland Flow Basins

[5/31/2024 12:54:41] Sorting basins

[5/31/2024 12:54:41] Reading Basin Features

[5/31/2024 12:54:41] Reading Groundwater

[5/31/2024 12:54:41] Initializing threads

[5/31/2024 12:54:42] Build Complete

[5/31/2024 12:54:42] Total basin area=47.340

[5/31/2024 12:54:42] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 12:54:42]

[5/31/2024 12:54:42] --- Hydrology Counts -----------------------------------------------

[5/31/2024 12:54:42] Total Basin = 28

[5/31/2024 12:54:42] Direct Basin = 0

[5/31/2024 12:54:42] Manual NRCS Basin = 0

[5/31/2024 12:54:42] Manual SB Basin = 0

[5/31/2024 12:54:42] Mapped NRCS Basin = 0

[5/31/2024 12:54:42] Mapped SB Basin = 0

[5/31/2024 12:54:42] Simple NRCS Basin = 28

[5/31/2024 12:54:42] Simple SB Basin = 0

[5/31/2024 12:54:42] Total Basin Polygon = 28

[5/31/2024 12:54:42] Manual Basin Polygon = 0

[5/31/2024 12:54:42] Mapped Basin Polygon = 0

[5/31/2024 12:54:42] 2D Basin Polygon = 0

[5/31/2024 12:54:42] Crop = 0

[5/31/2024 12:54:42] Reference ET = 0

[5/31/2024 12:54:42] Rainfall = 1

[5/31/2024 12:54:43] Green Ampt Parameter = 0

[5/31/2024 12:54:43] Vert Layer Parameter = 0

[5/31/2024 12:54:43] Curve Number Parameter = 29

[5/31/2024 12:54:43] Imperviousness = 29

[5/31/2024 12:54:43]

[5/31/2024 12:54:43] --- Routing Counts -------------------------------------------------

[5/31/2024 12:54:43] Region = 0

[5/31/2024 12:54:43] Total Node = 54

[5/31/2024 12:54:43] 1D Stage Area = 52

[5/31/2024 12:54:43] 1D Time Stage = 2

[5/31/2024 12:54:43] 1D Drop Nodes = 0

[5/31/2024 12:54:43] 2D Stage Area = 0

[5/31/2024 12:54:43] 2D Time Stage = 0

[5/31/2024 12:54:43] 2D Pond Ghost = 0

[5/31/2024 12:54:43] 2D Chan Ghost = 0

[5/31/2024 12:54:43] 1D/2D Node Interfaces = 0

[5/31/2024 12:54:43] 1D/2D Injection Wells = 0

[5/31/2024 12:54:43] Total Link = 85

[5/31/2024 12:54:43] 1D Pipe = 26

[5/31/2024 12:54:44] 1D Drop Structure = 1

[5/31/2024 12:54:44] 1D French Drain = 0

[5/31/2024 12:54:44] 1D Channel = 2

[5/31/2024 12:54:44] 2D Channel = 0

[5/31/2024 12:54:44] 1D Weir = 54

[5/31/2024 12:54:44] 1D Drop Weir = 2

[5/31/2024 12:54:44] 2D Weir = 0

[5/31/2024 12:54:44] 1D Rating Curve = 0

[5/31/2024 12:54:44] 1D Percolation = 0

[5/31/2024 12:54:44] Cross Section = 36

[5/31/2024 12:54:44] Operating Table = 0

[5/31/2024 12:54:44]

[5/31/2024 12:54:44] --- Groundwater Counts ---------------------------------------------

[5/31/2024 12:54:44] Region = 0

[5/31/2024 12:54:44] Triangle = 0

[5/31/2024 12:54:44] Vertex = 0

[5/31/2024 12:54:44] Midpoint = 0

[5/31/2024 12:54:44] --------------------------------------------------------------------

[5/31/2024 12:54:44]

[5/31/2024 12:54:45] Processing Initial Link Flows...

[5/31/2024 12:54:45] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 12:54:45] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:45] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:45] Node N-BTW-09 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:45] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:45] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:45] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 12:54:45] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:45] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:45] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:46] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:46] Node N-BTW-17 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:46] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 12:54:46] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 12:55:19] Node N-BTW-08 caused a revert (this will only be logged once per node)

[5/31/2024 12:55:21] Node N-BTW-07 caused a revert (this will only be logged once per node)

[5/31/2024 12:55:21] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 12:55:40] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 12:55:40] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 12:55:43] Node N-BTW-25 caused a revert (this will only be logged once per node)

[5/31/2024 12:55:46] Node N-BTW-08B caused a revert (this will only be logged once per node)

[5/31/2024 12:55:53] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 12:55:53] Node N-BTW-05B caused a revert (this will only be logged once per node)

[5/31/2024 12:56:52] Node N-BTW-24 caused a revert (this will only be logged once per node)

[5/31/2024 12:56:53] Node N-BTW-13A caused a revert (this will only be logged once per node)

[5/31/2024 12:56:53] Node N-BTW-14 caused a revert (this will only be logged once per node)

[5/31/2024 12:56:53] Node N-BTW-23 caused a revert (this will only be logged once per node)

[5/31/2024 12:56:58] Conduit Optimizer Total Count=16110419 of 21221480

[5/31/2024 12:56:58] PC busted 158 of 350627

[5/31/2024 12:56:58] Average Iterations was 1.162

[5/31/2024 12:56:58] Average dt was 0.51773 sec

[5/31/2024 12:56:58] Revert count=16859

[5/31/2024 12:56:58]

[5/31/2024 12:56:58] ---- Timers -----------------------------

[5/31/2024 12:56:58] Total Time=132.966 sec

[5/31/2024 12:56:58] Basin Time=0.023 sec

[5/31/2024 12:56:58] BasinPoly Time=0.026 sec

[5/31/2024 12:56:58] Node Time=6.019 sec

[5/31/2024 12:56:58] Link Time=118.953 sec

[5/31/2024 12:56:58] Hydrology Output Time=2.506 sec

[5/31/2024 12:56:58] Groundwater Output Time=0.002 sec

[5/31/2024 12:56:58] Routing Output Time=2.399 sec

[5/31/2024 12:56:58] --- Thread Timers --------------------

[5/31/2024 12:56:58] Thread[0] Basin Time=0.005 sec

[5/31/2024 12:56:58] Thread[0] BasinPoly Time=0.001 sec

[5/31/2024 12:56:58] Thread[0] Node Time=0.452 sec

[5/31/2024 12:56:58] Thread[0] Link Time=67.739 sec

[5/31/2024 12:56:58] --- Thread Timers --------------------

[5/31/2024 12:56:58] Thread[1] Basin Time=0.006 sec

[5/31/2024 12:56:58] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 12:56:58] Thread[1] Node Time=0.497 sec

[5/31/2024 12:56:58] Thread[1] Link Time=64.162 sec

[5/31/2024 12:56:58] --- Thread Timers --------------------

[5/31/2024 12:56:58] Thread[2] Basin Time=0.009 sec

[5/31/2024 12:56:58] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 12:56:58] Thread[2] Node Time=0.510 sec

[5/31/2024 12:56:58] Thread[2] Link Time=71.485 sec

[5/31/2024 12:56:59] --- Thread Timers --------------------

[5/31/2024 12:56:59] Thread[3] Basin Time=0.006 sec

[5/31/2024 12:56:59] Thread[3] BasinPoly Time=0.002 sec

[5/31/2024 12:56:59] Thread[3] Node Time=0.509 sec

[5/31/2024 12:56:59] Thread[3] Link Time=91.003 sec

[5/31/2024 12:56:59] --- Thread Timers --------------------

[5/31/2024 12:56:59] Thread[4] Basin Time=0.010 sec

[5/31/2024 12:56:59] Thread[4] BasinPoly Time=0.002 sec

[5/31/2024 12:56:59] Thread[4] Node Time=0.514 sec

[5/31/2024 12:56:59] Thread[4] Link Time=17.963 sec

[5/31/2024 12:56:59] --- Thread Timers --------------------

[5/31/2024 12:56:59] Thread[5] Basin Time=0.006 sec

[5/31/2024 12:56:59] Thread[5] BasinPoly Time=0.002 sec

[5/31/2024 12:56:59] Thread[5] Node Time=0.545 sec

[5/31/2024 12:56:59] Thread[5] Link Time=5.886 sec

[5/31/2024 12:56:59] --- Thread Timers --------------------

[5/31/2024 12:56:59] Thread[6] Basin Time=0.006 sec

[5/31/2024 12:56:59] Thread[6] BasinPoly Time=0.002 sec

[5/31/2024 12:56:59] Thread[6] Node Time=0.522 sec

[5/31/2024 12:56:59] Thread[6] Link Time=71.750 sec

[5/31/2024 12:56:59] --- Thread Timers --------------------

[5/31/2024 12:56:59] Thread[7] Basin Time=0.007 sec

[5/31/2024 12:56:59] Thread[7] BasinPoly Time=0.002 sec

[5/31/2024 12:56:59] Thread[7] Node Time=0.540 sec

[5/31/2024 12:56:59] Thread[7] Link Time=22.549 sec

[5/31/2024 12:56:59] --- Thread Timers --------------------

[5/31/2024 12:57:00] Thread[8] Basin Time=0.006 sec

[5/31/2024 12:57:00] Thread[8] BasinPoly Time=0.001 sec

[5/31/2024 12:57:00] Thread[8] Node Time=0.476 sec

[5/31/2024 12:57:00] Thread[8] Link Time=17.246 sec

[5/31/2024 12:57:00] --- Thread Timers --------------------

[5/31/2024 12:57:00] Thread[9] Basin Time=0.003 sec

[5/31/2024 12:57:00] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 12:57:00] Thread[9] Node Time=0.472 sec

[5/31/2024 12:57:00] Thread[9] Link Time=65.633 sec

[5/31/2024 12:57:00] --- Thread Timers --------------------

[5/31/2024 12:57:00] Thread[10] Basin Time=0.003 sec

[5/31/2024 12:57:01] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 12:57:01] Thread[10] Node Time=0.474 sec

[5/31/2024 12:57:01] Thread[10] Link Time=59.067 sec

[5/31/2024 12:57:01] --- Thread Timers --------------------

[5/31/2024 12:57:01] Thread[11] Basin Time=0.004 sec

[5/31/2024 12:57:01] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 12:57:01] Thread[11] Node Time=0.481 sec

[5/31/2024 12:57:01] Thread[11] Link Time=2.547 sec

[5/31/2024 12:57:01] --- Thread Timers --------------------

[5/31/2024 12:57:01] Thread[12] Basin Time=0.004 sec

[5/31/2024 12:57:01] Thread[12] BasinPoly Time=0.001 sec

[5/31/2024 12:57:01] Thread[12] Node Time=0.503 sec

[5/31/2024 12:57:01] Thread[12] Link Time=4.414 sec

[5/31/2024 12:57:01] --- Thread Timers --------------------

[5/31/2024 12:57:02] Thread[13] Basin Time=0.003 sec

[5/31/2024 12:57:02] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 12:57:02] Thread[13] Node Time=0.453 sec

[5/31/2024 12:57:02] Thread[13] Link Time=3.818 sec

[5/31/2024 12:57:02] --- Thread Timers --------------------

[5/31/2024 12:57:02] Thread[14] Basin Time=0.004 sec

[5/31/2024 12:57:02] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 12:57:02] Thread[14] Node Time=0.469 sec

[5/31/2024 12:57:02] Thread[14] Link Time=6.340 sec

[5/31/2024 12:57:02] --- Thread Timers --------------------

[5/31/2024 12:57:02] Thread[15] Basin Time=0.003 sec

[5/31/2024 12:57:03] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 12:57:03] Thread[15] Node Time=0.418 sec

[5/31/2024 12:57:03] Thread[15] Link Time=6.453 sec

[5/31/2024 12:57:03] --- Thread Timers --------------------

[5/31/2024 12:57:03] Thread[16] Basin Time=0.003 sec

[5/31/2024 12:57:03] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 12:57:03] Thread[16] Node Time=0.380 sec

[5/31/2024 12:57:03] Thread[16] Link Time=2.190 sec

[5/31/2024 12:57:03] --- Thread Timers --------------------

[5/31/2024 12:57:03] Thread[17] Basin Time=0.003 sec

[5/31/2024 12:57:03] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 12:57:03] Thread[17] Node Time=0.327 sec

[5/31/2024 12:57:04] Thread[17] Link Time=50.464 sec

[5/31/2024 12:57:04] --- Thread Timers --------------------

[5/31/2024 12:57:04] Thread[18] Basin Time=0.003 sec

[5/31/2024 12:57:04] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 12:57:04] Thread[18] Node Time=0.362 sec

[5/31/2024 12:57:04] Thread[18] Link Time=63.684 sec