[5/31/2024 13:07:57]

 threads=-1

 batch=17 of 24

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

 nextsim=C:\Work Space\buttonwood\Scenarios\Sc18\Simulations\Si35\

[5/31/2024 13:07:57] C:\Work Space\buttonwood\Scenarios\Sc18\Simulations\Si21\echo.i4p

[5/31/2024 13:07:57] Reading Simulation

[5/31/2024 13:07:57] Simulation=2.33YR24HR

[5/31/2024 13:07:57] RunMode=0

[5/31/2024 13:07:57] HotStart=0

[5/31/2024 13:07:57] SaveRestart=0

[5/31/2024 13:07:57] StartYear=0

[5/31/2024 13:07:57] StartMonth=0

[5/31/2024 13:07:57] StartDay=0

[5/31/2024 13:07:57] StartHour=0.000

[5/31/2024 13:07:57] EndYear=0

[5/31/2024 13:07:57] EndMonth=0

[5/31/2024 13:07:57] EndDay=0

[5/31/2024 13:07:57] EndHour=48.000

[5/31/2024 13:07:57] HotstartYear=0

[5/31/2024 13:07:57] HotstartMonth=0

[5/31/2024 13:07:58] HotstartDay=0

[5/31/2024 13:07:58] HotstartHour=0.000

[5/31/2024 13:07:58] MinCalc\_Hydrology=60.000

[5/31/2024 13:07:58] MinCalc\_Hydraulics=0.100

[5/31/2024 13:07:58] MaxCalc\_Hydraulics=30.000

[5/31/2024 13:07:58] MinCalc\_Groundwater=900.000

[5/31/2024 13:07:58] RainfallSet=

[5/31/2024 13:07:58] RefETSet=

[5/31/2024 13:07:58] UnitHydSet=

[5/31/2024 13:07:58] BndStageSet=25YR24HR-MHHWL

[5/31/2024 13:07:58] ExHydSet=

[5/31/2024 13:07:58] CurveNumSet=

[5/31/2024 13:07:58] GreenAmptSet=

[5/31/2024 13:07:58] VertLayerSet=

[5/31/2024 13:07:58] ImpervSet=

[5/31/2024 13:07:58] RoughnessSet=

[5/31/2024 13:07:58] CropCoefSet=

[5/31/2024 13:07:58] PorosSet=

[5/31/2024 13:07:58] ConductSet=

[5/31/2024 13:07:58] LeakageSet=

[5/31/2024 13:07:58] TimeMarching=0

[5/31/2024 13:07:58] MaxIterations=6

[5/31/2024 13:07:58] OverRelaxWeightFactor=0.500

[5/31/2024 13:07:58] dZTolerance=0.001

[5/31/2024 13:07:58] MaxdZ=1.500

[5/31/2024 13:07:58] LinkOptTol=0.000

[5/31/2024 13:07:58] EdgeLengthOpt=0

[5/31/2024 13:07:58] EdgeLengthFactor=0.667

[5/31/2024 13:07:58] DefaultDampThresh2d=0.005

[5/31/2024 13:07:58] MinSurfArea2d=100.000

[5/31/2024 13:07:58] EnergySwitch2d=1

[5/31/2024 13:07:58] IaTime=24.000

[5/31/2024 13:07:58] IncludeETManBasns=0

[5/31/2024 13:07:58] VertLayerSoln=0

[5/31/2024 13:07:58] RainOptManBasns=1

[5/31/2024 13:07:58] RainOptOF=1

[5/31/2024 13:07:58] RainName=~FLMOD

[5/31/2024 13:07:58] RainAmount=4.820

[5/31/2024 13:07:58] StormDur=24.000

[5/31/2024 13:07:58] DefaultDampThresh1D=0.005

[5/31/2024 13:07:58] MinNodeSurfArea1D=100.000

[5/31/2024 13:07:58] EnergySwitch1D=1

[5/31/2024 13:07:58] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 13:07:58] 19 threads [20 cores detected]

[5/31/2024 13:07:58] SolutionMethod=SAOR

[5/31/2024 13:07:58] No \_ET.TXT

[5/31/2024 13:07:58] No \_EV.TXT

[5/31/2024 13:07:58] Reading Operating Tables

[5/31/2024 13:07:58] Reading Cross Sections

[5/31/2024 13:07:59] Reading 1D Nodes

[5/31/2024 13:07:59] Reading Overland Flow Nodes

[5/31/2024 13:07:59] Reading 1D Channels

[5/31/2024 13:07:59] Setting up channel ghost nodes

[5/31/2024 13:07:59] Reading Pipes

[5/31/2024 13:07:59] Reading Rating Curves

[5/31/2024 13:07:59] Reading Weirs

[5/31/2024 13:07:59] Reading Drop Structures

[5/31/2024 13:07:59] Reading Breaches

[5/31/2024 13:07:59] Reading Percs

[5/31/2024 13:07:59] Reading Overland Flow Channels

[5/31/2024 13:07:59] Reading Overland Flow Weirs

[5/31/2024 13:07:59] Setting up ghost nodes

[5/31/2024 13:07:59] Reading Manual Basins

[5/31/2024 13:07:59] Reading Overland Flow Basins

[5/31/2024 13:07:59] Sorting basins

[5/31/2024 13:07:59] Reading Basin Features

[5/31/2024 13:07:59] Reading Groundwater

[5/31/2024 13:07:59] Initializing threads

[5/31/2024 13:07:59] Build Complete

[5/31/2024 13:08:00] Total basin area=47.340

[5/31/2024 13:08:00] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 13:08:00]

[5/31/2024 13:08:00] --- Hydrology Counts -----------------------------------------------

[5/31/2024 13:08:00] Total Basin = 28

[5/31/2024 13:08:00] Direct Basin = 0

[5/31/2024 13:08:00] Manual NRCS Basin = 0

[5/31/2024 13:08:00] Manual SB Basin = 0

[5/31/2024 13:08:00] Mapped NRCS Basin = 0

[5/31/2024 13:08:00] Mapped SB Basin = 0

[5/31/2024 13:08:00] Simple NRCS Basin = 28

[5/31/2024 13:08:00] Simple SB Basin = 0

[5/31/2024 13:08:00] Total Basin Polygon = 28

[5/31/2024 13:08:00] Manual Basin Polygon = 0

[5/31/2024 13:08:00] Mapped Basin Polygon = 0

[5/31/2024 13:08:00] 2D Basin Polygon = 0

[5/31/2024 13:08:00] Crop = 0

[5/31/2024 13:08:00] Reference ET = 0

[5/31/2024 13:08:00] Rainfall = 1

[5/31/2024 13:08:01] Green Ampt Parameter = 0

[5/31/2024 13:08:01] Vert Layer Parameter = 0

[5/31/2024 13:08:01] Curve Number Parameter = 29

[5/31/2024 13:08:01] Imperviousness = 29

[5/31/2024 13:08:01]

[5/31/2024 13:08:01] --- Routing Counts -------------------------------------------------

[5/31/2024 13:08:01] Region = 0

[5/31/2024 13:08:01] Total Node = 55

[5/31/2024 13:08:01] 1D Stage Area = 52

[5/31/2024 13:08:01] 1D Time Stage = 3

[5/31/2024 13:08:01] 1D Drop Nodes = 0

[5/31/2024 13:08:01] 2D Stage Area = 0

[5/31/2024 13:08:01] 2D Time Stage = 0

[5/31/2024 13:08:01] 2D Pond Ghost = 0

[5/31/2024 13:08:01] 2D Chan Ghost = 0

[5/31/2024 13:08:01] 1D/2D Node Interfaces = 0

[5/31/2024 13:08:01] 1D/2D Injection Wells = 0

[5/31/2024 13:08:02] Total Link = 86

[5/31/2024 13:08:02] 1D Pipe = 27

[5/31/2024 13:08:02] 1D Drop Structure = 1

[5/31/2024 13:08:02] 1D French Drain = 0

[5/31/2024 13:08:02] 1D Channel = 2

[5/31/2024 13:08:02] 2D Channel = 0

[5/31/2024 13:08:02] 1D Weir = 54

[5/31/2024 13:08:02] 1D Drop Weir = 2

[5/31/2024 13:08:02] 2D Weir = 0

[5/31/2024 13:08:02] 1D Rating Curve = 0

[5/31/2024 13:08:02] 1D Percolation = 0

[5/31/2024 13:08:02] Cross Section = 36

[5/31/2024 13:08:02] Operating Table = 0

[5/31/2024 13:08:02]

[5/31/2024 13:08:02] --- Groundwater Counts ---------------------------------------------

[5/31/2024 13:08:02] Region = 0

[5/31/2024 13:08:02] Triangle = 0

[5/31/2024 13:08:02] Vertex = 0

[5/31/2024 13:08:03] Midpoint = 0

[5/31/2024 13:08:03] --------------------------------------------------------------------

[5/31/2024 13:08:03]

[5/31/2024 13:08:03] Processing Initial Link Flows...

[5/31/2024 13:08:03] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 13:08:03] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:03] Node N-BTW-01 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:03] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:03] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:03] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 13:08:03] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:03] Node N-BTW-17 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:04] Node N-BTW-14 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:04] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:04] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:04] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:04] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:04] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:04] Node N-BTW-24 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:05] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:05] Node N-BTW-23 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:05] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:05] Node N-BTW-07 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:06] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:30] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:30] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 13:08:31] Node N-BTW-25 caused a revert (this will only be logged once per node)

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

[5/31/2024 13:09:15] Conduit Optimizer Total Count=10278296 of 12533192

[5/31/2024 13:09:15] PC busted 125 of 210894

[5/31/2024 13:09:15] Average Iterations was 1.122

[5/31/2024 13:09:15] Average dt was 0.85991 sec

[5/31/2024 13:09:15] Revert count=9915

[5/31/2024 13:09:15]

[5/31/2024 13:09:15] ---- Timers -----------------------------

[5/31/2024 13:09:16] Total Time=72.347 sec

[5/31/2024 13:09:16] Basin Time=0.012 sec

[5/31/2024 13:09:16] BasinPoly Time=0.009 sec

[5/31/2024 13:09:16] Node Time=3.553 sec

[5/31/2024 13:09:16] Link Time=55.906 sec

[5/31/2024 13:09:16] Hydrology Output Time=5.281 sec

[5/31/2024 13:09:16] Groundwater Output Time=0.002 sec

[5/31/2024 13:09:16] Routing Output Time=4.537 sec

[5/31/2024 13:09:16] --- Thread Timers --------------------

[5/31/2024 13:09:16] Thread[0] Basin Time=0.004 sec

[5/31/2024 13:09:16] Thread[0] BasinPoly Time=0.001 sec

[5/31/2024 13:09:16] Thread[0] Node Time=0.265 sec

[5/31/2024 13:09:16] Thread[0] Link Time=29.632 sec

[5/31/2024 13:09:16] --- Thread Timers --------------------

[5/31/2024 13:09:16] Thread[1] Basin Time=0.005 sec

[5/31/2024 13:09:16] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 13:09:16] Thread[1] Node Time=0.323 sec

[5/31/2024 13:09:16] Thread[1] Link Time=29.625 sec

[5/31/2024 13:09:16] --- Thread Timers --------------------

[5/31/2024 13:09:16] Thread[2] Basin Time=0.007 sec

[5/31/2024 13:09:16] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 13:09:16] Thread[2] Node Time=0.312 sec

[5/31/2024 13:09:16] Thread[2] Link Time=31.174 sec

[5/31/2024 13:09:16] --- Thread Timers --------------------

[5/31/2024 13:09:16] Thread[3] Basin Time=0.005 sec

[5/31/2024 13:09:16] Thread[3] BasinPoly Time=0.002 sec

[5/31/2024 13:09:16] Thread[3] Node Time=0.304 sec

[5/31/2024 13:09:16] Thread[3] Link Time=29.955 sec

[5/31/2024 13:09:16] --- Thread Timers --------------------

[5/31/2024 13:09:16] Thread[4] Basin Time=0.009 sec

[5/31/2024 13:09:16] Thread[4] BasinPoly Time=0.002 sec

[5/31/2024 13:09:16] Thread[4] Node Time=0.303 sec

[5/31/2024 13:09:17] Thread[4] Link Time=36.581 sec

[5/31/2024 13:09:17] --- Thread Timers --------------------

[5/31/2024 13:09:17] Thread[5] Basin Time=0.006 sec

[5/31/2024 13:09:17] Thread[5] BasinPoly Time=0.001 sec

[5/31/2024 13:09:17] Thread[5] Node Time=0.330 sec

[5/31/2024 13:09:17] Thread[5] Link Time=10.967 sec

[5/31/2024 13:09:17] --- Thread Timers --------------------

[5/31/2024 13:09:17] Thread[6] Basin Time=0.005 sec

[5/31/2024 13:09:17] Thread[6] BasinPoly Time=0.001 sec

[5/31/2024 13:09:17] Thread[6] Node Time=0.334 sec

[5/31/2024 13:09:17] Thread[6] Link Time=4.879 sec

[5/31/2024 13:09:17] --- Thread Timers --------------------

[5/31/2024 13:09:17] Thread[7] Basin Time=0.006 sec

[5/31/2024 13:09:17] Thread[7] BasinPoly Time=0.001 sec

[5/31/2024 13:09:17] Thread[7] Node Time=0.322 sec

[5/31/2024 13:09:18] Thread[7] Link Time=30.650 sec

[5/31/2024 13:09:18] --- Thread Timers --------------------

[5/31/2024 13:09:18] Thread[8] Basin Time=0.005 sec

[5/31/2024 13:09:18] Thread[8] BasinPoly Time=0.001 sec

[5/31/2024 13:09:18] Thread[8] Node Time=0.266 sec

[5/31/2024 13:09:18] Thread[8] Link Time=12.888 sec

[5/31/2024 13:09:18] --- Thread Timers --------------------

[5/31/2024 13:09:18] Thread[9] Basin Time=0.003 sec

[5/31/2024 13:09:18] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 13:09:18] Thread[9] Node Time=0.286 sec

[5/31/2024 13:09:18] Thread[9] Link Time=12.038 sec

[5/31/2024 13:09:18] --- Thread Timers --------------------

[5/31/2024 13:09:18] Thread[10] Basin Time=0.003 sec

[5/31/2024 13:09:18] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 13:09:19] Thread[10] Node Time=0.282 sec

[5/31/2024 13:09:19] Thread[10] Link Time=28.321 sec

[5/31/2024 13:09:19] --- Thread Timers --------------------

[5/31/2024 13:09:19] Thread[11] Basin Time=0.003 sec

[5/31/2024 13:09:19] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 13:09:19] Thread[11] Node Time=0.288 sec

[5/31/2024 13:09:19] Thread[11] Link Time=4.957 sec

[5/31/2024 13:09:19] --- Thread Timers --------------------

[5/31/2024 13:09:19] Thread[12] Basin Time=0.003 sec

[5/31/2024 13:09:19] Thread[12] BasinPoly Time=0.001 sec

[5/31/2024 13:09:19] Thread[12] Node Time=0.306 sec

[5/31/2024 13:09:19] Thread[12] Link Time=1.888 sec

[5/31/2024 13:09:19] --- Thread Timers --------------------

[5/31/2024 13:09:20] Thread[13] Basin Time=0.003 sec

[5/31/2024 13:09:20] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 13:09:20] Thread[13] Node Time=0.273 sec

[5/31/2024 13:09:20] Thread[13] Link Time=4.572 sec

[5/31/2024 13:09:20] --- Thread Timers --------------------

[5/31/2024 13:09:20] Thread[14] Basin Time=0.003 sec

[5/31/2024 13:09:20] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 13:09:20] Thread[14] Node Time=0.281 sec

[5/31/2024 13:09:20] Thread[14] Link Time=3.016 sec

[5/31/2024 13:09:20] --- Thread Timers --------------------

[5/31/2024 13:09:20] Thread[15] Basin Time=0.003 sec

[5/31/2024 13:09:20] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 13:09:20] Thread[15] Node Time=0.249 sec

[5/31/2024 13:09:20] Thread[15] Link Time=6.008 sec

[5/31/2024 13:09:21] --- Thread Timers --------------------

[5/31/2024 13:09:21] Thread[16] Basin Time=0.003 sec

[5/31/2024 13:09:21] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 13:09:21] Thread[16] Node Time=0.247 sec

[5/31/2024 13:09:21] Thread[16] Link Time=5.204 sec

[5/31/2024 13:09:21] --- Thread Timers --------------------

[5/31/2024 13:09:21] Thread[17] Basin Time=0.003 sec

[5/31/2024 13:09:21] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 13:09:21] Thread[17] Node Time=0.192 sec

[5/31/2024 13:09:21] Thread[17] Link Time=1.534 sec

[5/31/2024 13:09:21] --- Thread Timers --------------------

[5/31/2024 13:09:22] Thread[18] Basin Time=0.003 sec

[5/31/2024 13:09:22] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 13:09:22] Thread[18] Node Time=0.214 sec

[5/31/2024 13:09:22] Thread[18] Link Time=18.882 sec