[5/31/2024 12:29:01]

threads=-1

batch=3 of 24

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

nextsim=C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si29\

[5/31/2024 12:29:01] C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si4\echo.i4p

[5/31/2024 12:29:01] Reading Simulation

[5/31/2024 12:29:01] Simulation=10YR24HR

[5/31/2024 12:29:01] RunMode=0

[5/31/2024 12:29:02] HotStart=0

[5/31/2024 12:29:02] SaveRestart=0

[5/31/2024 12:29:02] StartYear=0

[5/31/2024 12:29:02] StartMonth=0

[5/31/2024 12:29:02] StartDay=0

[5/31/2024 12:29:02] StartHour=0.000

[5/31/2024 12:29:02] EndYear=0

[5/31/2024 12:29:02] EndMonth=0

[5/31/2024 12:29:02] EndDay=0

[5/31/2024 12:29:02] EndHour=48.000

[5/31/2024 12:29:02] HotstartYear=0

[5/31/2024 12:29:02] HotstartMonth=0

[5/31/2024 12:29:02] HotstartDay=0

[5/31/2024 12:29:02] HotstartHour=0.000

[5/31/2024 12:29:02] MinCalc\_Hydrology=60.000

[5/31/2024 12:29:02] MinCalc\_Hydraulics=0.100

[5/31/2024 12:29:02] MaxCalc\_Hydraulics=30.000

[5/31/2024 12:29:02] MinCalc\_Groundwater=900.000

[5/31/2024 12:29:02] RainfallSet=

[5/31/2024 12:29:02] RefETSet=

[5/31/2024 12:29:02] UnitHydSet=

[5/31/2024 12:29:02] BndStageSet=25YR24HR-MHHWL

[5/31/2024 12:29:02] ExHydSet=

[5/31/2024 12:29:02] CurveNumSet=

[5/31/2024 12:29:02] GreenAmptSet=

[5/31/2024 12:29:02] VertLayerSet=

[5/31/2024 12:29:02] ImpervSet=

[5/31/2024 12:29:02] RoughnessSet=

[5/31/2024 12:29:02] CropCoefSet=

[5/31/2024 12:29:02] PorosSet=

[5/31/2024 12:29:02] ConductSet=

[5/31/2024 12:29:02] LeakageSet=

[5/31/2024 12:29:02] TimeMarching=0

[5/31/2024 12:29:02] MaxIterations=6

[5/31/2024 12:29:02] OverRelaxWeightFactor=0.500

[5/31/2024 12:29:02] dZTolerance=0.001

[5/31/2024 12:29:02] MaxdZ=1.500

[5/31/2024 12:29:02] LinkOptTol=0.000

[5/31/2024 12:29:02] EdgeLengthOpt=0

[5/31/2024 12:29:02] EdgeLengthFactor=0.667

[5/31/2024 12:29:02] DefaultDampThresh2d=0.005

[5/31/2024 12:29:02] MinSurfArea2d=100.000

[5/31/2024 12:29:02] EnergySwitch2d=1

[5/31/2024 12:29:02] IaTime=24.000

[5/31/2024 12:29:02] IncludeETManBasns=0

[5/31/2024 12:29:03] VertLayerSoln=0

[5/31/2024 12:29:03] RainOptManBasns=1

[5/31/2024 12:29:03] RainOptOF=1

[5/31/2024 12:29:03] RainName=~FLMOD

[5/31/2024 12:29:03] RainAmount=7.060

[5/31/2024 12:29:03] StormDur=24.000

[5/31/2024 12:29:03] DefaultDampThresh1D=0.005

[5/31/2024 12:29:03] MinNodeSurfArea1D=100.000

[5/31/2024 12:29:03] EnergySwitch1D=1

[5/31/2024 12:29:03] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 12:29:03] 19 threads [20 cores detected]

[5/31/2024 12:29:03] SolutionMethod=SAOR

[5/31/2024 12:29:03] No \_ET.TXT

[5/31/2024 12:29:03] No \_EV.TXT

[5/31/2024 12:29:03] Reading Operating Tables

[5/31/2024 12:29:03] Reading Cross Sections

[5/31/2024 12:29:03] Reading 1D Nodes

[5/31/2024 12:29:03] Reading Overland Flow Nodes

[5/31/2024 12:29:03] Reading 1D Channels

[5/31/2024 12:29:03] Setting up channel ghost nodes

[5/31/2024 12:29:03] Reading Pipes

[5/31/2024 12:29:03] Reading Rating Curves

[5/31/2024 12:29:03] Reading Weirs

[5/31/2024 12:29:04] Reading Drop Structures

[5/31/2024 12:29:04] Reading Breaches

[5/31/2024 12:29:04] Reading Percs

[5/31/2024 12:29:04] Reading Overland Flow Channels

[5/31/2024 12:29:04] Reading Overland Flow Weirs

[5/31/2024 12:29:04] Setting up ghost nodes

[5/31/2024 12:29:04] Reading Manual Basins

[5/31/2024 12:29:04] Reading Overland Flow Basins

[5/31/2024 12:29:04] Sorting basins

[5/31/2024 12:29:04] Reading Basin Features

[5/31/2024 12:29:04] Reading Groundwater

[5/31/2024 12:29:04] Initializing threads

[5/31/2024 12:29:04] Build Complete

[5/31/2024 12:29:04] Total basin area=47.340

[5/31/2024 12:29:04] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 12:29:04]

[5/31/2024 12:29:04] --- Hydrology Counts -----------------------------------------------

[5/31/2024 12:29:04] Total Basin = 28

[5/31/2024 12:29:04] Direct Basin = 0

[5/31/2024 12:29:04] Manual NRCS Basin = 0

[5/31/2024 12:29:04] Manual SB Basin = 0

[5/31/2024 12:29:04] Mapped NRCS Basin = 0

[5/31/2024 12:29:05] Mapped SB Basin = 0

[5/31/2024 12:29:05] Simple NRCS Basin = 28

[5/31/2024 12:29:05] Simple SB Basin = 0

[5/31/2024 12:29:05] Total Basin Polygon = 28

[5/31/2024 12:29:05] Manual Basin Polygon = 0

[5/31/2024 12:29:05] Mapped Basin Polygon = 0

[5/31/2024 12:29:05] 2D Basin Polygon = 0

[5/31/2024 12:29:05] Crop = 0

[5/31/2024 12:29:05] Reference ET = 0

[5/31/2024 12:29:05] Rainfall = 1

[5/31/2024 12:29:05] Green Ampt Parameter = 0

[5/31/2024 12:29:05] Vert Layer Parameter = 0

[5/31/2024 12:29:05] Curve Number Parameter = 29

[5/31/2024 12:29:05] Imperviousness = 29

[5/31/2024 12:29:05]

[5/31/2024 12:29:05] --- Routing Counts -------------------------------------------------

[5/31/2024 12:29:05] Region = 0

[5/31/2024 12:29:05] Total Node = 54

[5/31/2024 12:29:06] 1D Stage Area = 52

[5/31/2024 12:29:06] 1D Time Stage = 2

[5/31/2024 12:29:06] 1D Drop Nodes = 0

[5/31/2024 12:29:06] 2D Stage Area = 0

[5/31/2024 12:29:06] 2D Time Stage = 0

[5/31/2024 12:29:06] 2D Pond Ghost = 0

[5/31/2024 12:29:06] 2D Chan Ghost = 0

[5/31/2024 12:29:06] 1D/2D Node Interfaces = 0

[5/31/2024 12:29:06] 1D/2D Injection Wells = 0

[5/31/2024 12:29:06] Total Link = 85

[5/31/2024 12:29:06] 1D Pipe = 26

[5/31/2024 12:29:06] 1D Drop Structure = 1

[5/31/2024 12:29:06] 1D French Drain = 0

[5/31/2024 12:29:06] 1D Channel = 2

[5/31/2024 12:29:06] 2D Channel = 0

[5/31/2024 12:29:06] 1D Weir = 54

[5/31/2024 12:29:06] 1D Drop Weir = 2

[5/31/2024 12:29:06] 2D Weir = 0

[5/31/2024 12:29:06] 1D Rating Curve = 0

[5/31/2024 12:29:06] 1D Percolation = 0

[5/31/2024 12:29:07] Cross Section = 36

[5/31/2024 12:29:07] Operating Table = 0

[5/31/2024 12:29:07]

[5/31/2024 12:29:07] --- Groundwater Counts ---------------------------------------------

[5/31/2024 12:29:07] Region = 0

[5/31/2024 12:29:07] Triangle = 0

[5/31/2024 12:29:07] Vertex = 0

[5/31/2024 12:29:07] Midpoint = 0

[5/31/2024 12:29:07] --------------------------------------------------------------------

[5/31/2024 12:29:07]

[5/31/2024 12:29:07] Processing Initial Link Flows...

[5/31/2024 12:29:07] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 12:29:07] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:07] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:07] Node N-BTW-09 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:08] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:08] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:08] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 12:29:08] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:08] Node N-BTW-24 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:08] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:09] Node N-BTW-17 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:09] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:09] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:09] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:09] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:45] Node N-BTW-08 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:47] Node N-BTW-07 caused a revert (this will only be logged once per node)

[5/31/2024 12:29:47] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 12:30:03] Node N-BTW-07B caused a revert (this will only be logged once per node)

[5/31/2024 12:30:05] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 12:30:05] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 12:30:11] Node N-BTW-25 caused a revert (this will only be logged once per node)

[5/31/2024 12:30:17] Node N-BTW-09B caused a revert (this will only be logged once per node)

[5/31/2024 12:30:17] Node N-BTW-08B caused a revert (this will only be logged once per node)

[5/31/2024 12:30:23] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 12:30:24] Node N-BTW-05B caused a revert (this will only be logged once per node)

[5/31/2024 12:35:42] Node N-BTW-13A caused a revert (this will only be logged once per node)

[5/31/2024 12:35:43] Node N-BTW-14 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:43] Node N-BTW-23 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:46] Conduit Optimizer Total Count=15390367 of 20342336

[5/31/2024 12:35:47] PC busted 161 of 328662

[5/31/2024 12:35:47] Average Iterations was 1.211

[5/31/2024 12:35:47] Average dt was 0.55229 sec

[5/31/2024 12:35:47] Revert count=15737

[5/31/2024 12:35:47]

[5/31/2024 12:35:47] ---- Timers -----------------------------

[5/31/2024 12:35:47] Total Time=399.346 sec

[5/31/2024 12:35:47] Basin Time=0.236 sec

[5/31/2024 12:35:47] BasinPoly Time=0.239 sec

[5/31/2024 12:35:47] Node Time=143.053 sec

[5/31/2024 12:35:47] Link Time=249.612 sec

[5/31/2024 12:35:47] Hydrology Output Time=1.653 sec

[5/31/2024 12:35:47] Groundwater Output Time=0.002 sec

[5/31/2024 12:35:47] Routing Output Time=1.804 sec

[5/31/2024 12:35:47] --- Thread Timers --------------------

[5/31/2024 12:35:47] Thread[0] Basin Time=0.006 sec

[5/31/2024 12:35:47] Thread[0] BasinPoly Time=0.001 sec

[5/31/2024 12:35:47] Thread[0] Node Time=0.451 sec

[5/31/2024 12:35:47] Thread[0] Link Time=60.979 sec

[5/31/2024 12:35:48] --- Thread Timers --------------------

[5/31/2024 12:35:48] Thread[1] Basin Time=0.007 sec

[5/31/2024 12:35:48] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 12:35:48] Thread[1] Node Time=0.493 sec

[5/31/2024 12:35:48] Thread[1] Link Time=58.804 sec

[5/31/2024 12:35:48] --- Thread Timers --------------------

[5/31/2024 12:35:48] Thread[2] Basin Time=0.009 sec

[5/31/2024 12:35:48] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 12:35:48] Thread[2] Node Time=0.495 sec

[5/31/2024 12:35:48] Thread[2] Link Time=62.948 sec

[5/31/2024 12:35:48] --- Thread Timers --------------------

[5/31/2024 12:35:48] Thread[3] Basin Time=0.006 sec

[5/31/2024 12:35:48] Thread[3] BasinPoly Time=0.002 sec

[5/31/2024 12:35:48] Thread[3] Node Time=0.486 sec

[5/31/2024 12:35:48] Thread[3] Link Time=84.884 sec

[5/31/2024 12:35:48] --- Thread Timers --------------------

[5/31/2024 12:35:48] Thread[4] Basin Time=0.010 sec

[5/31/2024 12:35:48] Thread[4] BasinPoly Time=0.002 sec

[5/31/2024 12:35:48] Thread[4] Node Time=0.512 sec

[5/31/2024 12:35:48] Thread[4] Link Time=17.994 sec

[5/31/2024 12:35:48] --- Thread Timers --------------------

[5/31/2024 12:35:48] Thread[5] Basin Time=0.007 sec

[5/31/2024 12:35:48] Thread[5] BasinPoly Time=0.002 sec

[5/31/2024 12:35:48] Thread[5] Node Time=0.514 sec

[5/31/2024 12:35:49] Thread[5] Link Time=5.270 sec

[5/31/2024 12:35:49] --- Thread Timers --------------------

[5/31/2024 12:35:49] Thread[6] Basin Time=0.006 sec

[5/31/2024 12:35:49] Thread[6] BasinPoly Time=0.002 sec

[5/31/2024 12:35:49] Thread[6] Node Time=0.541 sec

[5/31/2024 12:35:49] Thread[6] Link Time=64.161 sec

[5/31/2024 12:35:49] --- Thread Timers --------------------

[5/31/2024 12:35:49] Thread[7] Basin Time=0.007 sec

[5/31/2024 12:35:49] Thread[7] BasinPoly Time=0.002 sec

[5/31/2024 12:35:49] Thread[7] Node Time=0.530 sec

[5/31/2024 12:35:49] Thread[7] Link Time=24.351 sec

[5/31/2024 12:35:49] --- Thread Timers --------------------

[5/31/2024 12:35:49] Thread[8] Basin Time=0.006 sec

[5/31/2024 12:35:50] Thread[8] BasinPoly Time=0.002 sec

[5/31/2024 12:35:50] Thread[8] Node Time=0.480 sec

[5/31/2024 12:35:50] Thread[8] Link Time=20.638 sec

[5/31/2024 12:35:50] --- Thread Timers --------------------

[5/31/2024 12:35:50] Thread[9] Basin Time=0.004 sec

[5/31/2024 12:35:50] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 12:35:50] Thread[9] Node Time=0.488 sec

[5/31/2024 12:35:50] Thread[9] Link Time=60.681 sec

[5/31/2024 12:35:50] --- Thread Timers --------------------

[5/31/2024 12:35:50] Thread[10] Basin Time=0.003 sec

[5/31/2024 12:35:50] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 12:35:51] Thread[10] Node Time=0.492 sec

[5/31/2024 12:35:51] Thread[10] Link Time=55.358 sec

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

[5/31/2024 12:35:51] Thread[11] Basin Time=0.004 sec

[5/31/2024 12:35:51] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 12:35:51] Thread[11] Node Time=0.503 sec

[5/31/2024 12:35:51] Thread[11] Link Time=2.677 sec

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

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

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

[5/31/2024 12:35:51] Thread[12] Node Time=0.513 sec

[5/31/2024 12:35:51] Thread[12] Link Time=4.311 sec

[5/31/2024 12:35:52] --- Thread Timers --------------------

[5/31/2024 12:35:52] Thread[13] Basin Time=0.004 sec

[5/31/2024 12:35:52] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 12:35:52] Thread[13] Node Time=0.473 sec

[5/31/2024 12:35:52] Thread[13] Link Time=4.222 sec

[5/31/2024 12:35:52] --- Thread Timers --------------------

[5/31/2024 12:35:52] Thread[14] Basin Time=0.004 sec

[5/31/2024 12:35:52] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 12:35:52] Thread[14] Node Time=0.477 sec

[5/31/2024 12:35:52] Thread[14] Link Time=6.736 sec

[5/31/2024 12:35:53] --- Thread Timers --------------------

[5/31/2024 12:35:53] Thread[15] Basin Time=0.004 sec

[5/31/2024 12:35:53] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 12:35:53] Thread[15] Node Time=0.414 sec

[5/31/2024 12:35:53] Thread[15] Link Time=7.416 sec

[5/31/2024 12:35:53] --- Thread Timers --------------------

[5/31/2024 12:35:53] Thread[16] Basin Time=0.003 sec

[5/31/2024 12:35:53] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 12:35:53] Thread[16] Node Time=0.378 sec

[5/31/2024 12:35:53] Thread[16] Link Time=2.651 sec

[5/31/2024 12:35:53] --- Thread Timers --------------------

[5/31/2024 12:35:53] Thread[17] Basin Time=0.003 sec

[5/31/2024 12:35:53] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 12:35:54] Thread[17] Node Time=0.360 sec

[5/31/2024 12:35:54] Thread[17] Link Time=44.980 sec

[5/31/2024 12:35:54] --- Thread Timers --------------------

[5/31/2024 12:35:54] Thread[18] Basin Time=0.003 sec

[5/31/2024 12:35:54] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 12:35:54] Thread[18] Node Time=0.364 sec

[5/31/2024 12:35:54] Thread[18] Link Time=58.131 sec