[5/31/2024 12:26:01]

threads=-1

batch=2 of 24

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

nextsim=C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si4\

[5/31/2024 12:26:01] C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si28\echo.i4p

[5/31/2024 12:26:01] Reading Simulation

[5/31/2024 12:26:01] Simulation=100YR24HR-2.36

[5/31/2024 12:26:01] RunMode=0

[5/31/2024 12:26:01] HotStart=0

[5/31/2024 12:26:01] SaveRestart=0

[5/31/2024 12:26:01] StartYear=0

[5/31/2024 12:26:01] StartMonth=0

[5/31/2024 12:26:01] StartDay=0

[5/31/2024 12:26:01] StartHour=0.000

[5/31/2024 12:26:01] EndYear=0

[5/31/2024 12:26:01] EndMonth=0

[5/31/2024 12:26:01] EndDay=0

[5/31/2024 12:26:01] EndHour=48.000

[5/31/2024 12:26:01] HotstartYear=0

[5/31/2024 12:26:01] HotstartMonth=0

[5/31/2024 12:26:01] HotstartDay=0

[5/31/2024 12:26:01] HotstartHour=0.000

[5/31/2024 12:26:01] MinCalc\_Hydrology=60.000

[5/31/2024 12:26:02] MinCalc\_Hydraulics=0.100

[5/31/2024 12:26:02] MaxCalc\_Hydraulics=30.000

[5/31/2024 12:26:02] MinCalc\_Groundwater=900.000

[5/31/2024 12:26:02] RainfallSet=

[5/31/2024 12:26:02] RefETSet=

[5/31/2024 12:26:02] UnitHydSet=

[5/31/2024 12:26:02] BndStageSet=25YR24HR-2.36

[5/31/2024 12:26:02] ExHydSet=

[5/31/2024 12:26:02] CurveNumSet=

[5/31/2024 12:26:02] GreenAmptSet=

[5/31/2024 12:26:02] VertLayerSet=

[5/31/2024 12:26:02] ImpervSet=

[5/31/2024 12:26:02] RoughnessSet=

[5/31/2024 12:26:02] CropCoefSet=

[5/31/2024 12:26:02] PorosSet=

[5/31/2024 12:26:02] ConductSet=

[5/31/2024 12:26:02] LeakageSet=

[5/31/2024 12:26:02] TimeMarching=0

[5/31/2024 12:26:02] MaxIterations=6

[5/31/2024 12:26:02] OverRelaxWeightFactor=0.500

[5/31/2024 12:26:02] dZTolerance=0.001

[5/31/2024 12:26:02] MaxdZ=1.500

[5/31/2024 12:26:02] LinkOptTol=0.000

[5/31/2024 12:26:02] EdgeLengthOpt=0

[5/31/2024 12:26:02] EdgeLengthFactor=0.667

[5/31/2024 12:26:02] DefaultDampThresh2d=0.005

[5/31/2024 12:26:02] MinSurfArea2d=100.000

[5/31/2024 12:26:02] EnergySwitch2d=1

[5/31/2024 12:26:02] IaTime=24.000

[5/31/2024 12:26:02] IncludeETManBasns=0

[5/31/2024 12:26:02] VertLayerSoln=0

[5/31/2024 12:26:02] RainOptManBasns=1

[5/31/2024 12:26:02] RainOptOF=1

[5/31/2024 12:26:02] RainName=~FLMOD

[5/31/2024 12:26:02] RainAmount=12.300

[5/31/2024 12:26:02] StormDur=24.000

[5/31/2024 12:26:02] DefaultDampThresh1D=0.005

[5/31/2024 12:26:02] MinNodeSurfArea1D=100.000

[5/31/2024 12:26:02] EnergySwitch1D=1

[5/31/2024 12:26:02] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 12:26:03] 19 threads [20 cores detected]

[5/31/2024 12:26:03] SolutionMethod=SAOR

[5/31/2024 12:26:03] No \_ET.TXT

[5/31/2024 12:26:03] No \_EV.TXT

[5/31/2024 12:26:03] Reading Operating Tables

[5/31/2024 12:26:03] Reading Cross Sections

[5/31/2024 12:26:03] Reading 1D Nodes

[5/31/2024 12:26:03] Reading Overland Flow Nodes

[5/31/2024 12:26:03] Reading 1D Channels

[5/31/2024 12:26:03] Setting up channel ghost nodes

[5/31/2024 12:26:03] Reading Pipes

[5/31/2024 12:26:03] Reading Rating Curves

[5/31/2024 12:26:03] Reading Weirs

[5/31/2024 12:26:03] Reading Drop Structures

[5/31/2024 12:26:03] Reading Breaches

[5/31/2024 12:26:04] Reading Percs

[5/31/2024 12:26:04] Reading Overland Flow Channels

[5/31/2024 12:26:04] Reading Overland Flow Weirs

[5/31/2024 12:26:04] Setting up ghost nodes

[5/31/2024 12:26:04] Reading Manual Basins

[5/31/2024 12:26:04] Reading Overland Flow Basins

[5/31/2024 12:26:04] Sorting basins

[5/31/2024 12:26:04] Reading Basin Features

[5/31/2024 12:26:04] Reading Groundwater

[5/31/2024 12:26:04] Initializing threads

[5/31/2024 12:26:04] Build Complete

[5/31/2024 12:26:04] Total basin area=47.340

[5/31/2024 12:26:04] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 12:26:04]

[5/31/2024 12:26:04] --- Hydrology Counts -----------------------------------------------

[5/31/2024 12:26:04] Total Basin = 28

[5/31/2024 12:26:04] Direct Basin = 0

[5/31/2024 12:26:04] Manual NRCS Basin = 0

[5/31/2024 12:26:04] Manual SB Basin = 0

[5/31/2024 12:26:04] Mapped NRCS Basin = 0

[5/31/2024 12:26:04] Mapped SB Basin = 0

[5/31/2024 12:26:05] Simple NRCS Basin = 28

[5/31/2024 12:26:05] Simple SB Basin = 0

[5/31/2024 12:26:05] Total Basin Polygon = 28

[5/31/2024 12:26:05] Manual Basin Polygon = 0

[5/31/2024 12:26:05] Mapped Basin Polygon = 0

[5/31/2024 12:26:05] 2D Basin Polygon = 0

[5/31/2024 12:26:05] Crop = 0

[5/31/2024 12:26:05] Reference ET = 0

[5/31/2024 12:26:05] Rainfall = 1

[5/31/2024 12:26:05] Green Ampt Parameter = 0

[5/31/2024 12:26:05] Vert Layer Parameter = 0

[5/31/2024 12:26:05] Curve Number Parameter = 29

[5/31/2024 12:26:05] Imperviousness = 29

[5/31/2024 12:26:05]

[5/31/2024 12:26:05] --- Routing Counts -------------------------------------------------

[5/31/2024 12:26:05] Region = 0

[5/31/2024 12:26:05] Total Node = 54

[5/31/2024 12:26:05] 1D Stage Area = 52

[5/31/2024 12:26:06] 1D Time Stage = 2

[5/31/2024 12:26:06] 1D Drop Nodes = 0

[5/31/2024 12:26:06] 2D Stage Area = 0

[5/31/2024 12:26:06] 2D Time Stage = 0

[5/31/2024 12:26:06] 2D Pond Ghost = 0

[5/31/2024 12:26:06] 2D Chan Ghost = 0

[5/31/2024 12:26:06] 1D/2D Node Interfaces = 0

[5/31/2024 12:26:06] 1D/2D Injection Wells = 0

[5/31/2024 12:26:06] Total Link = 85

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

[5/31/2024 12:26:06] 1D Drop Structure = 1

[5/31/2024 12:26:06] 1D French Drain = 0

[5/31/2024 12:26:06] 1D Channel = 2

[5/31/2024 12:26:06] 2D Channel = 0

[5/31/2024 12:26:06] 1D Weir = 54

[5/31/2024 12:26:06] 1D Drop Weir = 2

[5/31/2024 12:26:06] 2D Weir = 0

[5/31/2024 12:26:06] 1D Rating Curve = 0

[5/31/2024 12:26:07] 1D Percolation = 0

[5/31/2024 12:26:07] Cross Section = 36

[5/31/2024 12:26:07] Operating Table = 0

[5/31/2024 12:26:07]

[5/31/2024 12:26:07] --- Groundwater Counts ---------------------------------------------

[5/31/2024 12:26:07] Region = 0

[5/31/2024 12:26:07] Triangle = 0

[5/31/2024 12:26:07] Vertex = 0

[5/31/2024 12:26:07] Midpoint = 0

[5/31/2024 12:26:07] --------------------------------------------------------------------

[5/31/2024 12:26:07]

[5/31/2024 12:26:07] Processing Initial Link Flows...

[5/31/2024 12:26:07] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 12:26:07] Node N-BTW-01 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:07] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-08 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-11 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-12 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-15 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-10 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-07 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-09 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-10B caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:08] Node N-BTW-08B caused a revert (this will only be logged once per node)

[5/31/2024 12:26:11] Node N-BTW-17 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:11] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:11] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:11] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:12] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:12] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:12] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 12:26:13] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:13] Node N-BTW-19B caused a revert (this will only be logged once per node)

[5/31/2024 12:26:14] Node N-BTW-25 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:14] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 12:26:14] Node N-BTW-26B caused a revert (this will only be logged once per node)

[5/31/2024 12:26:14] Node N-BTW-25B caused a revert (this will only be logged once per node)

[5/31/2024 12:27:51] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 12:28:51] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 12:28:53] Node N-BTW-18B caused a revert (this will only be logged once per node)

[5/31/2024 12:28:56] Node N-BTW-17B caused a revert (this will only be logged once per node)

[5/31/2024 12:29:01] Node N-BTW-20B caused a revert (this will only be logged once per node)

[5/31/2024 12:29:01] Conduit Optimizer Total Count=29747600 of 35712404

[5/31/2024 12:29:01] PC busted 252 of 545928

[5/31/2024 12:29:01] Average Iterations was 1.336

[5/31/2024 12:29:01] Average dt was 0.33187 sec

[5/31/2024 12:29:01] Revert count=25231

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

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

[5/31/2024 12:29:01] Total Time=174.021 sec

[5/31/2024 12:29:01] Basin Time=0.015 sec

[5/31/2024 12:29:02] BasinPoly Time=0.007 sec

[5/31/2024 12:29:02] Node Time=7.603 sec

[5/31/2024 12:29:02] Link Time=157.081 sec

[5/31/2024 12:29:02] Hydrology Output Time=2.393 sec

[5/31/2024 12:29:02] Groundwater Output Time=0.001 sec

[5/31/2024 12:29:02] Routing Output Time=3.236 sec

[5/31/2024 12:29:02] --- Thread Timers --------------------

[5/31/2024 12:29:02] Thread[0] Basin Time=0.006 sec

[5/31/2024 12:29:02] Thread[0] BasinPoly Time=0.002 sec

[5/31/2024 12:29:02] Thread[0] Node Time=0.746 sec

[5/31/2024 12:29:02] Thread[0] Link Time=81.089 sec

[5/31/2024 12:29:02] --- Thread Timers --------------------

[5/31/2024 12:29:02] Thread[1] Basin Time=0.007 sec

[5/31/2024 12:29:02] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 12:29:02] Thread[1] Node Time=0.881 sec

[5/31/2024 12:29:02] Thread[1] Link Time=70.997 sec

[5/31/2024 12:29:02] --- Thread Timers --------------------

[5/31/2024 12:29:02] Thread[2] Basin Time=0.009 sec

[5/31/2024 12:29:02] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 12:29:02] Thread[2] Node Time=0.844 sec

[5/31/2024 12:29:02] Thread[2] Link Time=70.262 sec

[5/31/2024 12:29:02] --- Thread Timers --------------------

[5/31/2024 12:29:02] Thread[3] Basin Time=0.007 sec

[5/31/2024 12:29:02] Thread[3] BasinPoly Time=0.002 sec

[5/31/2024 12:29:02] Thread[3] Node Time=0.862 sec

[5/31/2024 12:29:02] Thread[3] Link Time=99.135 sec

[5/31/2024 12:29:02] --- Thread Timers --------------------

[5/31/2024 12:29:02] Thread[4] Basin Time=0.011 sec

[5/31/2024 12:29:02] Thread[4] BasinPoly Time=0.002 sec

[5/31/2024 12:29:02] Thread[4] Node Time=0.849 sec

[5/31/2024 12:29:03] Thread[4] Link Time=5.159 sec

[5/31/2024 12:29:03] --- Thread Timers --------------------

[5/31/2024 12:29:03] Thread[5] Basin Time=0.007 sec

[5/31/2024 12:29:03] Thread[5] BasinPoly Time=0.002 sec

[5/31/2024 12:29:03] Thread[5] Node Time=0.871 sec

[5/31/2024 12:29:03] Thread[5] Link Time=6.949 sec

[5/31/2024 12:29:03] --- Thread Timers --------------------

[5/31/2024 12:29:03] Thread[6] Basin Time=0.007 sec

[5/31/2024 12:29:03] Thread[6] BasinPoly Time=0.002 sec

[5/31/2024 12:29:03] Thread[6] Node Time=0.914 sec

[5/31/2024 12:29:03] Thread[6] Link Time=94.468 sec

[5/31/2024 12:29:03] --- Thread Timers --------------------

[5/31/2024 12:29:03] Thread[7] Basin Time=0.008 sec

[5/31/2024 12:29:03] Thread[7] BasinPoly Time=0.002 sec

[5/31/2024 12:29:03] Thread[7] Node Time=0.923 sec

[5/31/2024 12:29:03] Thread[7] Link Time=31.555 sec

[5/31/2024 12:29:03] --- Thread Timers --------------------

[5/31/2024 12:29:04] Thread[8] Basin Time=0.007 sec

[5/31/2024 12:29:04] Thread[8] BasinPoly Time=0.002 sec

[5/31/2024 12:29:04] Thread[8] Node Time=0.805 sec

[5/31/2024 12:29:04] Thread[8] Link Time=23.877 sec

[5/31/2024 12:29:04] --- Thread Timers --------------------

[5/31/2024 12:29:04] Thread[9] Basin Time=0.004 sec

[5/31/2024 12:29:04] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 12:29:04] Thread[9] Node Time=0.832 sec

[5/31/2024 12:29:04] Thread[9] Link Time=85.073 sec

[5/31/2024 12:29:04] --- Thread Timers --------------------

[5/31/2024 12:29:04] Thread[10] Basin Time=0.004 sec

[5/31/2024 12:29:04] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 12:29:04] Thread[10] Node Time=0.805 sec

[5/31/2024 12:29:04] Thread[10] Link Time=61.287 sec

[5/31/2024 12:29:05] --- Thread Timers --------------------

[5/31/2024 12:29:05] Thread[11] Basin Time=0.004 sec

[5/31/2024 12:29:05] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 12:29:05] Thread[11] Node Time=0.873 sec

[5/31/2024 12:29:05] Thread[11] Link Time=44.085 sec

[5/31/2024 12:29:05] --- Thread Timers --------------------

[5/31/2024 12:29:05] Thread[12] Basin Time=0.005 sec

[5/31/2024 12:29:05] Thread[12] BasinPoly Time=0.001 sec

[5/31/2024 12:29:05] Thread[12] Node Time=0.881 sec

[5/31/2024 12:29:05] Thread[12] Link Time=5.389 sec

[5/31/2024 12:29:05] --- Thread Timers --------------------

[5/31/2024 12:29:05] Thread[13] Basin Time=0.004 sec

[5/31/2024 12:29:05] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 12:29:05] Thread[13] Node Time=0.836 sec

[5/31/2024 12:29:06] Thread[13] Link Time=10.314 sec

[5/31/2024 12:29:06] --- Thread Timers --------------------

[5/31/2024 12:29:06] Thread[14] Basin Time=0.004 sec

[5/31/2024 12:29:06] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 12:29:06] Thread[14] Node Time=0.828 sec

[5/31/2024 12:29:06] Thread[14] Link Time=7.050 sec

[5/31/2024 12:29:06] --- Thread Timers --------------------

[5/31/2024 12:29:06] Thread[15] Basin Time=0.004 sec

[5/31/2024 12:29:06] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 12:29:06] Thread[15] Node Time=0.701 sec

[5/31/2024 12:29:06] Thread[15] Link Time=8.242 sec

[5/31/2024 12:29:06] --- Thread Timers --------------------

[5/31/2024 12:29:06] Thread[16] Basin Time=0.004 sec

[5/31/2024 12:29:07] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 12:29:07] Thread[16] Node Time=0.650 sec

[5/31/2024 12:29:07] Thread[16] Link Time=14.212 sec

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

[5/31/2024 12:29:07] Thread[17] Basin Time=0.004 sec

[5/31/2024 12:29:07] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 12:29:07] Thread[17] Node Time=0.560 sec

[5/31/2024 12:29:08] Thread[17] Link Time=10.916 sec

[5/31/2024 12:29:08] --- Thread Timers --------------------

[5/31/2024 12:29:08] Thread[18] Basin Time=0.004 sec

[5/31/2024 12:29:08] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 12:29:08] Thread[18] Node Time=0.633 sec

[5/31/2024 12:29:08] Thread[18] Link Time=63.030 sec