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

 threads=-1

 batch=4 of 24

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

 nextsim=C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si5\

[5/31/2024 12:35:47] C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si29\echo.i4p

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

[5/31/2024 12:35:47] Simulation=10YR24HR-2.36

[5/31/2024 12:35:47] RunMode=0

[5/31/2024 12:35:47] HotStart=0

[5/31/2024 12:35:47] SaveRestart=0

[5/31/2024 12:35:47] StartYear=0

[5/31/2024 12:35:47] StartMonth=0

[5/31/2024 12:35:47] StartDay=0

[5/31/2024 12:35:47] StartHour=0.000

[5/31/2024 12:35:47] EndYear=0

[5/31/2024 12:35:47] EndMonth=0

[5/31/2024 12:35:47] EndDay=0

[5/31/2024 12:35:47] EndHour=48.000

[5/31/2024 12:35:47] HotstartYear=0

[5/31/2024 12:35:47] HotstartMonth=0

[5/31/2024 12:35:47] HotstartDay=0

[5/31/2024 12:35:47] HotstartHour=0.000

[5/31/2024 12:35:47] MinCalc\_Hydrology=60.000

[5/31/2024 12:35:47] MinCalc\_Hydraulics=0.100

[5/31/2024 12:35:47] MaxCalc\_Hydraulics=30.000

[5/31/2024 12:35:47] MinCalc\_Groundwater=900.000

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

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

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

[5/31/2024 12:35:47] BndStageSet=25YR24HR-2.36

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

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

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

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

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

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

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

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

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

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

[5/31/2024 12:35:48] TimeMarching=0

[5/31/2024 12:35:48] MaxIterations=6

[5/31/2024 12:35:48] OverRelaxWeightFactor=0.500

[5/31/2024 12:35:48] dZTolerance=0.001

[5/31/2024 12:35:48] MaxdZ=1.500

[5/31/2024 12:35:48] LinkOptTol=0.000

[5/31/2024 12:35:48] EdgeLengthOpt=0

[5/31/2024 12:35:48] EdgeLengthFactor=0.667

[5/31/2024 12:35:48] DefaultDampThresh2d=0.005

[5/31/2024 12:35:48] MinSurfArea2d=100.000

[5/31/2024 12:35:48] EnergySwitch2d=1

[5/31/2024 12:35:48] IaTime=24.000

[5/31/2024 12:35:48] IncludeETManBasns=0

[5/31/2024 12:35:48] VertLayerSoln=0

[5/31/2024 12:35:48] RainOptManBasns=1

[5/31/2024 12:35:48] RainOptOF=1

[5/31/2024 12:35:48] RainName=~FLMOD

[5/31/2024 12:35:48] RainAmount=7.060

[5/31/2024 12:35:48] StormDur=24.000

[5/31/2024 12:35:48] DefaultDampThresh1D=0.005

[5/31/2024 12:35:48] MinNodeSurfArea1D=100.000

[5/31/2024 12:35:48] EnergySwitch1D=1

[5/31/2024 12:35:48] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 12:35:48] 19 threads [20 cores detected]

[5/31/2024 12:35:48] SolutionMethod=SAOR

[5/31/2024 12:35:48] No \_ET.TXT

[5/31/2024 12:35:48] No \_EV.TXT

[5/31/2024 12:35:48] Reading Operating Tables

[5/31/2024 12:35:49] Reading Cross Sections

[5/31/2024 12:35:49] Reading 1D Nodes

[5/31/2024 12:35:49] Reading Overland Flow Nodes

[5/31/2024 12:35:49] Reading 1D Channels

[5/31/2024 12:35:49] Setting up channel ghost nodes

[5/31/2024 12:35:49] Reading Pipes

[5/31/2024 12:35:49] Reading Rating Curves

[5/31/2024 12:35:49] Reading Weirs

[5/31/2024 12:35:49] Reading Drop Structures

[5/31/2024 12:35:49] Reading Breaches

[5/31/2024 12:35:49] Reading Percs

[5/31/2024 12:35:49] Reading Overland Flow Channels

[5/31/2024 12:35:49] Reading Overland Flow Weirs

[5/31/2024 12:35:50] Setting up ghost nodes

[5/31/2024 12:35:50] Reading Manual Basins

[5/31/2024 12:35:50] Reading Overland Flow Basins

[5/31/2024 12:35:50] Sorting basins

[5/31/2024 12:35:50] Reading Basin Features

[5/31/2024 12:35:50] Reading Groundwater

[5/31/2024 12:35:50] Initializing threads

[5/31/2024 12:35:50] Build Complete

[5/31/2024 12:35:50] Total basin area=47.340

[5/31/2024 12:35:50] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 12:35:50]

[5/31/2024 12:35:50] --- Hydrology Counts -----------------------------------------------

[5/31/2024 12:35:50] Total Basin = 28

[5/31/2024 12:35:50] Direct Basin = 0

[5/31/2024 12:35:50] Manual NRCS Basin = 0

[5/31/2024 12:35:51] Manual SB Basin = 0

[5/31/2024 12:35:51] Mapped NRCS Basin = 0

[5/31/2024 12:35:51] Mapped SB Basin = 0

[5/31/2024 12:35:51] Simple NRCS Basin = 28

[5/31/2024 12:35:51] Simple SB Basin = 0

[5/31/2024 12:35:51] Total Basin Polygon = 28

[5/31/2024 12:35:51] Manual Basin Polygon = 0

[5/31/2024 12:35:51] Mapped Basin Polygon = 0

[5/31/2024 12:35:51] 2D Basin Polygon = 0

[5/31/2024 12:35:51] Crop = 0

[5/31/2024 12:35:51] Reference ET = 0

[5/31/2024 12:35:51] Rainfall = 1

[5/31/2024 12:35:51] Green Ampt Parameter = 0

[5/31/2024 12:35:51] Vert Layer Parameter = 0

[5/31/2024 12:35:51] Curve Number Parameter = 29

[5/31/2024 12:35:51] Imperviousness = 29

[5/31/2024 12:35:51]

[5/31/2024 12:35:52] --- Routing Counts -------------------------------------------------

[5/31/2024 12:35:52] Region = 0

[5/31/2024 12:35:52] Total Node = 54

[5/31/2024 12:35:52] 1D Stage Area = 52

[5/31/2024 12:35:52] 1D Time Stage = 2

[5/31/2024 12:35:52] 1D Drop Nodes = 0

[5/31/2024 12:35:52] 2D Stage Area = 0

[5/31/2024 12:35:52] 2D Time Stage = 0

[5/31/2024 12:35:52] 2D Pond Ghost = 0

[5/31/2024 12:35:52] 2D Chan Ghost = 0

[5/31/2024 12:35:52] 1D/2D Node Interfaces = 0

[5/31/2024 12:35:52] 1D/2D Injection Wells = 0

[5/31/2024 12:35:53] Total Link = 85

[5/31/2024 12:35:53] 1D Pipe = 26

[5/31/2024 12:35:53] 1D Drop Structure = 1

[5/31/2024 12:35:53] 1D French Drain = 0

[5/31/2024 12:35:53] 1D Channel = 2

[5/31/2024 12:35:53] 2D Channel = 0

[5/31/2024 12:35:53] 1D Weir = 54

[5/31/2024 12:35:53] 1D Drop Weir = 2

[5/31/2024 12:35:53] 2D Weir = 0

[5/31/2024 12:35:53] 1D Rating Curve = 0

[5/31/2024 12:35:53] 1D Percolation = 0

[5/31/2024 12:35:53] Cross Section = 36

[5/31/2024 12:35:53] Operating Table = 0

[5/31/2024 12:35:53]

[5/31/2024 12:35:53] --- Groundwater Counts ---------------------------------------------

[5/31/2024 12:35:53] Region = 0

[5/31/2024 12:35:53] Triangle = 0

[5/31/2024 12:35:53] Vertex = 0

[5/31/2024 12:35:54] Midpoint = 0

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

[5/31/2024 12:35:54]

[5/31/2024 12:35:54] Processing Initial Link Flows...

[5/31/2024 12:35:54] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 12:35:54] Node N-BTW-01 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:54] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:54] Node N-BTW-08 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:54] Node N-BTW-11 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:54] Node N-BTW-12 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:54] Node N-BTW-15 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:54] Node N-BTW-10 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:54] Node N-BTW-07 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:55] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:55] Node N-BTW-09 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:55] Node N-BTW-10B caused a revert (this will only be logged once per node)

[5/31/2024 12:35:55] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:55] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:55] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:55] Node N-BTW-08B caused a revert (this will only be logged once per node)

[5/31/2024 12:35:58] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:58] Node N-BTW-17 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:58] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:59] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:59] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 12:35:59] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 12:36:00] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 12:36:00] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 12:36:01] Node N-BTW-19B caused a revert (this will only be logged once per node)

[5/31/2024 12:36:01] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 12:36:01] Node N-BTW-26B caused a revert (this will only be logged once per node)

[5/31/2024 12:36:01] Node N-BTW-25 caused a revert (this will only be logged once per node)

[5/31/2024 12:36:02] Node N-BTW-25B caused a revert (this will only be logged once per node)

[5/31/2024 12:36:02] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 12:37:16] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 12:38:28] Node N-BTW-18B caused a revert (this will only be logged once per node)

[5/31/2024 12:38:30] Node N-BTW-17B caused a revert (this will only be logged once per node)

[5/31/2024 12:38:37] Node N-BTW-20B caused a revert (this will only be logged once per node)

[5/31/2024 12:38:41] Node N-BTW-14 caused a revert (this will only be logged once per node)

[5/31/2024 12:38:41] Node N-BTW-27B caused a revert (this will only be logged once per node)

[5/31/2024 12:38:45] Conduit Optimizer Total Count=24368159 of 29685768

[5/31/2024 12:38:45] PC busted 336 of 477407

[5/31/2024 12:38:45] Average Iterations was 1.221

[5/31/2024 12:38:45] Average dt was 0.38042 sec

[5/31/2024 12:38:45] Revert count=23171

[5/31/2024 12:38:45]

[5/31/2024 12:38:45] ---- Timers -----------------------------

[5/31/2024 12:38:45] Total Time=170.953 sec

[5/31/2024 12:38:45] Basin Time=0.044 sec

[5/31/2024 12:38:45] BasinPoly Time=0.022 sec

[5/31/2024 12:38:45] Node Time=9.925 sec

[5/31/2024 12:38:45] Link Time=144.498 sec

[5/31/2024 12:38:45] Hydrology Output Time=3.780 sec

[5/31/2024 12:38:45] Groundwater Output Time=0.125 sec

[5/31/2024 12:38:45] Routing Output Time=8.506 sec

[5/31/2024 12:38:45] --- Thread Timers --------------------

[5/31/2024 12:38:45] Thread[0] Basin Time=0.005 sec

[5/31/2024 12:38:45] Thread[0] BasinPoly Time=0.002 sec

[5/31/2024 12:38:45] Thread[0] Node Time=0.627 sec

[5/31/2024 12:38:45] Thread[0] Link Time=69.075 sec

[5/31/2024 12:38:45] --- Thread Timers --------------------

[5/31/2024 12:38:45] Thread[1] Basin Time=0.006 sec

[5/31/2024 12:38:45] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 12:38:45] Thread[1] Node Time=0.721 sec

[5/31/2024 12:38:46] Thread[1] Link Time=64.465 sec

[5/31/2024 12:38:46] --- Thread Timers --------------------

[5/31/2024 12:38:46] Thread[2] Basin Time=0.009 sec

[5/31/2024 12:38:46] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 12:38:46] Thread[2] Node Time=0.749 sec

[5/31/2024 12:38:46] Thread[2] Link Time=70.132 sec

[5/31/2024 12:38:46] --- Thread Timers --------------------

[5/31/2024 12:38:46] Thread[3] Basin Time=0.006 sec

[5/31/2024 12:38:46] Thread[3] BasinPoly Time=0.002 sec

[5/31/2024 12:38:46] Thread[3] Node Time=0.743 sec

[5/31/2024 12:38:46] Thread[3] Link Time=99.066 sec

[5/31/2024 12:38:46] --- Thread Timers --------------------

[5/31/2024 12:38:46] Thread[4] Basin Time=0.011 sec

[5/31/2024 12:38:46] Thread[4] BasinPoly Time=0.002 sec

[5/31/2024 12:38:46] Thread[4] Node Time=0.692 sec

[5/31/2024 12:38:46] Thread[4] Link Time=4.928 sec

[5/31/2024 12:38:46] --- Thread Timers --------------------

[5/31/2024 12:38:46] Thread[5] Basin Time=0.007 sec

[5/31/2024 12:38:46] Thread[5] BasinPoly Time=0.002 sec

[5/31/2024 12:38:46] Thread[5] Node Time=0.779 sec

[5/31/2024 12:38:46] Thread[5] Link Time=5.400 sec

[5/31/2024 12:38:46] --- Thread Timers --------------------

[5/31/2024 12:38:46] Thread[6] Basin Time=0.007 sec

[5/31/2024 12:38:46] Thread[6] BasinPoly Time=0.002 sec

[5/31/2024 12:38:47] Thread[6] Node Time=0.816 sec

[5/31/2024 12:38:47] Thread[6] Link Time=82.014 sec

[5/31/2024 12:38:47] --- Thread Timers --------------------

[5/31/2024 12:38:47] Thread[7] Basin Time=0.007 sec

[5/31/2024 12:38:47] Thread[7] BasinPoly Time=0.002 sec

[5/31/2024 12:38:47] Thread[7] Node Time=0.789 sec

[5/31/2024 12:38:47] Thread[7] Link Time=27.327 sec

[5/31/2024 12:38:47] --- Thread Timers --------------------

[5/31/2024 12:38:47] Thread[8] Basin Time=0.006 sec

[5/31/2024 12:38:47] Thread[8] BasinPoly Time=0.002 sec

[5/31/2024 12:38:48] Thread[8] Node Time=0.670 sec

[5/31/2024 12:38:48] Thread[8] Link Time=18.041 sec

[5/31/2024 12:38:48] --- Thread Timers --------------------

[5/31/2024 12:38:48] Thread[9] Basin Time=0.003 sec

[5/31/2024 12:38:48] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 12:38:48] Thread[9] Node Time=0.695 sec

[5/31/2024 12:38:48] Thread[9] Link Time=77.871 sec

[5/31/2024 12:38:49] --- Thread Timers --------------------

[5/31/2024 12:38:49] Thread[10] Basin Time=0.003 sec

[5/31/2024 12:38:49] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 12:38:49] Thread[10] Node Time=0.671 sec

[5/31/2024 12:38:49] Thread[10] Link Time=55.992 sec

[5/31/2024 12:38:49] --- Thread Timers --------------------

[5/31/2024 12:38:49] Thread[11] Basin Time=0.004 sec

[5/31/2024 12:38:50] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 12:38:50] Thread[11] Node Time=0.693 sec

[5/31/2024 12:38:50] Thread[11] Link Time=34.597 sec

[5/31/2024 12:38:50] --- Thread Timers --------------------

[5/31/2024 12:38:50] Thread[12] Basin Time=0.004 sec

[5/31/2024 12:38:50] Thread[12] BasinPoly Time=0.001 sec

[5/31/2024 12:38:51] Thread[12] Node Time=0.750 sec

[5/31/2024 12:38:51] Thread[12] Link Time=3.006 sec

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

[5/31/2024 12:38:51] Thread[13] Basin Time=0.004 sec

[5/31/2024 12:38:52] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 12:38:52] Thread[13] Node Time=0.673 sec

[5/31/2024 12:38:52] Thread[13] Link Time=3.523 sec

[5/31/2024 12:38:52] --- Thread Timers --------------------

[5/31/2024 12:38:52] Thread[14] Basin Time=0.004 sec

[5/31/2024 12:38:53] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 12:38:53] Thread[14] Node Time=0.643 sec

[5/31/2024 12:38:53] Thread[14] Link Time=4.704 sec

[5/31/2024 12:38:53] --- Thread Timers --------------------

[5/31/2024 12:38:53] Thread[15] Basin Time=0.004 sec

[5/31/2024 12:38:53] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 12:38:54] Thread[15] Node Time=0.571 sec

[5/31/2024 12:38:54] Thread[15] Link Time=5.944 sec

[5/31/2024 12:38:54] --- Thread Timers --------------------

[5/31/2024 12:38:54] Thread[16] Basin Time=0.003 sec

[5/31/2024 12:38:54] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 12:38:54] Thread[16] Node Time=0.551 sec

[5/31/2024 12:38:54] Thread[16] Link Time=6.429 sec

[5/31/2024 12:38:55] --- Thread Timers --------------------

[5/31/2024 12:38:55] Thread[17] Basin Time=0.003 sec

[5/31/2024 12:38:55] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 12:38:55] Thread[17] Node Time=0.445 sec

[5/31/2024 12:38:55] Thread[17] Link Time=8.709 sec

[5/31/2024 12:38:55] --- Thread Timers --------------------

[5/31/2024 12:38:55] Thread[18] Basin Time=0.003 sec

[5/31/2024 12:38:55] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 12:38:55] Thread[18] Node Time=0.548 sec

[5/31/2024 12:38:56] Thread[18] Link Time=58.610 sec