[5/31/2024 13:01:52]

 threads=-1

 batch=14 of 24

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

 nextsim=C:\Work Space\buttonwood\Scenarios\Sc18\Simulations\Si20\

[5/31/2024 13:01:52] C:\Work Space\buttonwood\Scenarios\Sc18\Simulations\Si27\echo.i4p

[5/31/2024 13:01:52] Reading Simulation

[5/31/2024 13:01:52] Simulation=100YR24HR-2.36

[5/31/2024 13:01:52] RunMode=0

[5/31/2024 13:01:52] HotStart=0

[5/31/2024 13:01:52] SaveRestart=0

[5/31/2024 13:01:52] StartYear=0

[5/31/2024 13:01:52] StartMonth=0

[5/31/2024 13:01:52] StartDay=0

[5/31/2024 13:01:52] StartHour=0.000

[5/31/2024 13:01:52] EndYear=0

[5/31/2024 13:01:52] EndMonth=0

[5/31/2024 13:01:53] EndDay=0

[5/31/2024 13:01:53] EndHour=48.000

[5/31/2024 13:01:53] HotstartYear=0

[5/31/2024 13:01:53] HotstartMonth=0

[5/31/2024 13:01:53] HotstartDay=0

[5/31/2024 13:01:53] HotstartHour=0.000

[5/31/2024 13:01:53] MinCalc\_Hydrology=60.000

[5/31/2024 13:01:53] MinCalc\_Hydraulics=0.100

[5/31/2024 13:01:53] MaxCalc\_Hydraulics=30.000

[5/31/2024 13:01:53] MinCalc\_Groundwater=900.000

[5/31/2024 13:01:53] RainfallSet=

[5/31/2024 13:01:53] RefETSet=

[5/31/2024 13:01:53] UnitHydSet=

[5/31/2024 13:01:53] BndStageSet=25YR24HR-2.36

[5/31/2024 13:01:53] ExHydSet=

[5/31/2024 13:01:53] CurveNumSet=

[5/31/2024 13:01:53] GreenAmptSet=

[5/31/2024 13:01:53] VertLayerSet=

[5/31/2024 13:01:53] ImpervSet=

[5/31/2024 13:01:53] RoughnessSet=

[5/31/2024 13:01:53] CropCoefSet=

[5/31/2024 13:01:53] PorosSet=

[5/31/2024 13:01:53] ConductSet=

[5/31/2024 13:01:53] LeakageSet=

[5/31/2024 13:01:53] TimeMarching=0

[5/31/2024 13:01:53] MaxIterations=6

[5/31/2024 13:01:53] OverRelaxWeightFactor=0.500

[5/31/2024 13:01:53] dZTolerance=0.001

[5/31/2024 13:01:53] MaxdZ=1.500

[5/31/2024 13:01:53] LinkOptTol=0.000

[5/31/2024 13:01:53] EdgeLengthOpt=0

[5/31/2024 13:01:53] EdgeLengthFactor=0.667

[5/31/2024 13:01:53] DefaultDampThresh2d=0.005

[5/31/2024 13:01:53] MinSurfArea2d=100.000

[5/31/2024 13:01:53] EnergySwitch2d=1

[5/31/2024 13:01:53] IaTime=24.000

[5/31/2024 13:01:53] IncludeETManBasns=0

[5/31/2024 13:01:53] VertLayerSoln=0

[5/31/2024 13:01:53] RainOptManBasns=1

[5/31/2024 13:01:53] RainOptOF=1

[5/31/2024 13:01:53] RainName=~FLMOD

[5/31/2024 13:01:53] RainAmount=12.300

[5/31/2024 13:01:53] StormDur=24.000

[5/31/2024 13:01:53] DefaultDampThresh1D=0.005

[5/31/2024 13:01:53] MinNodeSurfArea1D=100.000

[5/31/2024 13:01:53] EnergySwitch1D=1

[5/31/2024 13:01:53] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 13:01:54] 19 threads [20 cores detected]

[5/31/2024 13:01:54] SolutionMethod=SAOR

[5/31/2024 13:01:54] No \_ET.TXT

[5/31/2024 13:01:54] No \_EV.TXT

[5/31/2024 13:01:54] Reading Operating Tables

[5/31/2024 13:01:54] Reading Cross Sections

[5/31/2024 13:01:54] Reading 1D Nodes

[5/31/2024 13:01:54] Reading Overland Flow Nodes

[5/31/2024 13:01:54] Reading 1D Channels

[5/31/2024 13:01:54] Setting up channel ghost nodes

[5/31/2024 13:01:55] Reading Pipes

[5/31/2024 13:01:55] Reading Rating Curves

[5/31/2024 13:01:55] Reading Weirs

[5/31/2024 13:01:55] Reading Drop Structures

[5/31/2024 13:01:55] Reading Breaches

[5/31/2024 13:01:55] Reading Percs

[5/31/2024 13:01:55] Reading Overland Flow Channels

[5/31/2024 13:01:55] Reading Overland Flow Weirs

[5/31/2024 13:01:55] Setting up ghost nodes

[5/31/2024 13:01:56] Reading Manual Basins

[5/31/2024 13:01:56] Reading Overland Flow Basins

[5/31/2024 13:01:56] Sorting basins

[5/31/2024 13:01:56] Reading Basin Features

[5/31/2024 13:01:56] Reading Groundwater

[5/31/2024 13:01:56] Initializing threads

[5/31/2024 13:01:56] Build Complete

[5/31/2024 13:01:56] Total basin area=47.340

[5/31/2024 13:01:56] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 13:01:56]

[5/31/2024 13:01:56] --- Hydrology Counts -----------------------------------------------

[5/31/2024 13:01:56] Total Basin = 28

[5/31/2024 13:01:57] Direct Basin = 0

[5/31/2024 13:01:57] Manual NRCS Basin = 0

[5/31/2024 13:01:57] Manual SB Basin = 0

[5/31/2024 13:01:57] Mapped NRCS Basin = 0

[5/31/2024 13:01:57] Mapped SB Basin = 0

[5/31/2024 13:01:57] Simple NRCS Basin = 28

[5/31/2024 13:01:57] Simple SB Basin = 0

[5/31/2024 13:01:57] Total Basin Polygon = 28

[5/31/2024 13:01:57] Manual Basin Polygon = 0

[5/31/2024 13:01:57] Mapped Basin Polygon = 0

[5/31/2024 13:01:58] 2D Basin Polygon = 0

[5/31/2024 13:01:58] Crop = 0

[5/31/2024 13:01:58] Reference ET = 0

[5/31/2024 13:01:58] Rainfall = 1

[5/31/2024 13:01:58] Green Ampt Parameter = 0

[5/31/2024 13:01:58] Vert Layer Parameter = 0

[5/31/2024 13:01:58] Curve Number Parameter = 29

[5/31/2024 13:01:58] Imperviousness = 29

[5/31/2024 13:01:58]

[5/31/2024 13:01:58] --- Routing Counts -------------------------------------------------

[5/31/2024 13:01:59] Region = 0

[5/31/2024 13:01:59] Total Node = 55

[5/31/2024 13:01:59] 1D Stage Area = 52

[5/31/2024 13:01:59] 1D Time Stage = 3

[5/31/2024 13:01:59] 1D Drop Nodes = 0

[5/31/2024 13:01:59] 2D Stage Area = 0

[5/31/2024 13:02:00] 2D Time Stage = 0

[5/31/2024 13:02:00] 2D Pond Ghost = 0

[5/31/2024 13:02:00] 2D Chan Ghost = 0

[5/31/2024 13:02:00] 1D/2D Node Interfaces = 0

[5/31/2024 13:02:00] 1D/2D Injection Wells = 0

[5/31/2024 13:02:00] Total Link = 86

[5/31/2024 13:02:00] 1D Pipe = 27

[5/31/2024 13:02:00] 1D Drop Structure = 1

[5/31/2024 13:02:00] 1D French Drain = 0

[5/31/2024 13:02:01] 1D Channel = 2

[5/31/2024 13:02:01] 2D Channel = 0

[5/31/2024 13:02:01] 1D Weir = 54

[5/31/2024 13:02:01] 1D Drop Weir = 2

[5/31/2024 13:02:01] 2D Weir = 0

[5/31/2024 13:02:01] 1D Rating Curve = 0

[5/31/2024 13:02:01] 1D Percolation = 0

[5/31/2024 13:02:01] Cross Section = 36

[5/31/2024 13:02:01] Operating Table = 0

[5/31/2024 13:02:01]

[5/31/2024 13:02:01] --- Groundwater Counts ---------------------------------------------

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

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

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

[5/31/2024 13:02:02] Midpoint = 0

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

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

[5/31/2024 13:02:02] Processing Initial Link Flows...

[5/31/2024 13:02:02] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 13:02:02] Node N-BTW-11 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:02] Node N-BTW-12 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:02] Node N-BTW-24 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:03] Node N-BTW-10 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:03] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:03] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:03] Node N-BTW-23 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:03] Node N-BTW-10B caused a revert (this will only be logged once per node)

[5/31/2024 13:02:06] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 13:02:06] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:06] Node N-BTW-07 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:07] Node N-BTW-17 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:07] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:07] Node N-BTW-08 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:07] Node N-BTW-09 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:08] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:08] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 13:02:10] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 13:03:27] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 13:03:29] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 13:03:29] Node N-BTW-25 caused a revert (this will only be logged once per node)

[5/31/2024 13:04:05] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 13:04:05] Node N-BTW-01 caused a revert (this will only be logged once per node)

[5/31/2024 13:04:05] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 13:04:06] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 13:04:06] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 13:04:06] Node N-BTW-18B caused a revert (this will only be logged once per node)

[5/31/2024 13:04:07] Node N-BTW-01B caused a revert (this will only be logged once per node)

[5/31/2024 13:04:07] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 13:04:07] Node N-BTW-19B caused a revert (this will only be logged once per node)

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

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

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

[5/31/2024 13:04:08] Node N-BTW-25B caused a revert (this will only be logged once per node)

[5/31/2024 13:04:08] Node N-BTW-26B caused a revert (this will only be logged once per node)

[5/31/2024 13:04:08] Node N-BTW-27B caused a revert (this will only be logged once per node)

[5/31/2024 13:04:09] Node N-BTW-13 caused a revert (this will only be logged once per node)

[5/31/2024 13:04:13] Node N-BTW-15A caused a revert (this will only be logged once per node)

[5/31/2024 13:04:15] Node N-BTW-17B caused a revert (this will only be logged once per node)

[5/31/2024 13:04:15] Conduit Optimizer Total Count=24265378 of 28409444

[5/31/2024 13:04:15] PC busted 242 of 430782

[5/31/2024 13:04:15] Average Iterations was 1.355

[5/31/2024 13:04:15] Average dt was 0.41994 sec

[5/31/2024 13:04:15] Revert count=19291

[5/31/2024 13:04:15]

[5/31/2024 13:04:15] ---- Timers -----------------------------

[5/31/2024 13:04:15] Total Time=132.997 sec

[5/31/2024 13:04:15] Basin Time=0.015 sec

[5/31/2024 13:04:15] BasinPoly Time=0.005 sec

[5/31/2024 13:04:15] Node Time=6.614 sec

[5/31/2024 13:04:15] Link Time=116.603 sec

[5/31/2024 13:04:15] Hydrology Output Time=2.619 sec

[5/31/2024 13:04:15] Groundwater Output Time=0.001 sec

[5/31/2024 13:04:15] Routing Output Time=3.307 sec

[5/31/2024 13:04:15] --- Thread Timers --------------------

[5/31/2024 13:04:15] Thread[0] Basin Time=0.005 sec

[5/31/2024 13:04:15] Thread[0] BasinPoly Time=0.001 sec

[5/31/2024 13:04:16] Thread[0] Node Time=0.581 sec

[5/31/2024 13:04:16] Thread[0] Link Time=47.219 sec

[5/31/2024 13:04:16] --- Thread Timers --------------------

[5/31/2024 13:04:16] Thread[1] Basin Time=0.006 sec

[5/31/2024 13:04:16] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 13:04:16] Thread[1] Node Time=0.644 sec

[5/31/2024 13:04:16] Thread[1] Link Time=61.575 sec

[5/31/2024 13:04:16] --- Thread Timers --------------------

[5/31/2024 13:04:16] Thread[2] Basin Time=0.008 sec

[5/31/2024 13:04:16] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 13:04:16] Thread[2] Node Time=0.700 sec

[5/31/2024 13:04:16] Thread[2] Link Time=58.505 sec

[5/31/2024 13:04:16] --- Thread Timers --------------------

[5/31/2024 13:04:16] Thread[3] Basin Time=0.006 sec

[5/31/2024 13:04:16] Thread[3] BasinPoly Time=0.002 sec

[5/31/2024 13:04:16] Thread[3] Node Time=0.720 sec

[5/31/2024 13:04:16] Thread[3] Link Time=55.432 sec

[5/31/2024 13:04:16] --- Thread Timers --------------------

[5/31/2024 13:04:16] Thread[4] Basin Time=0.010 sec

[5/31/2024 13:04:16] Thread[4] BasinPoly Time=0.002 sec

[5/31/2024 13:04:16] Thread[4] Node Time=0.674 sec

[5/31/2024 13:04:16] Thread[4] Link Time=59.744 sec

[5/31/2024 13:04:16] --- Thread Timers --------------------

[5/31/2024 13:04:16] Thread[5] Basin Time=0.007 sec

[5/31/2024 13:04:16] Thread[5] BasinPoly Time=0.002 sec

[5/31/2024 13:04:16] Thread[5] Node Time=0.756 sec

[5/31/2024 13:04:16] Thread[5] Link Time=2.804 sec

[5/31/2024 13:04:16] --- Thread Timers --------------------

[5/31/2024 13:04:17] Thread[6] Basin Time=0.006 sec

[5/31/2024 13:04:17] Thread[6] BasinPoly Time=0.002 sec

[5/31/2024 13:04:17] Thread[6] Node Time=0.727 sec

[5/31/2024 13:04:17] Thread[6] Link Time=6.234 sec

[5/31/2024 13:04:17] --- Thread Timers --------------------

[5/31/2024 13:04:18] Thread[7] Basin Time=0.007 sec

[5/31/2024 13:04:19] Thread[7] BasinPoly Time=0.002 sec

[5/31/2024 13:04:19] Thread[7] Node Time=1.688 sec

[5/31/2024 13:04:19] Thread[7] Link Time=73.001 sec

[5/31/2024 13:04:19] --- Thread Timers --------------------

[5/31/2024 13:04:19] Thread[8] Basin Time=0.006 sec

[5/31/2024 13:04:19] Thread[8] BasinPoly Time=0.001 sec

[5/31/2024 13:04:20] Thread[8] Node Time=0.654 sec

[5/31/2024 13:04:20] Thread[8] Link Time=22.511 sec

[5/31/2024 13:04:20] --- Thread Timers --------------------

[5/31/2024 13:04:20] Thread[9] Basin Time=0.003 sec

[5/31/2024 13:04:20] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 13:04:20] Thread[9] Node Time=0.644 sec

[5/31/2024 13:04:20] Thread[9] Link Time=14.829 sec

[5/31/2024 13:04:20] --- Thread Timers --------------------

[5/31/2024 13:04:20] Thread[10] Basin Time=0.003 sec

[5/31/2024 13:04:20] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 13:04:20] Thread[10] Node Time=0.623 sec

[5/31/2024 13:04:21] Thread[10] Link Time=61.897 sec

[5/31/2024 13:04:21] --- Thread Timers --------------------

[5/31/2024 13:04:21] Thread[11] Basin Time=0.004 sec

[5/31/2024 13:04:21] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 13:04:21] Thread[11] Node Time=0.879 sec

[5/31/2024 13:04:21] Thread[11] Link Time=2.103 sec

[5/31/2024 13:04:21] --- Thread Timers --------------------

[5/31/2024 13:04:21] Thread[12] Basin Time=0.004 sec

[5/31/2024 13:04:21] Thread[12] BasinPoly Time=0.001 sec

[5/31/2024 13:04:21] Thread[12] Node Time=0.693 sec

[5/31/2024 13:04:21] Thread[12] Link Time=35.974 sec

[5/31/2024 13:04:21] --- Thread Timers --------------------

[5/31/2024 13:04:21] Thread[13] Basin Time=0.004 sec

[5/31/2024 13:04:22] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 13:04:22] Thread[13] Node Time=0.585 sec

[5/31/2024 13:04:22] Thread[13] Link Time=5.253 sec

[5/31/2024 13:04:22] --- Thread Timers --------------------

[5/31/2024 13:04:22] Thread[14] Basin Time=0.004 sec

[5/31/2024 13:04:22] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 13:04:22] Thread[14] Node Time=0.642 sec

[5/31/2024 13:04:22] Thread[14] Link Time=7.068 sec

[5/31/2024 13:04:22] --- Thread Timers --------------------

[5/31/2024 13:04:22] Thread[15] Basin Time=0.003 sec

[5/31/2024 13:04:22] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 13:04:22] Thread[15] Node Time=0.537 sec

[5/31/2024 13:04:22] Thread[15] Link Time=5.835 sec

[5/31/2024 13:04:23] --- Thread Timers --------------------

[5/31/2024 13:04:23] Thread[16] Basin Time=0.003 sec

[5/31/2024 13:04:23] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 13:04:23] Thread[16] Node Time=0.673 sec

[5/31/2024 13:04:23] Thread[16] Link Time=7.030 sec

[5/31/2024 13:04:23] --- Thread Timers --------------------

[5/31/2024 13:04:23] Thread[17] Basin Time=0.003 sec

[5/31/2024 13:04:23] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 13:04:23] Thread[17] Node Time=0.429 sec

[5/31/2024 13:04:23] Thread[17] Link Time=10.327 sec

[5/31/2024 13:04:23] --- Thread Timers --------------------

[5/31/2024 13:04:24] Thread[18] Basin Time=0.003 sec

[5/31/2024 13:04:24] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 13:04:24] Thread[18] Node Time=0.637 sec

[5/31/2024 13:04:24] Thread[18] Link Time=16.608 sec