[5/31/2024 12:56:58]

 threads=-1

 batch=12 of 24

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

 nextsim=C:\Work Space\buttonwood\Scenarios\Sc18\Simulations\Si19\

[5/31/2024 12:56:58] C:\Work Space\buttonwood\Scenarios\Sc1\Simulations\Si33\echo.i4p

[5/31/2024 12:56:58] Reading Simulation

[5/31/2024 12:56:58] Simulation=5YR24HR-2.36

[5/31/2024 12:56:58] RunMode=0

[5/31/2024 12:56:58] HotStart=0

[5/31/2024 12:56:58] SaveRestart=0

[5/31/2024 12:56:58] StartYear=0

[5/31/2024 12:56:58] StartMonth=0

[5/31/2024 12:56:58] StartDay=0

[5/31/2024 12:56:58] StartHour=0.000

[5/31/2024 12:56:58] EndYear=0

[5/31/2024 12:56:58] EndMonth=0

[5/31/2024 12:56:58] EndDay=0

[5/31/2024 12:56:58] EndHour=48.000

[5/31/2024 12:56:58] HotstartYear=0

[5/31/2024 12:56:58] HotstartMonth=0

[5/31/2024 12:56:58] HotstartDay=0

[5/31/2024 12:56:58] HotstartHour=0.000

[5/31/2024 12:56:58] MinCalc\_Hydrology=60.000

[5/31/2024 12:56:58] MinCalc\_Hydraulics=0.100

[5/31/2024 12:56:58] MaxCalc\_Hydraulics=30.000

[5/31/2024 12:56:59] MinCalc\_Groundwater=900.000

[5/31/2024 12:56:59] RainfallSet=

[5/31/2024 12:56:59] RefETSet=

[5/31/2024 12:56:59] UnitHydSet=

[5/31/2024 12:56:59] BndStageSet=25YR24HR-2.36

[5/31/2024 12:56:59] ExHydSet=

[5/31/2024 12:56:59] CurveNumSet=

[5/31/2024 12:56:59] GreenAmptSet=

[5/31/2024 12:56:59] VertLayerSet=

[5/31/2024 12:56:59] ImpervSet=

[5/31/2024 12:56:59] RoughnessSet=

[5/31/2024 12:56:59] CropCoefSet=

[5/31/2024 12:56:59] PorosSet=

[5/31/2024 12:56:59] ConductSet=

[5/31/2024 12:56:59] LeakageSet=

[5/31/2024 12:56:59] TimeMarching=0

[5/31/2024 12:56:59] MaxIterations=6

[5/31/2024 12:56:59] OverRelaxWeightFactor=0.500

[5/31/2024 12:56:59] dZTolerance=0.001

[5/31/2024 12:56:59] MaxdZ=1.500

[5/31/2024 12:56:59] LinkOptTol=0.000

[5/31/2024 12:56:59] EdgeLengthOpt=0

[5/31/2024 12:56:59] EdgeLengthFactor=0.667

[5/31/2024 12:56:59] DefaultDampThresh2d=0.005

[5/31/2024 12:56:59] MinSurfArea2d=100.000

[5/31/2024 12:56:59] EnergySwitch2d=-1580643839

[5/31/2024 12:56:59] IaTime=24.000

[5/31/2024 12:56:59] IncludeETManBasns=0

[5/31/2024 12:56:59] VertLayerSoln=0

[5/31/2024 12:56:59] RainOptManBasns=1

[5/31/2024 12:56:59] RainOptOF=1

[5/31/2024 12:56:59] RainName=~FLMOD

[5/31/2024 12:56:59] RainAmount=5.940

[5/31/2024 12:56:59] StormDur=24.000

[5/31/2024 12:56:59] DefaultDampThresh1D=0.005

[5/31/2024 12:56:59] MinNodeSurfArea1D=100.000

[5/31/2024 12:56:59] EnergySwitch1D=1

[5/31/2024 12:56:59] Comment=Rainfall from NOAA Atlas 14

[5/31/2024 12:56:59] 19 threads [20 cores detected]

[5/31/2024 12:56:59] SolutionMethod=SAOR

[5/31/2024 12:56:59] No \_ET.TXT

[5/31/2024 12:56:59] No \_EV.TXT

[5/31/2024 12:56:59] Reading Operating Tables

[5/31/2024 12:56:59] Reading Cross Sections

[5/31/2024 12:56:59] Reading 1D Nodes

[5/31/2024 12:56:59] Reading Overland Flow Nodes

[5/31/2024 12:57:00] Reading 1D Channels

[5/31/2024 12:57:00] Setting up channel ghost nodes

[5/31/2024 12:57:00] Reading Pipes

[5/31/2024 12:57:00] Reading Rating Curves

[5/31/2024 12:57:00] Reading Weirs

[5/31/2024 12:57:00] Reading Drop Structures

[5/31/2024 12:57:00] Reading Breaches

[5/31/2024 12:57:00] Reading Percs

[5/31/2024 12:57:00] Reading Overland Flow Channels

[5/31/2024 12:57:00] Reading Overland Flow Weirs

[5/31/2024 12:57:00] Setting up ghost nodes

[5/31/2024 12:57:00] Reading Manual Basins

[5/31/2024 12:57:00] Reading Overland Flow Basins

[5/31/2024 12:57:00] Sorting basins

[5/31/2024 12:57:01] Reading Basin Features

[5/31/2024 12:57:01] Reading Groundwater

[5/31/2024 12:57:01] Initializing threads

[5/31/2024 12:57:01] Build Complete

[5/31/2024 12:57:01] Total basin area=47.340

[5/31/2024 12:57:01] Basins: Minarea\_ft2=6098.40000 Maxarea\_ft2=611582.40000 Avgarea\_ft2=73647.51429

[5/31/2024 12:57:01]

[5/31/2024 12:57:01] --- Hydrology Counts -----------------------------------------------

[5/31/2024 12:57:01] Total Basin = 28

[5/31/2024 12:57:01] Direct Basin = 0

[5/31/2024 12:57:01] Manual NRCS Basin = 0

[5/31/2024 12:57:01] Manual SB Basin = 0

[5/31/2024 12:57:01] Mapped NRCS Basin = 0

[5/31/2024 12:57:01] Mapped SB Basin = 0

[5/31/2024 12:57:01] Simple NRCS Basin = 28

[5/31/2024 12:57:01] Simple SB Basin = 0

[5/31/2024 12:57:01] Total Basin Polygon = 28

[5/31/2024 12:57:01] Manual Basin Polygon = 0

[5/31/2024 12:57:01] Mapped Basin Polygon = 0

[5/31/2024 12:57:01] 2D Basin Polygon = 0

[5/31/2024 12:57:01] Crop = 0

[5/31/2024 12:57:01] Reference ET = 0

[5/31/2024 12:57:01] Rainfall = 1

[5/31/2024 12:57:02] Green Ampt Parameter = 0

[5/31/2024 12:57:02] Vert Layer Parameter = 0

[5/31/2024 12:57:02] Curve Number Parameter = 29

[5/31/2024 12:57:02] Imperviousness = 29

[5/31/2024 12:57:02]

[5/31/2024 12:57:02] --- Routing Counts -------------------------------------------------

[5/31/2024 12:57:02] Region = 0

[5/31/2024 12:57:02] Total Node = 54

[5/31/2024 12:57:02] 1D Stage Area = 52

[5/31/2024 12:57:02] 1D Time Stage = 2

[5/31/2024 12:57:02] 1D Drop Nodes = 0

[5/31/2024 12:57:02] 2D Stage Area = 0

[5/31/2024 12:57:02] 2D Time Stage = 0

[5/31/2024 12:57:02] 2D Pond Ghost = 0

[5/31/2024 12:57:02] 2D Chan Ghost = 0

[5/31/2024 12:57:02] 1D/2D Node Interfaces = 0

[5/31/2024 12:57:02] 1D/2D Injection Wells = 0

[5/31/2024 12:57:02] Total Link = 85

[5/31/2024 12:57:03] 1D Pipe = 26

[5/31/2024 12:57:03] 1D Drop Structure = 1

[5/31/2024 12:57:03] 1D French Drain = 0

[5/31/2024 12:57:03] 1D Channel = 2

[5/31/2024 12:57:03] 2D Channel = 0

[5/31/2024 12:57:03] 1D Weir = 54

[5/31/2024 12:57:03] 1D Drop Weir = 2

[5/31/2024 12:57:03] 2D Weir = 0

[5/31/2024 12:57:03] 1D Rating Curve = 0

[5/31/2024 12:57:03] 1D Percolation = 0

[5/31/2024 12:57:03] Cross Section = 36

[5/31/2024 12:57:03] Operating Table = 0

[5/31/2024 12:57:03]

[5/31/2024 12:57:03] --- Groundwater Counts ---------------------------------------------

[5/31/2024 12:57:03] Region = 0

[5/31/2024 12:57:03] Triangle = 0

[5/31/2024 12:57:03] Vertex = 0

[5/31/2024 12:57:03] Midpoint = 0

[5/31/2024 12:57:04] --------------------------------------------------------------------

[5/31/2024 12:57:04]

[5/31/2024 12:57:04] Processing Initial Link Flows...

[5/31/2024 12:57:04] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/31/2024 12:57:04] Node N-BTW-01 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-06 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-08 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-11 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-12 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-15 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-10 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-07 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-02 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-09 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:04] Node N-BTW-10B caused a revert (this will only be logged once per node)

[5/31/2024 12:57:05] Node N-BTW-03 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:05] Node N-BTW-04 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:05] Node N-BTW-05 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:05] Node N-BTW-08B caused a revert (this will only be logged once per node)

[5/31/2024 12:57:07] Node N-BTW-18 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:08] Node N-BTW-19 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:08] Node N-BTW-17 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:08] Node N-BTW-29 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:08] Node N-BTW-28 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:09] Node N-BTW-14A caused a revert (this will only be logged once per node)

[5/31/2024 12:57:09] Node N-BTW-20 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:10] Node N-BTW-21 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:10] Node N-BTW-19B caused a revert (this will only be logged once per node)

[5/31/2024 12:57:11] Node N-BTW-25 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:11] Node N-BTW-26 caused a revert (this will only be logged once per node)

[5/31/2024 12:57:12] Node N-BTW-26B caused a revert (this will only be logged once per node)

[5/31/2024 12:57:12] Node N-BTW-25B caused a revert (this will only be logged once per node)

[5/31/2024 12:57:13] Node N-BTW-16 caused a revert (this will only be logged once per node)

[5/31/2024 12:58:17] Node N-BTW-27 caused a revert (this will only be logged once per node)

[5/31/2024 12:59:27] Node N-BTW-18B caused a revert (this will only be logged once per node)

[5/31/2024 12:59:30] Node N-BTW-17B caused a revert (this will only be logged once per node)

[5/31/2024 12:59:31] Node N-BTW-20B caused a revert (this will only be logged once per node)

[5/31/2024 12:59:32] Node N-BTW-14 caused a revert (this will only be logged once per node)

[5/31/2024 12:59:33] Conduit Optimizer Total Count=22964889 of 28135800

[5/31/2024 12:59:33] PC busted 339 of 456129

[5/31/2024 12:59:33] Average Iterations was 1.203

[5/31/2024 12:59:33] Average dt was 0.39857 sec

[5/31/2024 12:59:33] Revert count=22575

[5/31/2024 12:59:33]

[5/31/2024 12:59:33] ---- Timers -----------------------------

[5/31/2024 12:59:33] Total Time=149.253 sec

[5/31/2024 12:59:33] Basin Time=0.016 sec

[5/31/2024 12:59:33] BasinPoly Time=0.008 sec

[5/31/2024 12:59:33] Node Time=5.955 sec

[5/31/2024 12:59:33] Link Time=135.145 sec

[5/31/2024 12:59:33] Hydrology Output Time=2.102 sec

[5/31/2024 12:59:33] Groundwater Output Time=0.001 sec

[5/31/2024 12:59:33] Routing Output Time=2.073 sec

[5/31/2024 12:59:33] --- Thread Timers --------------------

[5/31/2024 12:59:34] Thread[0] Basin Time=0.005 sec

[5/31/2024 12:59:34] Thread[0] BasinPoly Time=0.001 sec

[5/31/2024 12:59:34] Thread[0] Node Time=0.585 sec

[5/31/2024 12:59:34] Thread[0] Link Time=69.098 sec

[5/31/2024 12:59:34] --- Thread Timers --------------------

[5/31/2024 12:59:34] Thread[1] Basin Time=0.006 sec

[5/31/2024 12:59:34] Thread[1] BasinPoly Time=0.002 sec

[5/31/2024 12:59:34] Thread[1] Node Time=0.662 sec

[5/31/2024 12:59:34] Thread[1] Link Time=64.570 sec

[5/31/2024 12:59:34] --- Thread Timers --------------------

[5/31/2024 12:59:34] Thread[2] Basin Time=0.009 sec

[5/31/2024 12:59:34] Thread[2] BasinPoly Time=0.002 sec

[5/31/2024 12:59:34] Thread[2] Node Time=0.741 sec

[5/31/2024 12:59:34] Thread[2] Link Time=68.892 sec

[5/31/2024 12:59:34] --- Thread Timers --------------------

[5/31/2024 12:59:34] Thread[3] Basin Time=0.006 sec

[5/31/2024 12:59:34] Thread[3] BasinPoly Time=0.002 sec

[5/31/2024 12:59:34] Thread[3] Node Time=0.694 sec

[5/31/2024 12:59:34] Thread[3] Link Time=93.579 sec

[5/31/2024 12:59:34] --- Thread Timers --------------------

[5/31/2024 12:59:34] Thread[4] Basin Time=0.010 sec

[5/31/2024 12:59:34] Thread[4] BasinPoly Time=0.002 sec

[5/31/2024 12:59:34] Thread[4] Node Time=0.685 sec

[5/31/2024 12:59:34] Thread[4] Link Time=4.798 sec

[5/31/2024 12:59:34] --- Thread Timers --------------------

[5/31/2024 12:59:34] Thread[5] Basin Time=0.006 sec

[5/31/2024 12:59:34] Thread[5] BasinPoly Time=0.002 sec

[5/31/2024 12:59:34] Thread[5] Node Time=0.728 sec

[5/31/2024 12:59:34] Thread[5] Link Time=5.174 sec

[5/31/2024 12:59:35] --- Thread Timers --------------------

[5/31/2024 12:59:35] Thread[6] Basin Time=0.006 sec

[5/31/2024 12:59:35] Thread[6] BasinPoly Time=0.002 sec

[5/31/2024 12:59:35] Thread[6] Node Time=0.754 sec

[5/31/2024 12:59:35] Thread[6] Link Time=75.995 sec

[5/31/2024 12:59:35] --- Thread Timers --------------------

[5/31/2024 12:59:35] Thread[7] Basin Time=0.007 sec

[5/31/2024 12:59:35] Thread[7] BasinPoly Time=0.002 sec

[5/31/2024 12:59:35] Thread[7] Node Time=0.805 sec

[5/31/2024 12:59:35] Thread[7] Link Time=27.399 sec

[5/31/2024 12:59:35] --- Thread Timers --------------------

[5/31/2024 12:59:35] Thread[8] Basin Time=0.005 sec

[5/31/2024 12:59:35] Thread[8] BasinPoly Time=0.002 sec

[5/31/2024 12:59:35] Thread[8] Node Time=0.641 sec

[5/31/2024 12:59:36] Thread[8] Link Time=17.295 sec

[5/31/2024 12:59:36] --- Thread Timers --------------------

[5/31/2024 12:59:36] Thread[9] Basin Time=0.003 sec

[5/31/2024 12:59:36] Thread[9] BasinPoly Time=0.001 sec

[5/31/2024 12:59:36] Thread[9] Node Time=0.651 sec

[5/31/2024 12:59:36] Thread[9] Link Time=76.048 sec

[5/31/2024 12:59:36] --- Thread Timers --------------------

[5/31/2024 12:59:36] Thread[10] Basin Time=0.003 sec

[5/31/2024 12:59:36] Thread[10] BasinPoly Time=0.001 sec

[5/31/2024 12:59:36] Thread[10] Node Time=0.613 sec

[5/31/2024 12:59:36] Thread[10] Link Time=56.463 sec

[5/31/2024 12:59:36] --- Thread Timers --------------------

[5/31/2024 12:59:36] Thread[11] Basin Time=0.003 sec

[5/31/2024 12:59:36] Thread[11] BasinPoly Time=0.001 sec

[5/31/2024 12:59:37] Thread[11] Node Time=0.673 sec

[5/31/2024 12:59:37] Thread[11] Link Time=33.553 sec

[5/31/2024 12:59:37] --- Thread Timers --------------------

[5/31/2024 12:59:37] Thread[12] Basin Time=0.004 sec

[5/31/2024 12:59:37] Thread[12] BasinPoly Time=0.001 sec

[5/31/2024 12:59:37] Thread[12] Node Time=0.668 sec

[5/31/2024 12:59:37] Thread[12] Link Time=2.736 sec

[5/31/2024 12:59:37] --- Thread Timers --------------------

[5/31/2024 12:59:37] Thread[13] Basin Time=0.003 sec

[5/31/2024 12:59:37] Thread[13] BasinPoly Time=0.001 sec

[5/31/2024 12:59:37] Thread[13] Node Time=0.643 sec

[5/31/2024 12:59:37] Thread[13] Link Time=2.887 sec

[5/31/2024 12:59:37] --- Thread Timers --------------------

[5/31/2024 12:59:38] Thread[14] Basin Time=0.004 sec

[5/31/2024 12:59:38] Thread[14] BasinPoly Time=0.001 sec

[5/31/2024 12:59:38] Thread[14] Node Time=0.622 sec

[5/31/2024 12:59:38] Thread[14] Link Time=4.679 sec

[5/31/2024 12:59:38] --- Thread Timers --------------------

[5/31/2024 12:59:38] Thread[15] Basin Time=0.003 sec

[5/31/2024 12:59:38] Thread[15] BasinPoly Time=0.001 sec

[5/31/2024 12:59:38] Thread[15] Node Time=0.542 sec

[5/31/2024 12:59:38] Thread[15] Link Time=5.940 sec

[5/31/2024 12:59:38] --- Thread Timers --------------------

[5/31/2024 12:59:38] Thread[16] Basin Time=0.003 sec

[5/31/2024 12:59:38] Thread[16] BasinPoly Time=0.001 sec

[5/31/2024 12:59:38] Thread[16] Node Time=0.511 sec

[5/31/2024 12:59:39] Thread[16] Link Time=5.401 sec

[5/31/2024 12:59:39] --- Thread Timers --------------------

[5/31/2024 12:59:39] Thread[17] Basin Time=0.003 sec

[5/31/2024 12:59:39] Thread[17] BasinPoly Time=0.001 sec

[5/31/2024 12:59:39] Thread[17] Node Time=0.433 sec

[5/31/2024 12:59:39] Thread[17] Link Time=8.586 sec

[5/31/2024 12:59:39] --- Thread Timers --------------------

[5/31/2024 12:59:39] Thread[18] Basin Time=0.003 sec

[5/31/2024 12:59:39] Thread[18] BasinPoly Time=0.001 sec

[5/31/2024 12:59:39] Thread[18] Node Time=0.493 sec

[5/31/2024 12:59:39] Thread[18] Link Time=59.368 sec