[5/30/2024 13:41:25]

 threads=-1

 batch=7 of 23

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

 nextsim=C:\Work Space\village\Scenarios\Sc31\Simulations\Si35\

[5/30/2024 13:41:25] C:\Work Space\village\Scenarios\Sc31\Simulations\Si37\echo.i4p

[5/30/2024 13:41:26] Reading Simulation

[5/30/2024 13:41:26] Simulation=25YR24HR-2.36

[5/30/2024 13:41:26] RunMode=0

[5/30/2024 13:41:26] HotStart=0

[5/30/2024 13:41:26] SaveRestart=0

[5/30/2024 13:41:26] StartYear=0

[5/30/2024 13:41:26] StartMonth=0

[5/30/2024 13:41:26] StartDay=0

[5/30/2024 13:41:26] StartHour=0.000

[5/30/2024 13:41:26] EndYear=0

[5/30/2024 13:41:26] EndMonth=0

[5/30/2024 13:41:26] EndDay=0

[5/30/2024 13:41:26] EndHour=48.000

[5/30/2024 13:41:26] HotstartYear=0

[5/30/2024 13:41:26] HotstartMonth=0

[5/30/2024 13:41:26] HotstartDay=0

[5/30/2024 13:41:26] HotstartHour=0.000

[5/30/2024 13:41:26] MinCalc\_Hydrology=60.000

[5/30/2024 13:41:26] MinCalc\_Hydraulics=0.100

[5/30/2024 13:41:26] MaxCalc\_Hydraulics=60.000

[5/30/2024 13:41:26] MinCalc\_Groundwater=900.000

[5/30/2024 13:41:26] RainfallSet=ICPR3

[5/30/2024 13:41:26] RefETSet=

[5/30/2024 13:41:26] UnitHydSet=ICPR3

[5/30/2024 13:41:26] BndStageSet=2.36FT

[5/30/2024 13:41:26] ExHydSet=

[5/30/2024 13:41:26] CurveNumSet=

[5/30/2024 13:41:26] GreenAmptSet=

[5/30/2024 13:41:26] VertLayerSet=

[5/30/2024 13:41:27] ImpervSet=

[5/30/2024 13:41:27] RoughnessSet=

[5/30/2024 13:41:27] CropCoefSet=

[5/30/2024 13:41:27] PorosSet=

[5/30/2024 13:41:27] ConductSet=

[5/30/2024 13:41:27] LeakageSet=

[5/30/2024 13:41:27] TimeMarching=0

[5/30/2024 13:41:27] MaxIterations=6

[5/30/2024 13:41:27] OverRelaxWeightFactor=0.500

[5/30/2024 13:41:27] dZTolerance=0.001

[5/30/2024 13:41:27] MaxdZ=1.000

[5/30/2024 13:41:27] LinkOptTol=0.000

[5/30/2024 13:41:27] EdgeLengthOpt=0

[5/30/2024 13:41:27] EdgeLengthFactor=0.667

[5/30/2024 13:41:27] DefaultDampThresh2d=0.005

[5/30/2024 13:41:27] MinSurfArea2d=1.000

[5/30/2024 13:41:27] EnergySwitch2d=1

[5/30/2024 13:41:27] IaTime=24.000

[5/30/2024 13:41:27] IncludeETManBasns=0

[5/30/2024 13:41:27] VertLayerSoln=0

[5/30/2024 13:41:27] RainOptManBasns=1

[5/30/2024 13:41:27] RainOptOF=1

[5/30/2024 13:41:27] RainName=Flmod

[5/30/2024 13:41:27] RainAmount=8.880

[5/30/2024 13:41:27] StormDur=24.000

[5/30/2024 13:41:27] DefaultDampThresh1D=0.005

[5/30/2024 13:41:27] MinNodeSurfArea1D=113.000

[5/30/2024 13:41:27] EnergySwitch1D=1

[5/30/2024 13:41:27] Comment=

[5/30/2024 13:41:27] 7 threads [8 cores detected]

[5/30/2024 13:41:28] SolutionMethod=SAOR

[5/30/2024 13:41:28] No \_ET.TXT

[5/30/2024 13:41:28] No \_EV.TXT

[5/30/2024 13:41:28] Reading Operating Tables

[5/30/2024 13:41:28] Reading Cross Sections

[5/30/2024 13:41:28] Reading 1D Nodes

[5/30/2024 13:41:28] Reading Overland Flow Nodes

[5/30/2024 13:41:28] Reading 1D Channels

[5/30/2024 13:41:28] Setting up channel ghost nodes

[5/30/2024 13:41:28] Reading Pipes

[5/30/2024 13:41:28] Reading Rating Curves

[5/30/2024 13:41:28] Reading Weirs

[5/30/2024 13:41:29] Reading Drop Structures

[5/30/2024 13:41:29] Reading Breaches

[5/30/2024 13:41:29] Reading Percs

[5/30/2024 13:41:29] Reading Overland Flow Channels

[5/30/2024 13:41:29] Reading Overland Flow Weirs

[5/30/2024 13:41:29] Setting up ghost nodes

[5/30/2024 13:41:29] Reading Manual Basins

[5/30/2024 13:41:29] Reading Overland Flow Basins

[5/30/2024 13:41:29] Sorting basins

[5/30/2024 13:41:29] Reading Basin Features

[5/30/2024 13:41:29] Reading Groundwater

[5/30/2024 13:41:29] Initializing threads

[5/30/2024 13:41:30] Build Complete

[5/30/2024 13:41:30] Total basin area=58.210

[5/30/2024 13:41:30] Basins: Minarea\_ft2=30492.00000 Maxarea\_ft2=376358.40000 Avgarea\_ft2=133454.08421

[5/30/2024 13:41:30]

[5/30/2024 13:41:30] --- Hydrology Counts -----------------------------------------------

[5/30/2024 13:41:30] Total Basin = 19

[5/30/2024 13:41:30] Direct Basin = 0

[5/30/2024 13:41:30] Manual NRCS Basin = 0

[5/30/2024 13:41:30] Manual SB Basin = 0

[5/30/2024 13:41:30] Mapped NRCS Basin = 0

[5/30/2024 13:41:30] Mapped SB Basin = 0

[5/30/2024 13:41:30] Simple NRCS Basin = 19

[5/30/2024 13:41:30] Simple SB Basin = 0

[5/30/2024 13:41:30] Total Basin Polygon = 19

[5/30/2024 13:41:31] Manual Basin Polygon = 0

[5/30/2024 13:41:31] Mapped Basin Polygon = 0

[5/30/2024 13:41:31] 2D Basin Polygon = 0

[5/30/2024 13:41:31] Crop = 0

[5/30/2024 13:41:31] Reference ET = 0

[5/30/2024 13:41:31] Rainfall = 1

[5/30/2024 13:41:31] Green Ampt Parameter = 0

[5/30/2024 13:41:31] Vert Layer Parameter = 0

[5/30/2024 13:41:31] Curve Number Parameter = 20

[5/30/2024 13:41:31] Imperviousness = 20

[5/30/2024 13:41:31]

[5/30/2024 13:41:31] --- Routing Counts -------------------------------------------------

[5/30/2024 13:41:31] Region = 0

[5/30/2024 13:41:31] Total Node = 41

[5/30/2024 13:41:31] 1D Stage Area = 31

[5/30/2024 13:41:31] 1D Time Stage = 10

[5/30/2024 13:41:32] 1D Drop Nodes = 0

[5/30/2024 13:41:32] 2D Stage Area = 0

[5/30/2024 13:41:32] 2D Time Stage = 0

[5/30/2024 13:41:32] 2D Pond Ghost = 0

[5/30/2024 13:41:32] 2D Chan Ghost = 0

[5/30/2024 13:41:32] 1D/2D Node Interfaces = 0

[5/30/2024 13:41:32] 1D/2D Injection Wells = 0

[5/30/2024 13:41:32] Total Link = 87

[5/30/2024 13:41:32] 1D Pipe = 28

[5/30/2024 13:41:32] 1D Drop Structure = 0

[5/30/2024 13:41:32] 1D French Drain = 0

[5/30/2024 13:41:32] 1D Channel = 0

[5/30/2024 13:41:32] 2D Channel = 0

[5/30/2024 13:41:32] 1D Weir = 50

[5/30/2024 13:41:32] 1D Drop Weir = 0

[5/30/2024 13:41:33] 2D Weir = 0

[5/30/2024 13:41:33] 1D Rating Curve = 9

[5/30/2024 13:41:33] 1D Percolation = 0

[5/30/2024 13:41:33] Cross Section = 59

[5/30/2024 13:41:33] Operating Table = 11

[5/30/2024 13:41:33]

[5/30/2024 13:41:33] --- Groundwater Counts ---------------------------------------------

[5/30/2024 13:41:33] Region = 0

[5/30/2024 13:41:33] Triangle = 0

[5/30/2024 13:41:33] Vertex = 0

[5/30/2024 13:41:33] Midpoint = 0

[5/30/2024 13:41:33] --------------------------------------------------------------------

[5/30/2024 13:41:33]

[5/30/2024 13:41:33] Processing Initial Link Flows...

[5/30/2024 13:41:34] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 13:41:34] Node 1000 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 1200 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 1300 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 1400 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 1400A caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 1700 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 1700A caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 1700B caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 400 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 1600 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 1701A1 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 179 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:34] Node 900 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 1900 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 800 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 1701A caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 300 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 1200A caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 1001A caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 1001B caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 500 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 1100 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:35] Node 1500 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:36] Node 158 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:36] Node 700 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:36] Node 901A caused a revert (this will only be logged once per node)

[5/30/2024 13:41:36] Node 600 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:36] Node 100 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:36] Node 200 caused a revert (this will only be logged once per node)

[5/30/2024 13:41:36] Node 201A caused a revert (this will only be logged once per node)

[5/30/2024 13:41:36] Node 1800 caused a revert (this will only be logged once per node)

[5/30/2024 13:42:07] Conduit Optimizer Total Count=9617317 of 10592064

[5/30/2024 13:42:08] PC busted 36 of 175241

[5/30/2024 13:42:08] Average Iterations was 1.159

[5/30/2024 13:42:08] Average dt was 1.03536 sec

[5/30/2024 13:42:08] Revert count=8341

[5/30/2024 13:42:08]

[5/30/2024 13:42:08] ---- Timers -----------------------------

[5/30/2024 13:42:08] Total Time=33.716 sec

[5/30/2024 13:42:08] Basin Time=0.061 sec

[5/30/2024 13:42:08] BasinPoly Time=0.160 sec

[5/30/2024 13:42:08] Node Time=1.227 sec

[5/30/2024 13:42:09] Link Time=14.020 sec

[5/30/2024 13:42:09] Hydrology Output Time=13.495 sec

[5/30/2024 13:42:09] Groundwater Output Time=0.002 sec

[5/30/2024 13:42:09] Routing Output Time=1.503 sec

[5/30/2024 13:42:09] --- Thread Timers --------------------

[5/30/2024 13:42:09] Thread[0] Basin Time=0.012 sec

[5/30/2024 13:42:09] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 13:42:09] Thread[0] Node Time=0.488 sec

[5/30/2024 13:42:09] Thread[0] Link Time=11.879 sec

[5/30/2024 13:42:09] --- Thread Timers --------------------

[5/30/2024 13:42:09] Thread[1] Basin Time=0.009 sec

[5/30/2024 13:42:09] Thread[1] BasinPoly Time=0.002 sec

[5/30/2024 13:42:09] Thread[1] Node Time=0.514 sec

[5/30/2024 13:42:10] Thread[1] Link Time=10.127 sec

[5/30/2024 13:42:10] --- Thread Timers --------------------

[5/30/2024 13:42:10] Thread[2] Basin Time=0.011 sec

[5/30/2024 13:42:10] Thread[2] BasinPoly Time=0.002 sec

[5/30/2024 13:42:10] Thread[2] Node Time=0.494 sec

[5/30/2024 13:42:10] Thread[2] Link Time=2.690 sec

[5/30/2024 13:42:11] --- Thread Timers --------------------

[5/30/2024 13:42:11] Thread[3] Basin Time=0.015 sec

[5/30/2024 13:42:11] Thread[3] BasinPoly Time=0.002 sec

[5/30/2024 13:42:11] Thread[3] Node Time=0.526 sec

[5/30/2024 13:42:11] Thread[3] Link Time=11.789 sec

[5/30/2024 13:42:11] --- Thread Timers --------------------

[5/30/2024 13:42:11] Thread[4] Basin Time=0.010 sec

[5/30/2024 13:42:11] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 13:42:11] Thread[4] Node Time=0.508 sec

[5/30/2024 13:42:12] Thread[4] Link Time=7.869 sec

[5/30/2024 13:42:12] --- Thread Timers --------------------

[5/30/2024 13:42:12] Thread[5] Basin Time=0.007 sec

[5/30/2024 13:42:12] Thread[5] BasinPoly Time=0.002 sec

[5/30/2024 13:42:12] Thread[5] Node Time=0.512 sec

[5/30/2024 13:42:12] Thread[5] Link Time=9.386 sec

[5/30/2024 13:42:12] --- Thread Timers --------------------

[5/30/2024 13:42:12] Thread[6] Basin Time=0.009 sec

[5/30/2024 13:42:12] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 13:42:13] Thread[6] Node Time=0.422 sec

[5/30/2024 13:42:13] Thread[6] Link Time=10.025 sec