[5/30/2024 14:02:01]

threads=-1

batch=23 of 23

exe=

nextsim=

[5/30/2024 14:02:01] C:\Work Space\village\Scenarios\Sc58\Simulations\Si60\echo.i4p

[5/30/2024 14:02:01] Reading Simulation

[5/30/2024 14:02:01] Simulation=5yr24hr

[5/30/2024 14:02:01] RunMode=0

[5/30/2024 14:02:01] HotStart=0

[5/30/2024 14:02:01] SaveRestart=0

[5/30/2024 14:02:01] StartYear=0

[5/30/2024 14:02:01] StartMonth=0

[5/30/2024 14:02:01] StartDay=0

[5/30/2024 14:02:01] StartHour=0.000

[5/30/2024 14:02:01] EndYear=0

[5/30/2024 14:02:02] EndMonth=0

[5/30/2024 14:02:02] EndDay=0

[5/30/2024 14:02:02] EndHour=48.000

[5/30/2024 14:02:02] HotstartYear=0

[5/30/2024 14:02:02] HotstartMonth=0

[5/30/2024 14:02:02] HotstartDay=0

[5/30/2024 14:02:02] HotstartHour=0.000

[5/30/2024 14:02:02] MinCalc\_Hydrology=60.000

[5/30/2024 14:02:02] MinCalc\_Hydraulics=0.100

[5/30/2024 14:02:02] MaxCalc\_Hydraulics=60.000

[5/30/2024 14:02:02] MinCalc\_Groundwater=900.000

[5/30/2024 14:02:02] RainfallSet=ICPR3

[5/30/2024 14:02:02] RefETSet=

[5/30/2024 14:02:02] UnitHydSet=ICPR3

[5/30/2024 14:02:02] BndStageSet=MHHWL

[5/30/2024 14:02:02] ExHydSet=

[5/30/2024 14:02:02] CurveNumSet=

[5/30/2024 14:02:02] GreenAmptSet=

[5/30/2024 14:02:02] VertLayerSet=

[5/30/2024 14:02:02] ImpervSet=

[5/30/2024 14:02:02] RoughnessSet=

[5/30/2024 14:02:02] CropCoefSet=

[5/30/2024 14:02:02] PorosSet=

[5/30/2024 14:02:02] ConductSet=

[5/30/2024 14:02:02] LeakageSet=

[5/30/2024 14:02:02] TimeMarching=0

[5/30/2024 14:02:02] MaxIterations=6

[5/30/2024 14:02:02] OverRelaxWeightFactor=0.500

[5/30/2024 14:02:02] dZTolerance=0.001

[5/30/2024 14:02:02] MaxdZ=1.000

[5/30/2024 14:02:03] LinkOptTol=0.000

[5/30/2024 14:02:03] EdgeLengthOpt=0

[5/30/2024 14:02:03] EdgeLengthFactor=0.667

[5/30/2024 14:02:03] DefaultDampThresh2d=0.005

[5/30/2024 14:02:03] MinSurfArea2d=1.000

[5/30/2024 14:02:03] EnergySwitch2d=1

[5/30/2024 14:02:03] IaTime=24.000

[5/30/2024 14:02:03] IncludeETManBasns=0

[5/30/2024 14:02:03] VertLayerSoln=0

[5/30/2024 14:02:03] RainOptManBasns=1

[5/30/2024 14:02:03] RainOptOF=1

[5/30/2024 14:02:03] RainName=Flmod

[5/30/2024 14:02:03] RainAmount=5.940

[5/30/2024 14:02:03] StormDur=24.000

[5/30/2024 14:02:03] DefaultDampThresh1D=0.005

[5/30/2024 14:02:03] MinNodeSurfArea1D=113.000

[5/30/2024 14:02:03] EnergySwitch1D=1

[5/30/2024 14:02:03] Comment=

[5/30/2024 14:02:03] 7 threads [8 cores detected]

[5/30/2024 14:02:03] SolutionMethod=SAOR

[5/30/2024 14:02:03] No \_ET.TXT

[5/30/2024 14:02:03] No \_EV.TXT

[5/30/2024 14:02:03] Reading Operating Tables

[5/30/2024 14:02:03] Reading Cross Sections

[5/30/2024 14:02:04] Reading 1D Nodes

[5/30/2024 14:02:04] Reading Overland Flow Nodes

[5/30/2024 14:02:04] Reading 1D Channels

[5/30/2024 14:02:04] Setting up channel ghost nodes

[5/30/2024 14:02:04] Reading Pipes

[5/30/2024 14:02:04] Reading Rating Curves

[5/30/2024 14:02:04] Reading Weirs

[5/30/2024 14:02:04] Reading Drop Structures

[5/30/2024 14:02:04] Reading Breaches

[5/30/2024 14:02:04] Reading Percs

[5/30/2024 14:02:04] Reading Overland Flow Channels

[5/30/2024 14:02:04] Reading Overland Flow Weirs

[5/30/2024 14:02:04] Setting up ghost nodes

[5/30/2024 14:02:04] Reading Manual Basins

[5/30/2024 14:02:04] Reading Overland Flow Basins

[5/30/2024 14:02:05] Sorting basins

[5/30/2024 14:02:05] Reading Basin Features

[5/30/2024 14:02:05] Reading Groundwater

[5/30/2024 14:02:05] Hooking groundwater up to overland flow meshes

[5/30/2024 14:02:05] Initializing threads

[5/30/2024 14:02:05] Build Complete

[5/30/2024 14:02:05] Total basin area=58.231

[5/30/2024 14:02:05] Basins: Minarea\_ft2=3484.80000 Maxarea\_ft2=313632.00000 Avgarea\_ft2=42992.24339

[5/30/2024 14:02:05]

[5/30/2024 14:02:05] --- Hydrology Counts -----------------------------------------------

[5/30/2024 14:02:05] Total Basin = 59

[5/30/2024 14:02:05] Direct Basin = 0

[5/30/2024 14:02:06] Manual NRCS Basin = 0

[5/30/2024 14:02:06] Manual SB Basin = 0

[5/30/2024 14:02:06] Mapped NRCS Basin = 0

[5/30/2024 14:02:06] Mapped SB Basin = 0

[5/30/2024 14:02:06] Simple NRCS Basin = 59

[5/30/2024 14:02:06] Simple SB Basin = 0

[5/30/2024 14:02:06] Total Basin Polygon = 59

[5/30/2024 14:02:06] Manual Basin Polygon = 0

[5/30/2024 14:02:06] Mapped Basin Polygon = 0

[5/30/2024 14:02:06] 2D Basin Polygon = 0

[5/30/2024 14:02:06] Crop = 0

[5/30/2024 14:02:06] Reference ET = 0

[5/30/2024 14:02:06] Rainfall = 1

[5/30/2024 14:02:07] Green Ampt Parameter = 0

[5/30/2024 14:02:07] Vert Layer Parameter = 0

[5/30/2024 14:02:07] Curve Number Parameter = 60

[5/30/2024 14:02:07] Imperviousness = 60

[5/30/2024 14:02:07]

[5/30/2024 14:02:07] --- Routing Counts -------------------------------------------------

[5/30/2024 14:02:07] Region = 0

[5/30/2024 14:02:07] Total Node = 79

[5/30/2024 14:02:07] 1D Stage Area = 69

[5/30/2024 14:02:07] 1D Time Stage = 10

[5/30/2024 14:02:07] 1D Drop Nodes = 0

[5/30/2024 14:02:07] 2D Stage Area = 0

[5/30/2024 14:02:07] 2D Time Stage = 0

[5/30/2024 14:02:08] 2D Pond Ghost = 0

[5/30/2024 14:02:08] 2D Chan Ghost = 0

[5/30/2024 14:02:08] 1D/2D Node Interfaces = 0

[5/30/2024 14:02:08] 1D/2D Injection Wells = 0

[5/30/2024 14:02:08] Total Link = 103

[5/30/2024 14:02:08] 1D Pipe = 69

[5/30/2024 14:02:08] 1D Drop Structure = 0

[5/30/2024 14:02:08] 1D French Drain = 0

[5/30/2024 14:02:08] 1D Channel = 0

[5/30/2024 14:02:08] 2D Channel = 0

[5/30/2024 14:02:08] 1D Weir = 24

[5/30/2024 14:02:08] 1D Drop Weir = 0

[5/30/2024 14:02:08] 2D Weir = 0

[5/30/2024 14:02:08] 1D Rating Curve = 10

[5/30/2024 14:02:08] 1D Percolation = 0

[5/30/2024 14:02:09] Cross Section = 68

[5/30/2024 14:02:09] Operating Table = 11

[5/30/2024 14:02:09]

[5/30/2024 14:02:09] --- Groundwater Counts ---------------------------------------------

[5/30/2024 14:02:09] Region = 0

[5/30/2024 14:02:09] Triangle = 0

[5/30/2024 14:02:09] Vertex = 0

[5/30/2024 14:02:09] Midpoint = 0

[5/30/2024 14:02:09] --------------------------------------------------------------------

[5/30/2024 14:02:09]

[5/30/2024 14:02:09] Processing Initial Link Flows...

[5/30/2024 14:02:09] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 14:02:09] Node 1000A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:09] Node 1400 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 1400A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 1500A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 158 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 1600A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 1700 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 1700B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 179 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 200C caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 300 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 400A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 900E caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 1000C caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 1100B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:10] Node 1100D caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 1300 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 1300C caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 1400B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 1600 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 1800A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 1800B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 1900 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 200 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 200D caused a revert (this will only be logged once per node)

[5/30/2024 14:02:11] Node 400 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:12] Node 700 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:12] Node 900D caused a revert (this will only be logged once per node)

[5/30/2024 14:02:12] Node 201A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:12] Node 1500B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:12] Node 1100C caused a revert (this will only be logged once per node)

[5/30/2024 14:02:12] Node 1600B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:12] Node 1300D caused a revert (this will only be logged once per node)

[5/30/2024 14:02:13] Node 1000G caused a revert (this will only be logged once per node)

[5/30/2024 14:02:13] Node 400F caused a revert (this will only be logged once per node)

[5/30/2024 14:02:13] Node 1300E caused a revert (this will only be logged once per node)

[5/30/2024 14:02:13] Node 400D caused a revert (this will only be logged once per node)

[5/30/2024 14:02:13] Node 400E caused a revert (this will only be logged once per node)

[5/30/2024 14:02:13] Node 500B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:13] Node 1300B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:14] Node 1300F caused a revert (this will only be logged once per node)

[5/30/2024 14:02:14] Node 800B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:14] Node 500 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:14] Node 800 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:15] Node 1000 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:15] Node 500A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:15] Node 500E caused a revert (this will only be logged once per node)

[5/30/2024 14:02:16] Node 900 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:16] Node 901A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:41] Node 1700A caused a revert (this will only be logged once per node)

[5/30/2024 14:02:41] Node 1701A1 caused a revert (this will only be logged once per node)

[5/30/2024 14:02:52] Node 200B caused a revert (this will only be logged once per node)

[5/30/2024 14:02:54] Node 100 caused a revert (this will only be logged once per node)

[5/30/2024 14:04:05] Node 1701A caused a revert (this will only be logged once per node)

[5/30/2024 14:04:07] Node 500F caused a revert (this will only be logged once per node)

[5/30/2024 14:04:07] Node 600 caused a revert (this will only be logged once per node)

[5/30/2024 14:04:16] Conduit Optimizer Total Count=50018098 of 57452298

[5/30/2024 14:04:17] PC busted 334 of 353418

[5/30/2024 14:04:17] Average Iterations was 1.356

[5/30/2024 14:04:17] Average dt was 0.51250 sec

[5/30/2024 14:04:17] Revert count=16241

[5/30/2024 14:04:17]

[5/30/2024 14:04:17] ---- Timers -----------------------------

[5/30/2024 14:04:17] Total Time=127.258 sec

[5/30/2024 14:04:17] Basin Time=0.118 sec

[5/30/2024 14:04:17] BasinPoly Time=0.338 sec

[5/30/2024 14:04:17] Node Time=3.732 sec

[5/30/2024 14:04:17] Link Time=105.503 sec

[5/30/2024 14:04:17] Hydrology Output Time=8.069 sec

[5/30/2024 14:04:18] Groundwater Output Time=0.017 sec

[5/30/2024 14:04:18] Routing Output Time=2.709 sec

[5/30/2024 14:04:18] --- Thread Timers --------------------

[5/30/2024 14:04:18] Thread[0] Basin Time=0.026 sec

[5/30/2024 14:04:18] Thread[0] BasinPoly Time=0.006 sec

[5/30/2024 14:04:18] Thread[0] Node Time=1.810 sec

[5/30/2024 14:04:18] Thread[0] Link Time=54.200 sec

[5/30/2024 14:04:18] --- Thread Timers --------------------

[5/30/2024 14:04:18] Thread[1] Basin Time=0.027 sec

[5/30/2024 14:04:18] Thread[1] BasinPoly Time=0.006 sec

[5/30/2024 14:04:18] Thread[1] Node Time=1.922 sec

[5/30/2024 14:04:18] Thread[1] Link Time=80.217 sec

[5/30/2024 14:04:19] --- Thread Timers --------------------

[5/30/2024 14:04:19] Thread[2] Basin Time=0.029 sec

[5/30/2024 14:04:19] Thread[2] BasinPoly Time=0.005 sec

[5/30/2024 14:04:19] Thread[2] Node Time=1.830 sec

[5/30/2024 14:04:19] Thread[2] Link Time=70.453 sec

[5/30/2024 14:04:19] --- Thread Timers --------------------

[5/30/2024 14:04:19] Thread[3] Basin Time=0.028 sec

[5/30/2024 14:04:19] Thread[3] BasinPoly Time=0.005 sec

[5/30/2024 14:04:19] Thread[3] Node Time=1.844 sec

[5/30/2024 14:04:19] Thread[3] Link Time=43.458 sec

[5/30/2024 14:04:19] --- Thread Timers --------------------

[5/30/2024 14:04:19] Thread[4] Basin Time=0.024 sec

[5/30/2024 14:04:20] Thread[4] BasinPoly Time=0.005 sec

[5/30/2024 14:04:20] Thread[4] Node Time=1.668 sec

[5/30/2024 14:04:20] Thread[4] Link Time=48.994 sec

[5/30/2024 14:04:20] --- Thread Timers --------------------

[5/30/2024 14:04:20] Thread[5] Basin Time=0.024 sec

[5/30/2024 14:04:20] Thread[5] BasinPoly Time=0.005 sec

[5/30/2024 14:04:20] Thread[5] Node Time=1.685 sec

[5/30/2024 14:04:20] Thread[5] Link Time=80.926 sec

[5/30/2024 14:04:20] --- Thread Timers --------------------

[5/30/2024 14:04:20] Thread[6] Basin Time=0.024 sec

[5/30/2024 14:04:20] Thread[6] BasinPoly Time=0.005 sec

[5/30/2024 14:04:20] Thread[6] Node Time=1.684 sec

[5/30/2024 14:04:21] Thread[6] Link Time=35.879 sec