[5/30/2024 13:55:59]

 threads=-1

 batch=19 of 23

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

 nextsim=C:\Work Space\village\Scenarios\Sc58\Simulations\Si72\

[5/30/2024 13:55:59] C:\Work Space\village\Scenarios\Sc58\Simulations\Si62\echo.i4p

[5/30/2024 13:55:59] Reading Simulation

[5/30/2024 13:55:59] Simulation=25yr24hr-MHHWL

[5/30/2024 13:55:59] RunMode=0

[5/30/2024 13:55:59] HotStart=0

[5/30/2024 13:55:59] SaveRestart=0

[5/30/2024 13:55:59] StartYear=0

[5/30/2024 13:55:59] StartMonth=0

[5/30/2024 13:55:59] StartDay=0

[5/30/2024 13:55:59] StartHour=0.000

[5/30/2024 13:55:59] EndYear=0

[5/30/2024 13:55:59] EndMonth=0

[5/30/2024 13:55:59] EndDay=0

[5/30/2024 13:55:59] EndHour=48.000

[5/30/2024 13:55:59] HotstartYear=0

[5/30/2024 13:55:59] HotstartMonth=0

[5/30/2024 13:55:59] HotstartDay=0

[5/30/2024 13:56:00] HotstartHour=0.000

[5/30/2024 13:56:00] MinCalc\_Hydrology=60.000

[5/30/2024 13:56:00] MinCalc\_Hydraulics=0.100

[5/30/2024 13:56:00] MaxCalc\_Hydraulics=60.000

[5/30/2024 13:56:00] MinCalc\_Groundwater=900.000

[5/30/2024 13:56:00] RainfallSet=ICPR3

[5/30/2024 13:56:00] RefETSet=

[5/30/2024 13:56:00] UnitHydSet=ICPR3

[5/30/2024 13:56:00] BndStageSet=MHHWL

[5/30/2024 13:56:00] ExHydSet=

[5/30/2024 13:56:00] CurveNumSet=

[5/30/2024 13:56:00] GreenAmptSet=

[5/30/2024 13:56:00] VertLayerSet=

[5/30/2024 13:56:00] ImpervSet=

[5/30/2024 13:56:00] RoughnessSet=

[5/30/2024 13:56:00] CropCoefSet=

[5/30/2024 13:56:00] PorosSet=

[5/30/2024 13:56:00] ConductSet=

[5/30/2024 13:56:00] LeakageSet=

[5/30/2024 13:56:00] TimeMarching=0

[5/30/2024 13:56:00] MaxIterations=6

[5/30/2024 13:56:00] OverRelaxWeightFactor=0.500

[5/30/2024 13:56:00] dZTolerance=0.001

[5/30/2024 13:56:00] MaxdZ=1.000

[5/30/2024 13:56:00] LinkOptTol=0.000

[5/30/2024 13:56:00] EdgeLengthOpt=0

[5/30/2024 13:56:00] EdgeLengthFactor=0.667

[5/30/2024 13:56:00] DefaultDampThresh2d=0.005

[5/30/2024 13:56:00] MinSurfArea2d=1.000

[5/30/2024 13:56:00] EnergySwitch2d=1

[5/30/2024 13:56:00] IaTime=24.000

[5/30/2024 13:56:01] IncludeETManBasns=0

[5/30/2024 13:56:01] VertLayerSoln=0

[5/30/2024 13:56:01] RainOptManBasns=1

[5/30/2024 13:56:01] RainOptOF=1

[5/30/2024 13:56:01] RainName=Flmod

[5/30/2024 13:56:01] RainAmount=8.880

[5/30/2024 13:56:01] StormDur=24.000

[5/30/2024 13:56:01] DefaultDampThresh1D=0.005

[5/30/2024 13:56:01] MinNodeSurfArea1D=113.000

[5/30/2024 13:56:01] EnergySwitch1D=1

[5/30/2024 13:56:01] Comment=

[5/30/2024 13:56:01] 7 threads [8 cores detected]

[5/30/2024 13:56:01] SolutionMethod=SAOR

[5/30/2024 13:56:01] No \_ET.TXT

[5/30/2024 13:56:01] No \_EV.TXT

[5/30/2024 13:56:01] Reading Operating Tables

[5/30/2024 13:56:01] Reading Cross Sections

[5/30/2024 13:56:01] Reading 1D Nodes

[5/30/2024 13:56:02] Reading Overland Flow Nodes

[5/30/2024 13:56:02] Reading 1D Channels

[5/30/2024 13:56:02] Setting up channel ghost nodes

[5/30/2024 13:56:02] Reading Pipes

[5/30/2024 13:56:02] Reading Rating Curves

[5/30/2024 13:56:02] Reading Weirs

[5/30/2024 13:56:02] Reading Drop Structures

[5/30/2024 13:56:02] Reading Breaches

[5/30/2024 13:56:02] Reading Percs

[5/30/2024 13:56:02] Reading Overland Flow Channels

[5/30/2024 13:56:02] Reading Overland Flow Weirs

[5/30/2024 13:56:02] Setting up ghost nodes

[5/30/2024 13:56:02] Reading Manual Basins

[5/30/2024 13:56:03] Reading Overland Flow Basins

[5/30/2024 13:56:03] Sorting basins

[5/30/2024 13:56:03] Reading Basin Features

[5/30/2024 13:56:03] Reading Groundwater

[5/30/2024 13:56:03] Hooking groundwater up to overland flow meshes

[5/30/2024 13:56:03] Initializing threads

[5/30/2024 13:56:03] Build Complete

[5/30/2024 13:56:03] Total basin area=58.231

[5/30/2024 13:56:03] Basins: Minarea\_ft2=3484.80000 Maxarea\_ft2=313632.00000 Avgarea\_ft2=42992.24339

[5/30/2024 13:56:03]

[5/30/2024 13:56:03] --- Hydrology Counts -----------------------------------------------

[5/30/2024 13:56:03] Total Basin = 59

[5/30/2024 13:56:03] Direct Basin = 0

[5/30/2024 13:56:04] Manual NRCS Basin = 0

[5/30/2024 13:56:04] Manual SB Basin = 0

[5/30/2024 13:56:04] Mapped NRCS Basin = 0

[5/30/2024 13:56:04] Mapped SB Basin = 0

[5/30/2024 13:56:04] Simple NRCS Basin = 59

[5/30/2024 13:56:04] Simple SB Basin = 0

[5/30/2024 13:56:04] Total Basin Polygon = 59

[5/30/2024 13:56:04] Manual Basin Polygon = 0

[5/30/2024 13:56:04] Mapped Basin Polygon = 0

[5/30/2024 13:56:04] 2D Basin Polygon = 0

[5/30/2024 13:56:04] Crop = 0

[5/30/2024 13:56:04] Reference ET = 0

[5/30/2024 13:56:04] Rainfall = 1

[5/30/2024 13:56:04] Green Ampt Parameter = 0

[5/30/2024 13:56:04] Vert Layer Parameter = 0

[5/30/2024 13:56:05] Curve Number Parameter = 60

[5/30/2024 13:56:05] Imperviousness = 60

[5/30/2024 13:56:05]

[5/30/2024 13:56:05] --- Routing Counts -------------------------------------------------

[5/30/2024 13:56:05] Region = 0

[5/30/2024 13:56:05] Total Node = 79

[5/30/2024 13:56:05] 1D Stage Area = 69

[5/30/2024 13:56:05] 1D Time Stage = 10

[5/30/2024 13:56:05] 1D Drop Nodes = 0

[5/30/2024 13:56:05] 2D Stage Area = 0

[5/30/2024 13:56:05] 2D Time Stage = 0

[5/30/2024 13:56:05] 2D Pond Ghost = 0

[5/30/2024 13:56:05] 2D Chan Ghost = 0

[5/30/2024 13:56:05] 1D/2D Node Interfaces = 0

[5/30/2024 13:56:05] 1D/2D Injection Wells = 0

[5/30/2024 13:56:05] Total Link = 103

[5/30/2024 13:56:05] 1D Pipe = 69

[5/30/2024 13:56:06] 1D Drop Structure = 0

[5/30/2024 13:56:06] 1D French Drain = 0

[5/30/2024 13:56:06] 1D Channel = 0

[5/30/2024 13:56:06] 2D Channel = 0

[5/30/2024 13:56:06] 1D Weir = 24

[5/30/2024 13:56:06] 1D Drop Weir = 0

[5/30/2024 13:56:06] 2D Weir = 0

[5/30/2024 13:56:06] 1D Rating Curve = 10

[5/30/2024 13:56:06] 1D Percolation = 0

[5/30/2024 13:56:06] Cross Section = 68

[5/30/2024 13:56:06] Operating Table = 11

[5/30/2024 13:56:06]

[5/30/2024 13:56:06] --- Groundwater Counts ---------------------------------------------

[5/30/2024 13:56:06] Region = 0

[5/30/2024 13:56:07] Triangle = 0

[5/30/2024 13:56:07] Vertex = 0

[5/30/2024 13:56:07] Midpoint = 0

[5/30/2024 13:56:07] --------------------------------------------------------------------

[5/30/2024 13:56:07]

[5/30/2024 13:56:07] Processing Initial Link Flows...

[5/30/2024 13:56:07] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 13:56:07] Node 1000A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:07] Node 1400 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:07] Node 1400A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:07] Node 1500A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:07] Node 158 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:07] Node 1600A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 1700 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 1700B caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 179 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 200C caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 300 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 400A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 900E caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 1000C caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 1100B caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 1100D caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 1300 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 1300C caused a revert (this will only be logged once per node)

[5/30/2024 13:56:08] Node 1400B caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 1600 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 1800A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 1800B caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 1900 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 200 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 200D caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 400 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 700 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 900D caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 201A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 1500B caused a revert (this will only be logged once per node)

[5/30/2024 13:56:09] Node 1100C caused a revert (this will only be logged once per node)

[5/30/2024 13:56:10] Node 1600B caused a revert (this will only be logged once per node)

[5/30/2024 13:56:10] Node 1300D caused a revert (this will only be logged once per node)

[5/30/2024 13:56:10] Node 1000G caused a revert (this will only be logged once per node)

[5/30/2024 13:56:10] Node 400F caused a revert (this will only be logged once per node)

[5/30/2024 13:56:11] Node 1300E caused a revert (this will only be logged once per node)

[5/30/2024 13:56:11] Node 400D caused a revert (this will only be logged once per node)

[5/30/2024 13:56:11] Node 400E caused a revert (this will only be logged once per node)

[5/30/2024 13:56:11] Node 500B caused a revert (this will only be logged once per node)

[5/30/2024 13:56:11] Node 1300B caused a revert (this will only be logged once per node)

[5/30/2024 13:56:11] Node 1300F caused a revert (this will only be logged once per node)

[5/30/2024 13:56:11] Node 800B caused a revert (this will only be logged once per node)

[5/30/2024 13:56:12] Node 500 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:12] Node 800 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:12] Node 1000 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:13] Node 500A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:13] Node 500E caused a revert (this will only be logged once per node)

[5/30/2024 13:56:26] Node 900 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:26] Node 901A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:35] Node 1700A caused a revert (this will only be logged once per node)

[5/30/2024 13:56:36] Node 1701A1 caused a revert (this will only be logged once per node)

[5/30/2024 13:56:47] Node 200B caused a revert (this will only be logged once per node)

[5/30/2024 13:57:12] Node 100 caused a revert (this will only be logged once per node)

[5/30/2024 13:58:06] Node 1701A caused a revert (this will only be logged once per node)

[5/30/2024 13:58:08] Node 600 caused a revert (this will only be logged once per node)

[5/30/2024 13:58:17] Conduit Optimizer Total Count=55226973 of 63130101

[5/30/2024 13:58:18] PC busted 337 of 386968

[5/30/2024 13:58:18] Average Iterations was 1.364

[5/30/2024 13:58:18] Average dt was 0.46803 sec

[5/30/2024 13:58:18] Revert count=17759

[5/30/2024 13:58:18]

[5/30/2024 13:58:18] ---- Timers -----------------------------

[5/30/2024 13:58:18] Total Time=130.591 sec

[5/30/2024 13:58:18] Basin Time=0.034 sec

[5/30/2024 13:58:18] BasinPoly Time=0.012 sec

[5/30/2024 13:58:18] Node Time=4.149 sec

[5/30/2024 13:58:18] Link Time=110.280 sec

[5/30/2024 13:58:18] Hydrology Output Time=7.700 sec

[5/30/2024 13:58:19] Groundwater Output Time=0.028 sec

[5/30/2024 13:58:19] Routing Output Time=1.430 sec

[5/30/2024 13:58:19] --- Thread Timers --------------------

[5/30/2024 13:58:19] Thread[0] Basin Time=0.027 sec

[5/30/2024 13:58:19] Thread[0] BasinPoly Time=0.005 sec

[5/30/2024 13:58:19] Thread[0] Node Time=1.888 sec

[5/30/2024 13:58:19] Thread[0] Link Time=53.736 sec

[5/30/2024 13:58:19] --- Thread Timers --------------------

[5/30/2024 13:58:19] Thread[1] Basin Time=0.026 sec

[5/30/2024 13:58:19] Thread[1] BasinPoly Time=0.006 sec

[5/30/2024 13:58:19] Thread[1] Node Time=1.977 sec

[5/30/2024 13:58:19] Thread[1] Link Time=87.527 sec

[5/30/2024 13:58:19] --- Thread Timers --------------------

[5/30/2024 13:58:20] Thread[2] Basin Time=0.026 sec

[5/30/2024 13:58:20] Thread[2] BasinPoly Time=0.005 sec

[5/30/2024 13:58:20] Thread[2] Node Time=2.009 sec

[5/30/2024 13:58:20] Thread[2] Link Time=65.649 sec

[5/30/2024 13:58:20] --- Thread Timers --------------------

[5/30/2024 13:58:20] Thread[3] Basin Time=0.029 sec

[5/30/2024 13:58:20] Thread[3] BasinPoly Time=0.005 sec

[5/30/2024 13:58:20] Thread[3] Node Time=2.268 sec

[5/30/2024 13:58:20] Thread[3] Link Time=52.703 sec

[5/30/2024 13:58:20] --- Thread Timers --------------------

[5/30/2024 13:58:20] Thread[4] Basin Time=0.023 sec

[5/30/2024 13:58:21] Thread[4] BasinPoly Time=0.005 sec

[5/30/2024 13:58:21] Thread[4] Node Time=1.870 sec

[5/30/2024 13:58:21] Thread[4] Link Time=46.861 sec

[5/30/2024 13:58:21] --- Thread Timers --------------------

[5/30/2024 13:58:21] Thread[5] Basin Time=0.025 sec

[5/30/2024 13:58:21] Thread[5] BasinPoly Time=0.005 sec

[5/30/2024 13:58:21] Thread[5] Node Time=1.837 sec

[5/30/2024 13:58:21] Thread[5] Link Time=82.227 sec

[5/30/2024 13:58:22] --- Thread Timers --------------------

[5/30/2024 13:58:22] Thread[6] Basin Time=0.024 sec

[5/30/2024 13:58:22] Thread[6] BasinPoly Time=0.005 sec

[5/30/2024 13:58:22] Thread[6] Node Time=1.921 sec

[5/30/2024 13:58:22] Thread[6] Link Time=42.399 sec