[5/30/2024 13:12:58]

 threads=-1

 batch=31 of 36

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

 nextsim=C:\Work Space\norton\Scenarios\Sc32\Simulations\Si38\

[5/30/2024 13:12:58] C:\Work Space\norton\Scenarios\Sc32\Simulations\Si34\echo.i4p

[5/30/2024 13:12:59] Reading Simulation

[5/30/2024 13:12:59] Simulation=25YR24HR

[5/30/2024 13:12:59] RunMode=0

[5/30/2024 13:12:59] HotStart=0

[5/30/2024 13:12:59] SaveRestart=0

[5/30/2024 13:12:59] StartYear=0

[5/30/2024 13:12:59] StartMonth=0

[5/30/2024 13:12:59] StartDay=0

[5/30/2024 13:12:59] StartHour=0.000

[5/30/2024 13:12:59] EndYear=0

[5/30/2024 13:12:59] EndMonth=0

[5/30/2024 13:12:59] EndDay=0

[5/30/2024 13:12:59] EndHour=48.000

[5/30/2024 13:12:59] HotstartYear=0

[5/30/2024 13:12:59] HotstartMonth=0

[5/30/2024 13:12:59] HotstartDay=0

[5/30/2024 13:12:59] HotstartHour=0.000

[5/30/2024 13:12:59] MinCalc\_Hydrology=60.000

[5/30/2024 13:12:59] MinCalc\_Hydraulics=0.100

[5/30/2024 13:12:59] MaxCalc\_Hydraulics=30.000

[5/30/2024 13:12:59] MinCalc\_Groundwater=900.000

[5/30/2024 13:12:59] RainfallSet=

[5/30/2024 13:12:59] RefETSet=

[5/30/2024 13:12:59] UnitHydSet=

[5/30/2024 13:12:59] BndStageSet=MHHWL

[5/30/2024 13:12:59] ExHydSet=

[5/30/2024 13:12:59] CurveNumSet=

[5/30/2024 13:12:59] GreenAmptSet=

[5/30/2024 13:12:59] VertLayerSet=

[5/30/2024 13:12:59] ImpervSet=

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[5/30/2024 13:13:00] MinSurfArea2d=100.000

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

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

[5/30/2024 13:13:00] IncludeETManBasns=0

[5/30/2024 13:13:00] VertLayerSoln=0

[5/30/2024 13:13:00] RainOptManBasns=1

[5/30/2024 13:13:00] RainOptOF=1

[5/30/2024 13:13:00] RainName=~FLMOD

[5/30/2024 13:13:00] RainAmount=8.880

[5/30/2024 13:13:00] StormDur=24.000

[5/30/2024 13:13:00] DefaultDampThresh1D=0.005

[5/30/2024 13:13:00] MinNodeSurfArea1D=100.000

[5/30/2024 13:13:00] EnergySwitch1D=1

[5/30/2024 13:13:00] Comment=

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

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

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

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

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

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

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

[5/30/2024 13:13:01] Reading Overland Flow Nodes

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

[5/30/2024 13:13:01] Setting up channel ghost nodes

[5/30/2024 13:13:01] Reading Pipes

[5/30/2024 13:13:01] Reading Rating Curves

[5/30/2024 13:13:01] Reading Weirs

[5/30/2024 13:13:01] Reading Drop Structures

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

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

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

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

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

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

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

[5/30/2024 13:13:02] Sorting basins

[5/30/2024 13:13:02] Reading Basin Features

[5/30/2024 13:13:02] Reading Groundwater

[5/30/2024 13:13:02] Initializing threads

[5/30/2024 13:13:02] Build Complete

[5/30/2024 13:13:03] Total basin area=32.254

[5/30/2024 13:13:03] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

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

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

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

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

[5/30/2024 13:13:03] Manual NRCS Basin = 0

[5/30/2024 13:13:03] Manual SB Basin = 0

[5/30/2024 13:13:03] Mapped NRCS Basin = 0

[5/30/2024 13:13:03] Mapped SB Basin = 0

[5/30/2024 13:13:03] Simple NRCS Basin = 30

[5/30/2024 13:13:03] Simple SB Basin = 0

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

[5/30/2024 13:13:03] Manual Basin Polygon = 0

[5/30/2024 13:13:03] Mapped Basin Polygon = 0

[5/30/2024 13:13:03] 2D Basin Polygon = 0

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

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

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

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

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

[5/30/2024 13:13:04] Curve Number Parameter = 31

[5/30/2024 13:13:04] Imperviousness = 31

[5/30/2024 13:13:04]

[5/30/2024 13:13:04] --- Routing Counts -------------------------------------------------

[5/30/2024 13:13:04] Region = 0

[5/30/2024 13:13:04] Total Node = 58

[5/30/2024 13:13:04] 1D Stage Area = 54

[5/30/2024 13:13:04] 1D Time Stage = 4

[5/30/2024 13:13:04] 1D Drop Nodes = 0

[5/30/2024 13:13:04] 2D Stage Area = 0

[5/30/2024 13:13:04] 2D Time Stage = 0

[5/30/2024 13:13:04] 2D Pond Ghost = 0

[5/30/2024 13:13:04] 2D Chan Ghost = 0

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

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

[5/30/2024 13:13:05] Total Link = 97

[5/30/2024 13:13:05] 1D Pipe = 26

[5/30/2024 13:13:05] 1D Drop Structure = 2

[5/30/2024 13:13:05] 1D French Drain = 0

[5/30/2024 13:13:05] 1D Channel = 0

[5/30/2024 13:13:05] 2D Channel = 0

[5/30/2024 13:13:05] 1D Weir = 67

[5/30/2024 13:13:05] 1D Drop Weir = 2

[5/30/2024 13:13:05] 2D Weir = 0

[5/30/2024 13:13:05] 1D Rating Curve = 0

[5/30/2024 13:13:05] 1D Percolation = 0

[5/30/2024 13:13:05] Cross Section = 43

[5/30/2024 13:13:05] Operating Table = 0

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

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

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

[5/30/2024 13:13:06] Triangle = 0

[5/30/2024 13:13:06] Vertex = 0

[5/30/2024 13:13:06] Midpoint = 0

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

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

[5/30/2024 13:13:06] Processing Initial Link Flows...

[5/30/2024 13:13:06] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 13:13:06] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:06] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:06] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:07] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:07] Node N-NS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:07] Node N-NS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:09] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:10] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:11] Node N-JA-01 caused a revert (this will only be logged once per node)

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

[5/30/2024 13:13:15] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:15] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:15] Node N-DN-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:16] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:16] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:16] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:16] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:16] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:16] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:17] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:17] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/30/2024 13:13:17] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:19] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:19] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:21] Node N-DN-03B caused a revert (this will only be logged once per node)

[5/30/2024 13:13:21] Node N-JA-01B caused a revert (this will only be logged once per node)

[5/30/2024 13:13:21] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 13:13:22] Node N-BV-01B caused a revert (this will only be logged once per node)

[5/30/2024 13:13:22] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/30/2024 13:13:22] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 13:13:23] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 13:13:26] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:26] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:13:44] Conduit Optimizer Total Count=4437541 of 5627154

[5/30/2024 13:13:44] PC busted 0 of 100120

[5/30/2024 13:13:44] Average Iterations was 1.162

[5/30/2024 13:13:44] Average dt was 1.80761 sec

[5/30/2024 13:13:44] Revert count=4510

[5/30/2024 13:13:45]

[5/30/2024 13:13:45] ---- Timers -----------------------------

[5/30/2024 13:13:45] Total Time=38.044 sec

[5/30/2024 13:13:45] Basin Time=0.027 sec

[5/30/2024 13:13:45] BasinPoly Time=0.025 sec

[5/30/2024 13:13:45] Node Time=2.809 sec

[5/30/2024 13:13:45] Link Time=20.115 sec

[5/30/2024 13:13:45] Hydrology Output Time=4.257 sec

[5/30/2024 13:13:45] Groundwater Output Time=0.002 sec

[5/30/2024 13:13:45] Routing Output Time=5.927 sec

[5/30/2024 13:13:45] --- Thread Timers --------------------

[5/30/2024 13:13:45] Thread[0] Basin Time=0.024 sec

[5/30/2024 13:13:45] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 13:13:45] Thread[0] Node Time=0.392 sec

[5/30/2024 13:13:46] Thread[0] Link Time=11.963 sec

[5/30/2024 13:13:46] --- Thread Timers --------------------

[5/30/2024 13:13:46] Thread[1] Basin Time=0.019 sec

[5/30/2024 13:13:46] Thread[1] BasinPoly Time=0.003 sec

[5/30/2024 13:13:46] Thread[1] Node Time=0.403 sec

[5/30/2024 13:13:46] Thread[1] Link Time=10.572 sec

[5/30/2024 13:13:46] --- Thread Timers --------------------

[5/30/2024 13:13:46] Thread[2] Basin Time=0.015 sec

[5/30/2024 13:13:46] Thread[2] BasinPoly Time=0.002 sec

[5/30/2024 13:13:46] Thread[2] Node Time=0.381 sec

[5/30/2024 13:13:46] Thread[2] Link Time=8.761 sec

[5/30/2024 13:13:46] --- Thread Timers --------------------

[5/30/2024 13:13:46] Thread[3] Basin Time=0.014 sec

[5/30/2024 13:13:47] Thread[3] BasinPoly Time=0.002 sec

[5/30/2024 13:13:47] Thread[3] Node Time=0.400 sec

[5/30/2024 13:13:47] Thread[3] Link Time=7.462 sec

[5/30/2024 13:13:47] --- Thread Timers --------------------

[5/30/2024 13:13:47] Thread[4] Basin Time=0.011 sec

[5/30/2024 13:13:47] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 13:13:48] Thread[4] Node Time=0.392 sec

[5/30/2024 13:13:48] Thread[4] Link Time=8.655 sec

[5/30/2024 13:13:48] --- Thread Timers --------------------

[5/30/2024 13:13:48] Thread[5] Basin Time=0.021 sec

[5/30/2024 13:13:48] Thread[5] BasinPoly Time=0.002 sec

[5/30/2024 13:13:49] Thread[5] Node Time=0.390 sec

[5/30/2024 13:13:49] Thread[5] Link Time=9.934 sec

[5/30/2024 13:13:49] --- Thread Timers --------------------

[5/30/2024 13:13:49] Thread[6] Basin Time=0.017 sec

[5/30/2024 13:13:49] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 13:13:49] Thread[6] Node Time=0.371 sec

[5/30/2024 13:13:50] Thread[6] Link Time=12.101 sec