[5/30/2024 13:14:46]

 threads=-1

 batch=33 of 36

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

 nextsim=C:\Work Space\norton\Scenarios\Sc32\Simulations\Si92\

[5/30/2024 13:14:46] C:\Work Space\norton\Scenarios\Sc32\Simulations\Si90\echo.i4p

[5/30/2024 13:14:46] Reading Simulation

[5/30/2024 13:14:46] Simulation=50YR24HR

[5/30/2024 13:14:46] RunMode=0

[5/30/2024 13:14:46] HotStart=0

[5/30/2024 13:14:46] SaveRestart=0

[5/30/2024 13:14:46] StartYear=0

[5/30/2024 13:14:46] StartMonth=0

[5/30/2024 13:14:46] StartDay=0

[5/30/2024 13:14:46] StartHour=0.000

[5/30/2024 13:14:46] EndYear=0

[5/30/2024 13:14:46] EndMonth=0

[5/30/2024 13:14:46] EndDay=0

[5/30/2024 13:14:46] EndHour=48.000

[5/30/2024 13:14:46] HotstartYear=0

[5/30/2024 13:14:47] HotstartMonth=0

[5/30/2024 13:14:47] HotstartDay=0

[5/30/2024 13:14:47] HotstartHour=0.000

[5/30/2024 13:14:47] MinCalc\_Hydrology=60.000

[5/30/2024 13:14:47] MinCalc\_Hydraulics=0.100

[5/30/2024 13:14:47] MaxCalc\_Hydraulics=30.000

[5/30/2024 13:14:47] MinCalc\_Groundwater=900.000

[5/30/2024 13:14:47] RainfallSet=

[5/30/2024 13:14:47] RefETSet=

[5/30/2024 13:14:47] UnitHydSet=

[5/30/2024 13:14:47] BndStageSet=MHHWL

[5/30/2024 13:14:47] ExHydSet=

[5/30/2024 13:14:47] CurveNumSet=

[5/30/2024 13:14:47] GreenAmptSet=

[5/30/2024 13:14:47] VertLayerSet=

[5/30/2024 13:14:47] ImpervSet=

[5/30/2024 13:14:47] RoughnessSet=

[5/30/2024 13:14:47] CropCoefSet=

[5/30/2024 13:14:47] PorosSet=

[5/30/2024 13:14:47] ConductSet=

[5/30/2024 13:14:47] LeakageSet=

[5/30/2024 13:14:47] TimeMarching=0

[5/30/2024 13:14:47] MaxIterations=6

[5/30/2024 13:14:47] OverRelaxWeightFactor=0.500

[5/30/2024 13:14:47] dZTolerance=0.001

[5/30/2024 13:14:47] MaxdZ=1.000

[5/30/2024 13:14:47] LinkOptTol=0.000

[5/30/2024 13:14:47] EdgeLengthOpt=0

[5/30/2024 13:14:47] EdgeLengthFactor=0.667

[5/30/2024 13:14:47] DefaultDampThresh2d=0.005

[5/30/2024 13:14:47] MinSurfArea2d=100.000

[5/30/2024 13:14:48] EnergySwitch2d=1

[5/30/2024 13:14:48] IaTime=24.000

[5/30/2024 13:14:48] IncludeETManBasns=0

[5/30/2024 13:14:48] VertLayerSoln=0

[5/30/2024 13:14:48] RainOptManBasns=1

[5/30/2024 13:14:48] RainOptOF=1

[5/30/2024 13:14:48] RainName=~FLMOD

[5/30/2024 13:14:48] RainAmount=10.500

[5/30/2024 13:14:48] StormDur=24.000

[5/30/2024 13:14:48] DefaultDampThresh1D=0.005

[5/30/2024 13:14:48] MinNodeSurfArea1D=100.000

[5/30/2024 13:14:48] EnergySwitch1D=1

[5/30/2024 13:14:48] Comment=

[5/30/2024 13:14:48] 7 threads [8 cores detected]

[5/30/2024 13:14:48] SolutionMethod=SAOR

[5/30/2024 13:14:48] No \_ET.TXT

[5/30/2024 13:14:48] No \_EV.TXT

[5/30/2024 13:14:48] Reading Operating Tables

[5/30/2024 13:14:48] Reading Cross Sections

[5/30/2024 13:14:48] Reading 1D Nodes

[5/30/2024 13:14:49] Reading Overland Flow Nodes

[5/30/2024 13:14:49] Reading 1D Channels

[5/30/2024 13:14:49] Setting up channel ghost nodes

[5/30/2024 13:14:49] Reading Pipes

[5/30/2024 13:14:49] Reading Rating Curves

[5/30/2024 13:14:49] Reading Weirs

[5/30/2024 13:14:49] Reading Drop Structures

[5/30/2024 13:14:49] Reading Breaches

[5/30/2024 13:14:49] Reading Percs

[5/30/2024 13:14:49] Reading Overland Flow Channels

[5/30/2024 13:14:49] Reading Overland Flow Weirs

[5/30/2024 13:14:49] Setting up ghost nodes

[5/30/2024 13:14:49] Reading Manual Basins

[5/30/2024 13:14:50] Reading Overland Flow Basins

[5/30/2024 13:14:50] Sorting basins

[5/30/2024 13:14:50] Reading Basin Features

[5/30/2024 13:14:50] Reading Groundwater

[5/30/2024 13:14:50] Initializing threads

[5/30/2024 13:14:50] Build Complete

[5/30/2024 13:14:50] Total basin area=32.254

[5/30/2024 13:14:50] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

[5/30/2024 13:14:50]

[5/30/2024 13:14:50] --- Hydrology Counts -----------------------------------------------

[5/30/2024 13:14:50] Total Basin = 30

[5/30/2024 13:14:50] Direct Basin = 0

[5/30/2024 13:14:50] Manual NRCS Basin = 0

[5/30/2024 13:14:50] Manual SB Basin = 0

[5/30/2024 13:14:51] Mapped NRCS Basin = 0

[5/30/2024 13:14:51] Mapped SB Basin = 0

[5/30/2024 13:14:51] Simple NRCS Basin = 30

[5/30/2024 13:14:51] Simple SB Basin = 0

[5/30/2024 13:14:51] Total Basin Polygon = 30

[5/30/2024 13:14:51] Manual Basin Polygon = 0

[5/30/2024 13:14:51] Mapped Basin Polygon = 0

[5/30/2024 13:14:51] 2D Basin Polygon = 0

[5/30/2024 13:14:51] Crop = 0

[5/30/2024 13:14:51] Reference ET = 0

[5/30/2024 13:14:51] Rainfall = 1

[5/30/2024 13:14:51] Green Ampt Parameter = 0

[5/30/2024 13:14:51] Vert Layer Parameter = 0

[5/30/2024 13:14:51] Curve Number Parameter = 31

[5/30/2024 13:14:51] Imperviousness = 31

[5/30/2024 13:14:51]

[5/30/2024 13:14:51] --- Routing Counts -------------------------------------------------

[5/30/2024 13:14:52] Region = 0

[5/30/2024 13:14:52] Total Node = 58

[5/30/2024 13:14:52] 1D Stage Area = 54

[5/30/2024 13:14:52] 1D Time Stage = 4

[5/30/2024 13:14:52] 1D Drop Nodes = 0

[5/30/2024 13:14:52] 2D Stage Area = 0

[5/30/2024 13:14:52] 2D Time Stage = 0

[5/30/2024 13:14:52] 2D Pond Ghost = 0

[5/30/2024 13:14:52] 2D Chan Ghost = 0

[5/30/2024 13:14:52] 1D/2D Node Interfaces = 0

[5/30/2024 13:14:52] 1D/2D Injection Wells = 0

[5/30/2024 13:14:52] Total Link = 97

[5/30/2024 13:14:52] 1D Pipe = 26

[5/30/2024 13:14:52] 1D Drop Structure = 2

[5/30/2024 13:14:52] 1D French Drain = 0

[5/30/2024 13:14:52] 1D Channel = 0

[5/30/2024 13:14:53] 2D Channel = 0

[5/30/2024 13:14:53] 1D Weir = 67

[5/30/2024 13:14:53] 1D Drop Weir = 2

[5/30/2024 13:14:53] 2D Weir = 0

[5/30/2024 13:14:53] 1D Rating Curve = 0

[5/30/2024 13:14:53] 1D Percolation = 0

[5/30/2024 13:14:53] Cross Section = 43

[5/30/2024 13:14:53] Operating Table = 0

[5/30/2024 13:14:53]

[5/30/2024 13:14:53] --- Groundwater Counts ---------------------------------------------

[5/30/2024 13:14:54] Region = 0

[5/30/2024 13:14:54] Triangle = 0

[5/30/2024 13:14:54] Vertex = 0

[5/30/2024 13:14:54] Midpoint = 0

[5/30/2024 13:14:54] --------------------------------------------------------------------

[5/30/2024 13:14:54]

[5/30/2024 13:14:54] Processing Initial Link Flows...

[5/30/2024 13:14:54] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 13:14:54] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:14:54] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:14:54] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:14:54] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:14:55] Node N-NS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:14:55] Node N-NS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:14:57] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:14:58] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:14:58] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:14:59] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:02] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:03] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:03] Node N-BV-02 caused a revert (this will only be logged once per node)

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

[5/30/2024 13:15:03] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/30/2024 13:15:04] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:04] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:04] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:04] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:04] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:04] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:06] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:06] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:06] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:07] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:08] Node N-DN-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:08] Node N-DN-03B caused a revert (this will only be logged once per node)

[5/30/2024 13:15:08] Node N-JA-01B caused a revert (this will only be logged once per node)

[5/30/2024 13:15:09] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 13:15:09] Node N-BV-01B caused a revert (this will only be logged once per node)

[5/30/2024 13:15:09] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/30/2024 13:15:12] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:15:12] Node N-BV-03B caused a revert (this will only be logged once per node)

[5/30/2024 13:15:24] Conduit Optimizer Total Count=4657251 of 5841342

[5/30/2024 13:15:24] PC busted 1 of 104121

[5/30/2024 13:15:24] Average Iterations was 1.158

[5/30/2024 13:15:24] Average dt was 1.73787 sec

[5/30/2024 13:15:24] Revert count=4686

[5/30/2024 13:15:24]

[5/30/2024 13:15:24] ---- Timers -----------------------------

[5/30/2024 13:15:24] Total Time=29.609 sec

[5/30/2024 13:15:24] Basin Time=0.032 sec

[5/30/2024 13:15:24] BasinPoly Time=0.007 sec

[5/30/2024 13:15:24] Node Time=1.176 sec

[5/30/2024 13:15:24] Link Time=18.692 sec

[5/30/2024 13:15:24] Hydrology Output Time=2.355 sec

[5/30/2024 13:15:24] Groundwater Output Time=0.002 sec

[5/30/2024 13:15:24] Routing Output Time=3.140 sec

[5/30/2024 13:15:25] --- Thread Timers --------------------

[5/30/2024 13:15:25] Thread[0] Basin Time=0.024 sec

[5/30/2024 13:15:25] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 13:15:25] Thread[0] Node Time=0.388 sec

[5/30/2024 13:15:25] Thread[0] Link Time=11.472 sec

[5/30/2024 13:15:25] --- Thread Timers --------------------

[5/30/2024 13:15:25] Thread[1] Basin Time=0.022 sec

[5/30/2024 13:15:25] Thread[1] BasinPoly Time=0.003 sec

[5/30/2024 13:15:25] Thread[1] Node Time=0.391 sec

[5/30/2024 13:15:25] Thread[1] Link Time=10.742 sec

[5/30/2024 13:15:25] --- Thread Timers --------------------

[5/30/2024 13:15:25] Thread[2] Basin Time=0.014 sec

[5/30/2024 13:15:26] Thread[2] BasinPoly Time=0.002 sec

[5/30/2024 13:15:26] Thread[2] Node Time=0.377 sec

[5/30/2024 13:15:26] Thread[2] Link Time=8.513 sec

[5/30/2024 13:15:26] --- Thread Timers --------------------

[5/30/2024 13:15:26] Thread[3] Basin Time=0.016 sec

[5/30/2024 13:15:26] Thread[3] BasinPoly Time=0.002 sec

[5/30/2024 13:15:26] Thread[3] Node Time=0.393 sec

[5/30/2024 13:15:26] Thread[3] Link Time=7.067 sec

[5/30/2024 13:15:26] --- Thread Timers --------------------

[5/30/2024 13:15:26] Thread[4] Basin Time=0.011 sec

[5/30/2024 13:15:27] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 13:15:27] Thread[4] Node Time=0.392 sec

[5/30/2024 13:15:27] Thread[4] Link Time=8.710 sec

[5/30/2024 13:15:27] --- Thread Timers --------------------

[5/30/2024 13:15:27] Thread[5] Basin Time=0.019 sec

[5/30/2024 13:15:27] Thread[5] BasinPoly Time=0.002 sec

[5/30/2024 13:15:27] Thread[5] Node Time=0.384 sec

[5/30/2024 13:15:27] Thread[5] Link Time=9.921 sec

[5/30/2024 13:15:28] --- Thread Timers --------------------

[5/30/2024 13:15:28] Thread[6] Basin Time=0.017 sec

[5/30/2024 13:15:28] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 13:15:28] Thread[6] Node Time=0.369 sec

[5/30/2024 13:15:28] Thread[6] Link Time=11.253 sec