[5/30/2024 13:16:12]

threads=-1

batch=35 of 36

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

nextsim=C:\Work Space\norton\Scenarios\Sc32\Simulations\Si91\

[5/30/2024 13:16:12] C:\Work Space\norton\Scenarios\Sc32\Simulations\Si89\echo.i4p

[5/30/2024 13:16:12] Reading Simulation

[5/30/2024 13:16:12] Simulation=5YR24HR

[5/30/2024 13:16:12] RunMode=0

[5/30/2024 13:16:12] HotStart=0

[5/30/2024 13:16:12] SaveRestart=0

[5/30/2024 13:16:12] StartYear=0

[5/30/2024 13:16:12] StartMonth=0

[5/30/2024 13:16:12] StartDay=0

[5/30/2024 13:16:12] StartHour=0.000

[5/30/2024 13:16:12] EndYear=0

[5/30/2024 13:16:12] EndMonth=0

[5/30/2024 13:16:12] EndDay=0

[5/30/2024 13:16:12] EndHour=48.000

[5/30/2024 13:16:12] HotstartYear=0

[5/30/2024 13:16:13] HotstartMonth=0

[5/30/2024 13:16:13] HotstartDay=0

[5/30/2024 13:16:13] HotstartHour=0.000

[5/30/2024 13:16:13] MinCalc\_Hydrology=60.000

[5/30/2024 13:16:13] MinCalc\_Hydraulics=0.100

[5/30/2024 13:16:13] MaxCalc\_Hydraulics=30.000

[5/30/2024 13:16:13] MinCalc\_Groundwater=900.000

[5/30/2024 13:16:13] RainfallSet=

[5/30/2024 13:16:13] RefETSet=

[5/30/2024 13:16:13] UnitHydSet=

[5/30/2024 13:16:13] BndStageSet=MHHWL

[5/30/2024 13:16:13] ExHydSet=

[5/30/2024 13:16:13] CurveNumSet=

[5/30/2024 13:16:13] GreenAmptSet=

[5/30/2024 13:16:13] VertLayerSet=

[5/30/2024 13:16:13] ImpervSet=

[5/30/2024 13:16:13] RoughnessSet=

[5/30/2024 13:16:13] CropCoefSet=

[5/30/2024 13:16:13] PorosSet=

[5/30/2024 13:16:13] ConductSet=

[5/30/2024 13:16:13] LeakageSet=

[5/30/2024 13:16:13] TimeMarching=0

[5/30/2024 13:16:13] MaxIterations=6

[5/30/2024 13:16:13] OverRelaxWeightFactor=0.500

[5/30/2024 13:16:13] dZTolerance=0.001

[5/30/2024 13:16:13] MaxdZ=1.000

[5/30/2024 13:16:13] LinkOptTol=0.000

[5/30/2024 13:16:13] EdgeLengthOpt=0

[5/30/2024 13:16:14] EdgeLengthFactor=0.667

[5/30/2024 13:16:14] DefaultDampThresh2d=0.005

[5/30/2024 13:16:14] MinSurfArea2d=100.000

[5/30/2024 13:16:14] EnergySwitch2d=1

[5/30/2024 13:16:14] IaTime=24.000

[5/30/2024 13:16:14] IncludeETManBasns=0

[5/30/2024 13:16:14] VertLayerSoln=0

[5/30/2024 13:16:14] RainOptManBasns=1

[5/30/2024 13:16:14] RainOptOF=1

[5/30/2024 13:16:14] RainName=~FLMOD

[5/30/2024 13:16:14] RainAmount=5.940

[5/30/2024 13:16:14] StormDur=24.000

[5/30/2024 13:16:14] DefaultDampThresh1D=0.005

[5/30/2024 13:16:14] MinNodeSurfArea1D=100.000

[5/30/2024 13:16:14] EnergySwitch1D=1

[5/30/2024 13:16:14] Comment=

[5/30/2024 13:16:14] 7 threads [8 cores detected]

[5/30/2024 13:16:14] SolutionMethod=SAOR

[5/30/2024 13:16:14] No \_ET.TXT

[5/30/2024 13:16:14] No \_EV.TXT

[5/30/2024 13:16:14] Reading Operating Tables

[5/30/2024 13:16:14] Reading Cross Sections

[5/30/2024 13:16:15] Reading 1D Nodes

[5/30/2024 13:16:15] Reading Overland Flow Nodes

[5/30/2024 13:16:15] Reading 1D Channels

[5/30/2024 13:16:15] Setting up channel ghost nodes

[5/30/2024 13:16:15] Reading Pipes

[5/30/2024 13:16:15] Reading Rating Curves

[5/30/2024 13:16:15] Reading Weirs

[5/30/2024 13:16:15] Reading Drop Structures

[5/30/2024 13:16:15] Reading Breaches

[5/30/2024 13:16:15] Reading Percs

[5/30/2024 13:16:15] Reading Overland Flow Channels

[5/30/2024 13:16:15] Reading Overland Flow Weirs

[5/30/2024 13:16:16] Setting up ghost nodes

[5/30/2024 13:16:16] Reading Manual Basins

[5/30/2024 13:16:16] Reading Overland Flow Basins

[5/30/2024 13:16:16] Sorting basins

[5/30/2024 13:16:16] Reading Basin Features

[5/30/2024 13:16:16] Reading Groundwater

[5/30/2024 13:16:16] Hooking groundwater up to overland flow meshes

[5/30/2024 13:16:16] Initializing threads

[5/30/2024 13:16:16] Build Complete

[5/30/2024 13:16:16] Total basin area=32.254

[5/30/2024 13:16:16] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

[5/30/2024 13:16:16]

[5/30/2024 13:16:16] --- Hydrology Counts -----------------------------------------------

[5/30/2024 13:16:16] Total Basin = 30

[5/30/2024 13:16:17] Direct Basin = 0

[5/30/2024 13:16:17] Manual NRCS Basin = 0

[5/30/2024 13:16:17] Manual SB Basin = 0

[5/30/2024 13:16:17] Mapped NRCS Basin = 0

[5/30/2024 13:16:17] Mapped SB Basin = 0

[5/30/2024 13:16:17] Simple NRCS Basin = 30

[5/30/2024 13:16:17] Simple SB Basin = 0

[5/30/2024 13:16:17] Total Basin Polygon = 30

[5/30/2024 13:16:17] Manual Basin Polygon = 0

[5/30/2024 13:16:17] Mapped Basin Polygon = 0

[5/30/2024 13:16:17] 2D Basin Polygon = 0

[5/30/2024 13:16:17] Crop = 0

[5/30/2024 13:16:17] Reference ET = 0

[5/30/2024 13:16:17] Rainfall = 1

[5/30/2024 13:16:17] Green Ampt Parameter = 0

[5/30/2024 13:16:17] Vert Layer Parameter = 0

[5/30/2024 13:16:18] Curve Number Parameter = 31

[5/30/2024 13:16:18] Imperviousness = 31

[5/30/2024 13:16:18]

[5/30/2024 13:16:18] --- Routing Counts -------------------------------------------------

[5/30/2024 13:16:18] Region = 0

[5/30/2024 13:16:18] Total Node = 58

[5/30/2024 13:16:18] 1D Stage Area = 54

[5/30/2024 13:16:18] 1D Time Stage = 4

[5/30/2024 13:16:18] 1D Drop Nodes = 0

[5/30/2024 13:16:18] 2D Stage Area = 0

[5/30/2024 13:16:18] 2D Time Stage = 0

[5/30/2024 13:16:18] 2D Pond Ghost = 0

[5/30/2024 13:16:18] 2D Chan Ghost = 0

[5/30/2024 13:16:18] 1D/2D Node Interfaces = 0

[5/30/2024 13:16:18] 1D/2D Injection Wells = 0

[5/30/2024 13:16:19] Total Link = 97

[5/30/2024 13:16:19] 1D Pipe = 26

[5/30/2024 13:16:19] 1D Drop Structure = 2

[5/30/2024 13:16:19] 1D French Drain = 0

[5/30/2024 13:16:19] 1D Channel = 0

[5/30/2024 13:16:19] 2D Channel = 0

[5/30/2024 13:16:19] 1D Weir = 67

[5/30/2024 13:16:19] 1D Drop Weir = 2

[5/30/2024 13:16:19] 2D Weir = 0

[5/30/2024 13:16:19] 1D Rating Curve = 0

[5/30/2024 13:16:19] 1D Percolation = 0

[5/30/2024 13:16:19] Cross Section = 43

[5/30/2024 13:16:19] Operating Table = 0

[5/30/2024 13:16:19]

[5/30/2024 13:16:19] --- Groundwater Counts ---------------------------------------------

[5/30/2024 13:16:20] Region = 0

[5/30/2024 13:16:20] Triangle = 0

[5/30/2024 13:16:20] Vertex = 0

[5/30/2024 13:16:20] Midpoint = 0

[5/30/2024 13:16:20] --------------------------------------------------------------------

[5/30/2024 13:16:20]

[5/30/2024 13:16:20] Processing Initial Link Flows...

[5/30/2024 13:16:20] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 13:16:20] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:20] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:20] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:20] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:21] Node N-NS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:21] Node N-NS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:24] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:25] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:26] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:27] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:28] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:29] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:29] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:31] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:31] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:31] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:31] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:32] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:32] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:32] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/30/2024 13:16:32] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:33] Node N-JA-01B caused a revert (this will only be logged once per node)

[5/30/2024 13:16:33] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 13:16:34] Node N-DN-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:34] Node N-DN-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:36] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:36] Node N-BV-03B caused a revert (this will only be logged once per node)

[5/30/2024 13:16:36] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:16:51] Conduit Optimizer Total Count=3769328 of 4964466

[5/30/2024 13:16:51] PC busted 0 of 88060

[5/30/2024 13:16:51] Average Iterations was 1.168

[5/30/2024 13:16:51] Average dt was 2.05545 sec

[5/30/2024 13:16:52] Revert count=3977

[5/30/2024 13:16:52]

[5/30/2024 13:16:52] ---- Timers -----------------------------

[5/30/2024 13:16:52] Total Time=31.213 sec

[5/30/2024 13:16:52] Basin Time=0.032 sec

[5/30/2024 13:16:52] BasinPoly Time=0.006 sec

[5/30/2024 13:16:52] Node Time=1.313 sec

[5/30/2024 13:16:52] Link Time=18.544 sec

[5/30/2024 13:16:52] Hydrology Output Time=2.655 sec

[5/30/2024 13:16:52] Groundwater Output Time=0.110 sec

[5/30/2024 13:16:52] Routing Output Time=3.935 sec

[5/30/2024 13:16:52] --- Thread Timers --------------------

[5/30/2024 13:16:52] Thread[0] Basin Time=0.024 sec

[5/30/2024 13:16:52] Thread[0] BasinPoly Time=0.003 sec

[5/30/2024 13:16:52] Thread[0] Node Time=0.333 sec

[5/30/2024 13:16:53] Thread[0] Link Time=12.147 sec

[5/30/2024 13:16:53] --- Thread Timers --------------------

[5/30/2024 13:16:53] Thread[1] Basin Time=0.019 sec

[5/30/2024 13:16:53] Thread[1] BasinPoly Time=0.003 sec

[5/30/2024 13:16:53] Thread[1] Node Time=0.343 sec

[5/30/2024 13:16:53] Thread[1] Link Time=9.430 sec

[5/30/2024 13:16:53] --- Thread Timers --------------------

[5/30/2024 13:16:53] Thread[2] Basin Time=0.015 sec

[5/30/2024 13:16:53] Thread[2] BasinPoly Time=0.003 sec

[5/30/2024 13:16:53] Thread[2] Node Time=0.333 sec

[5/30/2024 13:16:53] Thread[2] Link Time=7.858 sec

[5/30/2024 13:16:53] --- Thread Timers --------------------

[5/30/2024 13:16:53] Thread[3] Basin Time=0.013 sec

[5/30/2024 13:16:54] Thread[3] BasinPoly Time=0.003 sec

[5/30/2024 13:16:54] Thread[3] Node Time=0.328 sec

[5/30/2024 13:16:54] Thread[3] Link Time=8.568 sec

[5/30/2024 13:16:54] --- Thread Timers --------------------

[5/30/2024 13:16:54] Thread[4] Basin Time=0.011 sec

[5/30/2024 13:16:54] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 13:16:54] Thread[4] Node Time=0.334 sec

[5/30/2024 13:16:54] Thread[4] Link Time=8.455 sec

[5/30/2024 13:16:54] --- Thread Timers --------------------

[5/30/2024 13:16:55] Thread[5] Basin Time=0.019 sec

[5/30/2024 13:16:55] Thread[5] BasinPoly Time=0.003 sec

[5/30/2024 13:16:55] Thread[5] Node Time=0.340 sec

[5/30/2024 13:16:55] Thread[5] Link Time=10.187 sec

[5/30/2024 13:16:55] --- Thread Timers --------------------

[5/30/2024 13:16:55] Thread[6] Basin Time=0.023 sec

[5/30/2024 13:16:55] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 13:16:55] Thread[6] Node Time=0.338 sec

[5/30/2024 13:16:56] Thread[6] Link Time=13.238 sec