[5/30/2024 12:47:23]

 threads=-1

 batch=10 of 36

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

 nextsim=C:\Work Space\norton\Scenarios\Sc24\Simulations\Si85\

[5/30/2024 12:47:23] C:\Work Space\norton\Scenarios\Sc24\Simulations\Si88\echo.i4p

[5/30/2024 12:47:23] Reading Simulation

[5/30/2024 12:47:23] Simulation=50YR24HR-2.36ft

[5/30/2024 12:47:23] RunMode=0

[5/30/2024 12:47:23] HotStart=0

[5/30/2024 12:47:23] SaveRestart=0

[5/30/2024 12:47:23] StartYear=0

[5/30/2024 12:47:23] StartMonth=0

[5/30/2024 12:47:23] StartDay=0

[5/30/2024 12:47:23] StartHour=0.000

[5/30/2024 12:47:23] EndYear=0

[5/30/2024 12:47:23] EndMonth=0

[5/30/2024 12:47:23] EndDay=0

[5/30/2024 12:47:23] EndHour=30.000

[5/30/2024 12:47:23] HotstartYear=0

[5/30/2024 12:47:23] HotstartMonth=0

[5/30/2024 12:47:23] HotstartDay=0

[5/30/2024 12:47:23] HotstartHour=0.000

[5/30/2024 12:47:23] MinCalc\_Hydrology=60.000

[5/30/2024 12:47:23] MinCalc\_Hydraulics=0.100

[5/30/2024 12:47:23] MaxCalc\_Hydraulics=30.000

[5/30/2024 12:47:23] MinCalc\_Groundwater=900.000

[5/30/2024 12:47:24] RainfallSet=

[5/30/2024 12:47:24] RefETSet=

[5/30/2024 12:47:24] UnitHydSet=

[5/30/2024 12:47:24] BndStageSet=2.36ft

[5/30/2024 12:47:24] ExHydSet=

[5/30/2024 12:47:24] CurveNumSet=

[5/30/2024 12:47:24] GreenAmptSet=

[5/30/2024 12:47:24] VertLayerSet=

[5/30/2024 12:47:24] ImpervSet=

[5/30/2024 12:47:24] RoughnessSet=

[5/30/2024 12:47:24] CropCoefSet=

[5/30/2024 12:47:24] PorosSet=

[5/30/2024 12:47:24] ConductSet=

[5/30/2024 12:47:24] LeakageSet=

[5/30/2024 12:47:24] TimeMarching=0

[5/30/2024 12:47:24] MaxIterations=6

[5/30/2024 12:47:24] OverRelaxWeightFactor=0.500

[5/30/2024 12:47:24] dZTolerance=0.001

[5/30/2024 12:47:24] MaxdZ=1.000

[5/30/2024 12:47:24] LinkOptTol=0.000

[5/30/2024 12:47:24] EdgeLengthOpt=0

[5/30/2024 12:47:24] EdgeLengthFactor=0.667

[5/30/2024 12:47:24] DefaultDampThresh2d=0.005

[5/30/2024 12:47:24] MinSurfArea2d=100.000

[5/30/2024 12:47:24] EnergySwitch2d=1

[5/30/2024 12:47:24] IaTime=24.000

[5/30/2024 12:47:25] IncludeETManBasns=0

[5/30/2024 12:47:25] VertLayerSoln=1107882240

[5/30/2024 12:47:25] RainOptManBasns=1107840769

[5/30/2024 12:47:25] RainOptOF=1

[5/30/2024 12:47:25] RainName=~FLMOD

[5/30/2024 12:47:25] RainAmount=10.500

[5/30/2024 12:47:25] StormDur=24.000

[5/30/2024 12:47:25] DefaultDampThresh1D=0.005

[5/30/2024 12:47:25] MinNodeSurfArea1D=100.000

[5/30/2024 12:47:25] EnergySwitch1D=1

[5/30/2024 12:47:25] Comment=

[5/30/2024 12:47:25] 7 threads [8 cores detected]

[5/30/2024 12:47:25] SolutionMethod=SAOR

[5/30/2024 12:47:25] No \_ET.TXT

[5/30/2024 12:47:25] No \_EV.TXT

[5/30/2024 12:47:25] Reading Operating Tables

[5/30/2024 12:47:25] Reading Cross Sections

[5/30/2024 12:47:26] Reading 1D Nodes

[5/30/2024 12:47:26] Reading Overland Flow Nodes

[5/30/2024 12:47:26] Reading 1D Channels

[5/30/2024 12:47:26] Setting up channel ghost nodes

[5/30/2024 12:47:26] Reading Pipes

[5/30/2024 12:47:27] Reading Rating Curves

[5/30/2024 12:47:27] Reading Weirs

[5/30/2024 12:47:27] Reading Drop Structures

[5/30/2024 12:47:27] Reading Breaches

[5/30/2024 12:47:27] Reading Percs

[5/30/2024 12:47:27] Reading Overland Flow Channels

[5/30/2024 12:47:27] Reading Overland Flow Weirs

[5/30/2024 12:47:27] Setting up ghost nodes

[5/30/2024 12:47:27] Reading Manual Basins

[5/30/2024 12:47:27] Reading Overland Flow Basins

[5/30/2024 12:47:27] Sorting basins

[5/30/2024 12:47:28] Reading Basin Features

[5/30/2024 12:47:28] Reading Groundwater

[5/30/2024 12:47:28] Hooking groundwater up to overland flow meshes

[5/30/2024 12:47:28] Initializing threads

[5/30/2024 12:47:28] Build Complete

[5/30/2024 12:47:28] Total basin area=32.268

[5/30/2024 12:47:28] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/30/2024 12:47:28]

[5/30/2024 12:47:28] --- Hydrology Counts -----------------------------------------------

[5/30/2024 12:47:28] Total Basin = 41

[5/30/2024 12:47:28] Direct Basin = 0

[5/30/2024 12:47:29] Manual NRCS Basin = 0

[5/30/2024 12:47:29] Manual SB Basin = 0

[5/30/2024 12:47:29] Mapped NRCS Basin = 0

[5/30/2024 12:47:29] Mapped SB Basin = 0

[5/30/2024 12:47:29] Simple NRCS Basin = 41

[5/30/2024 12:47:29] Simple SB Basin = 0

[5/30/2024 12:47:29] Total Basin Polygon = 41

[5/30/2024 12:47:29] Manual Basin Polygon = 0

[5/30/2024 12:47:29] Mapped Basin Polygon = 0

[5/30/2024 12:47:29] 2D Basin Polygon = 0

[5/30/2024 12:47:29] Crop = 0

[5/30/2024 12:47:29] Reference ET = 0

[5/30/2024 12:47:29] Rainfall = 1

[5/30/2024 12:47:29] Green Ampt Parameter = 0

[5/30/2024 12:47:29] Vert Layer Parameter = 0

[5/30/2024 12:47:30] Curve Number Parameter = 42

[5/30/2024 12:47:30] Imperviousness = 42

[5/30/2024 12:47:30]

[5/30/2024 12:47:30] --- Routing Counts -------------------------------------------------

[5/30/2024 12:47:30] Region = 0

[5/30/2024 12:47:30] Total Node = 69

[5/30/2024 12:47:30] 1D Stage Area = 65

[5/30/2024 12:47:30] 1D Time Stage = 4

[5/30/2024 12:47:30] 1D Drop Nodes = 0

[5/30/2024 12:47:30] 2D Stage Area = 0

[5/30/2024 12:47:30] 2D Time Stage = 0

[5/30/2024 12:47:30] 2D Pond Ghost = 0

[5/30/2024 12:47:31] 2D Chan Ghost = 0

[5/30/2024 12:47:31] 1D/2D Node Interfaces = 0

[5/30/2024 12:47:31] 1D/2D Injection Wells = 0

[5/30/2024 12:47:31] Total Link = 122

[5/30/2024 12:47:31] 1D Pipe = 40

[5/30/2024 12:47:31] 1D Drop Structure = 2

[5/30/2024 12:47:31] 1D French Drain = 0

[5/30/2024 12:47:31] 1D Channel = 0

[5/30/2024 12:47:31] 2D Channel = 0

[5/30/2024 12:47:31] 1D Weir = 78

[5/30/2024 12:47:31] 1D Drop Weir = 2

[5/30/2024 12:47:32] 2D Weir = 0

[5/30/2024 12:47:32] 1D Rating Curve = 0

[5/30/2024 12:47:32] 1D Percolation = 0

[5/30/2024 12:47:32] Cross Section = 56

[5/30/2024 12:47:32] Operating Table = 0

[5/30/2024 12:47:32]

[5/30/2024 12:47:32] --- Groundwater Counts ---------------------------------------------

[5/30/2024 12:47:32] Region = 0

[5/30/2024 12:47:32] Triangle = 0

[5/30/2024 12:47:32] Vertex = 0

[5/30/2024 12:47:32] Midpoint = 0

[5/30/2024 12:47:33] --------------------------------------------------------------------

[5/30/2024 12:47:33]

[5/30/2024 12:47:33] Processing Initial Link Flows...

[5/30/2024 12:47:33] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 12:47:33] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:34] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:34] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:34] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:34] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:34] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:34] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:47:34] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:47:35] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:35] Node N-S05 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:35] Node N-S07 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:35] Node N-S08 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:35] Node N-S12 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:35] Node N-S11 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:50] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:56] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:56] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:56] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:56] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:48:09] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:48:09] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:48:09] Node N-JA-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:48:09] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:48:13] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:48:14] Node N-S04 caused a revert (this will only be logged once per node)

[5/30/2024 12:48:21] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:48:22] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:48:22] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:48:38] Node N-S06 caused a revert (this will only be logged once per node)

[5/30/2024 12:48:39] Node N-S01 caused a revert (this will only be logged once per node)

[5/30/2024 12:48:39] Conduit Optimizer Total Count=21070724 of 24230920

[5/30/2024 12:48:39] PC busted 110 of 268946

[5/30/2024 12:48:39] Average Iterations was 1.252

[5/30/2024 12:48:39] Average dt was 0.42173 sec

[5/30/2024 12:48:39] Revert count=12833

[5/30/2024 12:48:39]

[5/30/2024 12:48:39] ---- Timers -----------------------------

[5/30/2024 12:48:40] Total Time=66.204 sec

[5/30/2024 12:48:40] Basin Time=0.032 sec

[5/30/2024 12:48:40] BasinPoly Time=0.010 sec

[5/30/2024 12:48:40] Node Time=2.762 sec

[5/30/2024 12:48:40] Link Time=55.575 sec

[5/30/2024 12:48:40] Hydrology Output Time=1.254 sec

[5/30/2024 12:48:40] Groundwater Output Time=0.072 sec

[5/30/2024 12:48:40] Routing Output Time=1.501 sec

[5/30/2024 12:48:40] --- Thread Timers --------------------

[5/30/2024 12:48:40] Thread[0] Basin Time=0.030 sec

[5/30/2024 12:48:40] Thread[0] BasinPoly Time=0.003 sec

[5/30/2024 12:48:40] Thread[0] Node Time=1.249 sec

[5/30/2024 12:48:40] Thread[0] Link Time=35.037 sec

[5/30/2024 12:48:40] --- Thread Timers --------------------

[5/30/2024 12:48:41] Thread[1] Basin Time=0.019 sec

[5/30/2024 12:48:41] Thread[1] BasinPoly Time=0.003 sec

[5/30/2024 12:48:41] Thread[1] Node Time=1.217 sec

[5/30/2024 12:48:41] Thread[1] Link Time=42.419 sec

[5/30/2024 12:48:41] --- Thread Timers --------------------

[5/30/2024 12:48:41] Thread[2] Basin Time=0.022 sec

[5/30/2024 12:48:41] Thread[2] BasinPoly Time=0.003 sec

[5/30/2024 12:48:41] Thread[2] Node Time=1.261 sec

[5/30/2024 12:48:41] Thread[2] Link Time=25.695 sec

[5/30/2024 12:48:41] --- Thread Timers --------------------

[5/30/2024 12:48:41] Thread[3] Basin Time=0.020 sec

[5/30/2024 12:48:42] Thread[3] BasinPoly Time=0.003 sec

[5/30/2024 12:48:42] Thread[3] Node Time=1.259 sec

[5/30/2024 12:48:42] Thread[3] Link Time=22.770 sec

[5/30/2024 12:48:42] --- Thread Timers --------------------

[5/30/2024 12:48:42] Thread[4] Basin Time=0.018 sec

[5/30/2024 12:48:42] Thread[4] BasinPoly Time=0.003 sec

[5/30/2024 12:48:42] Thread[4] Node Time=1.157 sec

[5/30/2024 12:48:42] Thread[4] Link Time=35.221 sec

[5/30/2024 12:48:43] --- Thread Timers --------------------

[5/30/2024 12:48:43] Thread[5] Basin Time=0.021 sec

[5/30/2024 12:48:43] Thread[5] BasinPoly Time=0.003 sec

[5/30/2024 12:48:43] Thread[5] Node Time=1.185 sec

[5/30/2024 12:48:43] Thread[5] Link Time=29.604 sec

[5/30/2024 12:48:43] --- Thread Timers --------------------

[5/30/2024 12:48:43] Thread[6] Basin Time=0.017 sec

[5/30/2024 12:48:43] Thread[6] BasinPoly Time=0.003 sec

[5/30/2024 12:48:44] Thread[6] Node Time=1.097 sec

[5/30/2024 12:48:44] Thread[6] Link Time=37.601 sec