[5/30/2024 12:39:07]

threads=-1

batch=3 of 36

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

nextsim=C:\Work Space\norton\Scenarios\Sc24\Simulations\Si43\

[5/30/2024 12:39:07] C:\Work Space\norton\Scenarios\Sc24\Simulations\Si27\echo.i4p

[5/30/2024 12:39:07] Reading Simulation

[5/30/2024 12:39:07] Simulation=10YR24HR

[5/30/2024 12:39:07] RunMode=0

[5/30/2024 12:39:07] HotStart=0

[5/30/2024 12:39:07] SaveRestart=0

[5/30/2024 12:39:07] StartYear=0

[5/30/2024 12:39:07] StartMonth=0

[5/30/2024 12:39:07] StartDay=0

[5/30/2024 12:39:07] StartHour=0.000

[5/30/2024 12:39:07] EndYear=0

[5/30/2024 12:39:07] EndMonth=0

[5/30/2024 12:39:08] EndDay=0

[5/30/2024 12:39:08] EndHour=30.000

[5/30/2024 12:39:08] HotstartYear=0

[5/30/2024 12:39:08] HotstartMonth=0

[5/30/2024 12:39:08] HotstartDay=0

[5/30/2024 12:39:08] HotstartHour=0.000

[5/30/2024 12:39:08] MinCalc\_Hydrology=60.000

[5/30/2024 12:39:08] MinCalc\_Hydraulics=0.100

[5/30/2024 12:39:08] MaxCalc\_Hydraulics=30.000

[5/30/2024 12:39:08] MinCalc\_Groundwater=900.000

[5/30/2024 12:39:08] RainfallSet=

[5/30/2024 12:39:08] RefETSet=

[5/30/2024 12:39:08] UnitHydSet=

[5/30/2024 12:39:08] BndStageSet=MHHWL

[5/30/2024 12:39:08] ExHydSet=

[5/30/2024 12:39:08] CurveNumSet=

[5/30/2024 12:39:08] GreenAmptSet=

[5/30/2024 12:39:08] VertLayerSet=

[5/30/2024 12:39:08] ImpervSet=

[5/30/2024 12:39:08] RoughnessSet=

[5/30/2024 12:39:08] CropCoefSet=

[5/30/2024 12:39:08] PorosSet=

[5/30/2024 12:39:08] ConductSet=

[5/30/2024 12:39:08] LeakageSet=

[5/30/2024 12:39:08] TimeMarching=0

[5/30/2024 12:39:08] MaxIterations=6

[5/30/2024 12:39:08] OverRelaxWeightFactor=0.500

[5/30/2024 12:39:08] dZTolerance=0.001

[5/30/2024 12:39:08] MaxdZ=1.000

[5/30/2024 12:39:08] LinkOptTol=0.000

[5/30/2024 12:39:08] EdgeLengthOpt=0

[5/30/2024 12:39:08] EdgeLengthFactor=0.667

[5/30/2024 12:39:09] DefaultDampThresh2d=0.005

[5/30/2024 12:39:09] MinSurfArea2d=100.000

[5/30/2024 12:39:09] EnergySwitch2d=1

[5/30/2024 12:39:09] IaTime=24.000

[5/30/2024 12:39:09] IncludeETManBasns=0

[5/30/2024 12:39:09] VertLayerSoln=0

[5/30/2024 12:39:09] RainOptManBasns=1

[5/30/2024 12:39:09] RainOptOF=1

[5/30/2024 12:39:09] RainName=~FLMOD

[5/30/2024 12:39:09] RainAmount=7.060

[5/30/2024 12:39:09] StormDur=24.000

[5/30/2024 12:39:09] DefaultDampThresh1D=0.005

[5/30/2024 12:39:09] MinNodeSurfArea1D=100.000

[5/30/2024 12:39:09] EnergySwitch1D=1

[5/30/2024 12:39:09] Comment=

[5/30/2024 12:39:09] 7 threads [8 cores detected]

[5/30/2024 12:39:09] SolutionMethod=SAOR

[5/30/2024 12:39:09] No \_ET.TXT

[5/30/2024 12:39:10] No \_EV.TXT

[5/30/2024 12:39:10] Reading Operating Tables

[5/30/2024 12:39:10] Reading Cross Sections

[5/30/2024 12:39:10] Reading 1D Nodes

[5/30/2024 12:39:10] Reading Overland Flow Nodes

[5/30/2024 12:39:10] Reading 1D Channels

[5/30/2024 12:39:10] Setting up channel ghost nodes

[5/30/2024 12:39:11] Reading Pipes

[5/30/2024 12:39:11] Reading Rating Curves

[5/30/2024 12:39:11] Reading Weirs

[5/30/2024 12:39:11] Reading Drop Structures

[5/30/2024 12:39:11] Reading Breaches

[5/30/2024 12:39:11] Reading Percs

[5/30/2024 12:39:11] Reading Overland Flow Channels

[5/30/2024 12:39:11] Reading Overland Flow Weirs

[5/30/2024 12:39:11] Setting up ghost nodes

[5/30/2024 12:39:11] Reading Manual Basins

[5/30/2024 12:39:11] Reading Overland Flow Basins

[5/30/2024 12:39:11] Sorting basins

[5/30/2024 12:39:11] Reading Basin Features

[5/30/2024 12:39:11] Reading Groundwater

[5/30/2024 12:39:11] Initializing threads

[5/30/2024 12:39:11] Build Complete

[5/30/2024 12:39:12] Total basin area=32.268

[5/30/2024 12:39:12] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

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

[5/30/2024 12:39:12] --- Hydrology Counts -----------------------------------------------

[5/30/2024 12:39:12] Total Basin = 41

[5/30/2024 12:39:12] Direct Basin = 0

[5/30/2024 12:39:12] Manual NRCS Basin = 0

[5/30/2024 12:39:12] Manual SB Basin = 0

[5/30/2024 12:39:12] Mapped NRCS Basin = 0

[5/30/2024 12:39:12] Mapped SB Basin = 0

[5/30/2024 12:39:12] Simple NRCS Basin = 41

[5/30/2024 12:39:12] Simple SB Basin = 0

[5/30/2024 12:39:12] Total Basin Polygon = 41

[5/30/2024 12:39:12] Manual Basin Polygon = 0

[5/30/2024 12:39:12] Mapped Basin Polygon = 0

[5/30/2024 12:39:12] 2D Basin Polygon = 0

[5/30/2024 12:39:13] Crop = 0

[5/30/2024 12:39:13] Reference ET = 0

[5/30/2024 12:39:13] Rainfall = 1

[5/30/2024 12:39:13] Green Ampt Parameter = 0

[5/30/2024 12:39:13] Vert Layer Parameter = 0

[5/30/2024 12:39:13] Curve Number Parameter = 42

[5/30/2024 12:39:13] Imperviousness = 42

[5/30/2024 12:39:13]

[5/30/2024 12:39:13] --- Routing Counts -------------------------------------------------

[5/30/2024 12:39:13] Region = 0

[5/30/2024 12:39:13] Total Node = 69

[5/30/2024 12:39:13] 1D Stage Area = 65

[5/30/2024 12:39:14] 1D Time Stage = 4

[5/30/2024 12:39:14] 1D Drop Nodes = 0

[5/30/2024 12:39:14] 2D Stage Area = 0

[5/30/2024 12:39:14] 2D Time Stage = 0

[5/30/2024 12:39:14] 2D Pond Ghost = 0

[5/30/2024 12:39:14] 2D Chan Ghost = 0

[5/30/2024 12:39:14] 1D/2D Node Interfaces = 0

[5/30/2024 12:39:14] 1D/2D Injection Wells = 0

[5/30/2024 12:39:14] Total Link = 122

[5/30/2024 12:39:14] 1D Pipe = 40

[5/30/2024 12:39:14] 1D Drop Structure = 2

[5/30/2024 12:39:14] 1D French Drain = 0

[5/30/2024 12:39:14] 1D Channel = 0

[5/30/2024 12:39:14] 2D Channel = 0

[5/30/2024 12:39:14] 1D Weir = 78

[5/30/2024 12:39:14] 1D Drop Weir = 2

[5/30/2024 12:39:15] 2D Weir = 0

[5/30/2024 12:39:15] 1D Rating Curve = 0

[5/30/2024 12:39:15] 1D Percolation = 0

[5/30/2024 12:39:15] Cross Section = 56

[5/30/2024 12:39:15] Operating Table = 0

[5/30/2024 12:39:15]

[5/30/2024 12:39:15] --- Groundwater Counts ---------------------------------------------

[5/30/2024 12:39:15] Region = 0

[5/30/2024 12:39:15] Triangle = 0

[5/30/2024 12:39:15] Vertex = 0

[5/30/2024 12:39:15] Midpoint = 0

[5/30/2024 12:39:15] --------------------------------------------------------------------

[5/30/2024 12:39:15]

[5/30/2024 12:39:15] Processing Initial Link Flows...

[5/30/2024 12:39:16] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 12:39:16] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:16] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:16] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:16] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:16] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:39:16] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:16] Node N-S11 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:16] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:39:32] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:32] Node N-S07 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:33] Node N-S04 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:39] Node N-S08 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:40] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:40] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:40] Node N-S01 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:41] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:41] Node N-S05 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:41] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:41] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:41] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:41] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:41] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:41] Node N-S02A caused a revert (this will only be logged once per node)

[5/30/2024 12:39:42] Node N-S01A caused a revert (this will only be logged once per node)

[5/30/2024 12:39:43] Node N-S06 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:43] Node N-S02 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:43] Node N-S03 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:44] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:44] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:44] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:44] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:47] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:47] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:39:47] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:39:48] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:40:00] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:18] Node N-S12 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:20] Conduit Optimizer Total Count=22896603 of 26574200

[5/30/2024 12:40:20] PC busted 60 of 304129

[5/30/2024 12:40:20] Average Iterations was 1.184

[5/30/2024 12:40:20] Average dt was 0.37295 sec

[5/30/2024 12:40:20] Revert count=14528

[5/30/2024 12:40:20]

[5/30/2024 12:40:21] ---- Timers -----------------------------

[5/30/2024 12:40:21] Total Time=64.625 sec

[5/30/2024 12:40:21] Basin Time=0.031 sec

[5/30/2024 12:40:21] BasinPoly Time=0.007 sec

[5/30/2024 12:40:21] Node Time=2.415 sec

[5/30/2024 12:40:21] Link Time=55.626 sec

[5/30/2024 12:40:21] Hydrology Output Time=0.848 sec

[5/30/2024 12:40:21] Groundwater Output Time=0.002 sec

[5/30/2024 12:40:21] Routing Output Time=1.771 sec

[5/30/2024 12:40:21] --- Thread Timers --------------------

[5/30/2024 12:40:21] Thread[0] Basin Time=0.030 sec

[5/30/2024 12:40:21] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 12:40:21] Thread[0] Node Time=1.254 sec

[5/30/2024 12:40:21] Thread[0] Link Time=40.396 sec

[5/30/2024 12:40:22] --- Thread Timers --------------------

[5/30/2024 12:40:22] Thread[1] Basin Time=0.017 sec

[5/30/2024 12:40:22] Thread[1] BasinPoly Time=0.002 sec

[5/30/2024 12:40:22] Thread[1] Node Time=1.310 sec

[5/30/2024 12:40:22] Thread[1] Link Time=43.348 sec

[5/30/2024 12:40:22] --- Thread Timers --------------------

[5/30/2024 12:40:22] Thread[2] Basin Time=0.019 sec

[5/30/2024 12:40:22] Thread[2] BasinPoly Time=0.002 sec

[5/30/2024 12:40:22] Thread[2] Node Time=1.346 sec

[5/30/2024 12:40:22] Thread[2] Link Time=29.071 sec

[5/30/2024 12:40:22] --- Thread Timers --------------------

[5/30/2024 12:40:22] Thread[3] Basin Time=0.017 sec

[5/30/2024 12:40:23] Thread[3] BasinPoly Time=0.002 sec

[5/30/2024 12:40:23] Thread[3] Node Time=1.312 sec

[5/30/2024 12:40:23] Thread[3] Link Time=27.646 sec

[5/30/2024 12:40:23] --- Thread Timers --------------------

[5/30/2024 12:40:23] Thread[4] Basin Time=0.016 sec

[5/30/2024 12:40:24] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 12:40:24] Thread[4] Node Time=1.230 sec

[5/30/2024 12:40:24] Thread[4] Link Time=39.046 sec

[5/30/2024 12:40:25] --- Thread Timers --------------------

[5/30/2024 12:40:25] Thread[5] Basin Time=0.019 sec

[5/30/2024 12:40:25] Thread[5] BasinPoly Time=0.002 sec

[5/30/2024 12:40:25] Thread[5] Node Time=1.225 sec

[5/30/2024 12:40:25] Thread[5] Link Time=35.030 sec

[5/30/2024 12:40:25] --- Thread Timers --------------------

[5/30/2024 12:40:26] Thread[6] Basin Time=0.016 sec

[5/30/2024 12:40:26] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 12:40:26] Thread[6] Node Time=1.072 sec

[5/30/2024 12:40:26] Thread[6] Link Time=36.567 sec