[5/30/2024 12:36:12]

 threads=-1

 batch=1 of 36

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

 nextsim=C:\Work Space\norton\Scenarios\Sc24\Simulations\Si41\

[5/30/2024 12:36:12] C:\Work Space\norton\Scenarios\Sc24\Simulations\Si25\echo.i4p

[5/30/2024 12:36:12] Reading Simulation

[5/30/2024 12:36:12] Simulation=100YR24HR

[5/30/2024 12:36:12] RunMode=0

[5/30/2024 12:36:12] HotStart=0

[5/30/2024 12:36:12] SaveRestart=0

[5/30/2024 12:36:13] StartYear=0

[5/30/2024 12:36:13] StartMonth=0

[5/30/2024 12:36:13] StartDay=0

[5/30/2024 12:36:13] StartHour=0.000

[5/30/2024 12:36:13] EndYear=0

[5/30/2024 12:36:13] EndMonth=0

[5/30/2024 12:36:13] EndDay=0

[5/30/2024 12:36:13] EndHour=30.000

[5/30/2024 12:36:13] HotstartYear=0

[5/30/2024 12:36:13] HotstartMonth=0

[5/30/2024 12:36:13] HotstartDay=0

[5/30/2024 12:36:13] HotstartHour=0.000

[5/30/2024 12:36:13] MinCalc\_Hydrology=60.000

[5/30/2024 12:36:13] MinCalc\_Hydraulics=0.100

[5/30/2024 12:36:13] MaxCalc\_Hydraulics=30.000

[5/30/2024 12:36:13] MinCalc\_Groundwater=900.000

[5/30/2024 12:36:13] RainfallSet=

[5/30/2024 12:36:13] RefETSet=

[5/30/2024 12:36:13] UnitHydSet=

[5/30/2024 12:36:13] BndStageSet=MHHWL

[5/30/2024 12:36:13] ExHydSet=

[5/30/2024 12:36:13] CurveNumSet=

[5/30/2024 12:36:13] GreenAmptSet=

[5/30/2024 12:36:13] VertLayerSet=

[5/30/2024 12:36:13] ImpervSet=

[5/30/2024 12:36:13] RoughnessSet=

[5/30/2024 12:36:13] CropCoefSet=

[5/30/2024 12:36:14] PorosSet=

[5/30/2024 12:36:14] ConductSet=

[5/30/2024 12:36:14] LeakageSet=

[5/30/2024 12:36:14] TimeMarching=0

[5/30/2024 12:36:14] MaxIterations=6

[5/30/2024 12:36:14] OverRelaxWeightFactor=0.500

[5/30/2024 12:36:14] dZTolerance=0.001

[5/30/2024 12:36:14] MaxdZ=1.000

[5/30/2024 12:36:14] LinkOptTol=0.000

[5/30/2024 12:36:14] EdgeLengthOpt=0

[5/30/2024 12:36:14] EdgeLengthFactor=0.667

[5/30/2024 12:36:14] DefaultDampThresh2d=0.005

[5/30/2024 12:36:14] MinSurfArea2d=100.000

[5/30/2024 12:36:14] EnergySwitch2d=1

[5/30/2024 12:36:14] IaTime=24.000

[5/30/2024 12:36:14] IncludeETManBasns=0

[5/30/2024 12:36:14] VertLayerSoln=0

[5/30/2024 12:36:14] RainOptManBasns=1

[5/30/2024 12:36:14] RainOptOF=1

[5/30/2024 12:36:14] RainName=~FLMOD

[5/30/2024 12:36:14] RainAmount=12.300

[5/30/2024 12:36:14] StormDur=24.000

[5/30/2024 12:36:14] DefaultDampThresh1D=0.005

[5/30/2024 12:36:14] MinNodeSurfArea1D=100.000

[5/30/2024 12:36:14] EnergySwitch1D=1

[5/30/2024 12:36:15] Comment=

[5/30/2024 12:36:15] 7 threads [8 cores detected]

[5/30/2024 12:36:15] SolutionMethod=SAOR

[5/30/2024 12:36:15] No \_ET.TXT

[5/30/2024 12:36:15] No \_EV.TXT

[5/30/2024 12:36:15] Reading Operating Tables

[5/30/2024 12:36:15] Reading Cross Sections

[5/30/2024 12:36:15] Reading 1D Nodes

[5/30/2024 12:36:15] Reading Overland Flow Nodes

[5/30/2024 12:36:15] Reading 1D Channels

[5/30/2024 12:36:15] Setting up channel ghost nodes

[5/30/2024 12:36:16] Reading Pipes

[5/30/2024 12:36:16] Reading Rating Curves

[5/30/2024 12:36:16] Reading Weirs

[5/30/2024 12:36:16] Reading Drop Structures

[5/30/2024 12:36:16] Reading Breaches

[5/30/2024 12:36:16] Reading Percs

[5/30/2024 12:36:16] Reading Overland Flow Channels

[5/30/2024 12:36:16] Reading Overland Flow Weirs

[5/30/2024 12:36:16] Setting up ghost nodes

[5/30/2024 12:36:16] Reading Manual Basins

[5/30/2024 12:36:16] Reading Overland Flow Basins

[5/30/2024 12:36:16] Sorting basins

[5/30/2024 12:36:16] Reading Basin Features

[5/30/2024 12:36:16] Reading Groundwater

[5/30/2024 12:36:16] Initializing threads

[5/30/2024 12:36:16] Build Complete

[5/30/2024 12:36:16] Total basin area=32.268

[5/30/2024 12:36:17] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/30/2024 12:36:17]

[5/30/2024 12:36:17] --- Hydrology Counts -----------------------------------------------

[5/30/2024 12:36:17] Total Basin = 41

[5/30/2024 12:36:17] Direct Basin = 0

[5/30/2024 12:36:17] Manual NRCS Basin = 0

[5/30/2024 12:36:17] Manual SB Basin = 0

[5/30/2024 12:36:17] Mapped NRCS Basin = 0

[5/30/2024 12:36:17] Mapped SB Basin = 0

[5/30/2024 12:36:17] Simple NRCS Basin = 41

[5/30/2024 12:36:17] Simple SB Basin = 0

[5/30/2024 12:36:17] Total Basin Polygon = 41

[5/30/2024 12:36:17] Manual Basin Polygon = 0

[5/30/2024 12:36:17] Mapped Basin Polygon = 0

[5/30/2024 12:36:17] 2D Basin Polygon = 0

[5/30/2024 12:36:17] Crop = 0

[5/30/2024 12:36:17] Reference ET = 0

[5/30/2024 12:36:18] Rainfall = 1

[5/30/2024 12:36:18] Green Ampt Parameter = 0

[5/30/2024 12:36:18] Vert Layer Parameter = 0

[5/30/2024 12:36:18] Curve Number Parameter = 42

[5/30/2024 12:36:18] Imperviousness = 42

[5/30/2024 12:36:18]

[5/30/2024 12:36:18] --- Routing Counts -------------------------------------------------

[5/30/2024 12:36:18] Region = 0

[5/30/2024 12:36:18] Total Node = 69

[5/30/2024 12:36:18] 1D Stage Area = 65

[5/30/2024 12:36:18] 1D Time Stage = 4

[5/30/2024 12:36:18] 1D Drop Nodes = 0

[5/30/2024 12:36:18] 2D Stage Area = 0

[5/30/2024 12:36:18] 2D Time Stage = 0

[5/30/2024 12:36:18] 2D Pond Ghost = 0

[5/30/2024 12:36:18] 2D Chan Ghost = 0

[5/30/2024 12:36:19] 1D/2D Node Interfaces = 0

[5/30/2024 12:36:19] 1D/2D Injection Wells = 0

[5/30/2024 12:36:19] Total Link = 122

[5/30/2024 12:36:19] 1D Pipe = 40

[5/30/2024 12:36:19] 1D Drop Structure = 2

[5/30/2024 12:36:19] 1D French Drain = 0

[5/30/2024 12:36:19] 1D Channel = 0

[5/30/2024 12:36:19] 2D Channel = 0

[5/30/2024 12:36:19] 1D Weir = 78

[5/30/2024 12:36:19] 1D Drop Weir = 2

[5/30/2024 12:36:19] 2D Weir = 0

[5/30/2024 12:36:19] 1D Rating Curve = 0

[5/30/2024 12:36:19] 1D Percolation = 0

[5/30/2024 12:36:19] Cross Section = 56

[5/30/2024 12:36:20] Operating Table = 0

[5/30/2024 12:36:20]

[5/30/2024 12:36:20] --- Groundwater Counts ---------------------------------------------

[5/30/2024 12:36:20] Region = 0

[5/30/2024 12:36:20] Triangle = 0

[5/30/2024 12:36:20] Vertex = 0

[5/30/2024 12:36:20] Midpoint = 0

[5/30/2024 12:36:20] --------------------------------------------------------------------

[5/30/2024 12:36:21]

[5/30/2024 12:36:21] Processing Initial Link Flows...

[5/30/2024 12:36:21] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 12:36:21] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:21] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:21] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:21] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:21] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:36:21] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:21] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:36:21] Node N-S11 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:33] Node N-S07 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:36] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:36] Node N-S04 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:44] Node N-S08 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:50] Node N-S12 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:54] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:54] Node N-DN-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:54] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:54] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:54] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:54] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-S01A caused a revert (this will only be logged once per node)

[5/30/2024 12:36:55] Node N-S02A caused a revert (this will only be logged once per node)

[5/30/2024 12:36:56] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:36:56] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:57] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:57] Node N-S03 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:57] Node N-S06 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:57] Node N-S05 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:58] Node N-S02 caused a revert (this will only be logged once per node)

[5/30/2024 12:36:59] Node N-S01 caused a revert (this will only be logged once per node)

[5/30/2024 12:37:01] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:37:01] Node N-DN-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:37:11] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:37:13] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:37:47] Conduit Optimizer Total Count=25810744 of 30814920

[5/30/2024 12:37:47] PC busted 72 of 339758

[5/30/2024 12:37:47] Average Iterations was 1.267

[5/30/2024 12:37:47] Average dt was 0.33382 sec

[5/30/2024 12:37:47] Revert count=16214

[5/30/2024 12:37:47]

[5/30/2024 12:37:47] ---- Timers -----------------------------

[5/30/2024 12:37:47] Total Time=85.962 sec

[5/30/2024 12:37:47] Basin Time=0.031 sec

[5/30/2024 12:37:48] BasinPoly Time=0.017 sec

[5/30/2024 12:37:48] Node Time=3.597 sec

[5/30/2024 12:37:48] Link Time=73.983 sec

[5/30/2024 12:37:48] Hydrology Output Time=1.283 sec

[5/30/2024 12:37:48] Groundwater Output Time=0.002 sec

[5/30/2024 12:37:48] Routing Output Time=2.651 sec

[5/30/2024 12:37:48] --- Thread Timers --------------------

[5/30/2024 12:37:48] Thread[0] Basin Time=0.030 sec

[5/30/2024 12:37:48] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 12:37:48] Thread[0] Node Time=1.497 sec

[5/30/2024 12:37:48] Thread[0] Link Time=51.780 sec

[5/30/2024 12:37:48] --- Thread Timers --------------------

[5/30/2024 12:37:49] Thread[1] Basin Time=0.018 sec

[5/30/2024 12:37:49] Thread[1] BasinPoly Time=0.003 sec

[5/30/2024 12:37:49] Thread[1] Node Time=1.546 sec

[5/30/2024 12:37:49] Thread[1] Link Time=57.826 sec

[5/30/2024 12:37:49] --- Thread Timers --------------------

[5/30/2024 12:37:49] Thread[2] Basin Time=0.019 sec

[5/30/2024 12:37:49] Thread[2] BasinPoly Time=0.003 sec

[5/30/2024 12:37:49] Thread[2] Node Time=1.580 sec

[5/30/2024 12:37:49] Thread[2] Link Time=43.228 sec

[5/30/2024 12:37:49] --- Thread Timers --------------------

[5/30/2024 12:37:49] Thread[3] Basin Time=0.018 sec

[5/30/2024 12:37:50] Thread[3] BasinPoly Time=0.003 sec

[5/30/2024 12:37:50] Thread[3] Node Time=1.579 sec

[5/30/2024 12:37:50] Thread[3] Link Time=40.375 sec

[5/30/2024 12:37:50] --- Thread Timers --------------------

[5/30/2024 12:37:50] Thread[4] Basin Time=0.017 sec

[5/30/2024 12:37:50] Thread[4] BasinPoly Time=0.003 sec

[5/30/2024 12:37:50] Thread[4] Node Time=1.448 sec

[5/30/2024 12:37:51] Thread[4] Link Time=54.640 sec

[5/30/2024 12:37:51] --- Thread Timers --------------------

[5/30/2024 12:37:51] Thread[5] Basin Time=0.020 sec

[5/30/2024 12:37:51] Thread[5] BasinPoly Time=0.003 sec

[5/30/2024 12:37:51] Thread[5] Node Time=1.450 sec

[5/30/2024 12:37:51] Thread[5] Link Time=47.823 sec

[5/30/2024 12:37:51] --- Thread Timers --------------------

[5/30/2024 12:37:51] Thread[6] Basin Time=0.016 sec

[5/30/2024 12:37:51] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 12:37:52] Thread[6] Node Time=1.370 sec

[5/30/2024 12:37:52] Thread[6] Link Time=48.350 sec