[5/30/2024 12:44:46]

 threads=-1

 batch=8 of 36

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

 nextsim=C:\Work Space\norton\Scenarios\Sc24\Simulations\Si86\

[5/30/2024 12:44:46] C:\Work Space\norton\Scenarios\Sc24\Simulations\Si30\echo.i4p

[5/30/2024 12:44:46] Reading Simulation

[5/30/2024 12:44:46] Simulation=25YR24HR-2.36ft

[5/30/2024 12:44:46] RunMode=1952280320

[5/30/2024 12:44:46] HotStart=0

[5/30/2024 12:44:46] SaveRestart=0

[5/30/2024 12:44:46] StartYear=0

[5/30/2024 12:44:46] StartMonth=0

[5/30/2024 12:44:46] StartDay=0

[5/30/2024 12:44:46] StartHour=0.000

[5/30/2024 12:44:46] EndYear=0

[5/30/2024 12:44:46] EndMonth=0

[5/30/2024 12:44:46] EndDay=0

[5/30/2024 12:44:46] EndHour=30.000

[5/30/2024 12:44:46] HotstartYear=0

[5/30/2024 12:44:46] HotstartMonth=0

[5/30/2024 12:44:46] HotstartDay=0

[5/30/2024 12:44:46] HotstartHour=0.000

[5/30/2024 12:44:46] MinCalc\_Hydrology=60.000

[5/30/2024 12:44:46] MinCalc\_Hydraulics=0.100

[5/30/2024 12:44:46] MaxCalc\_Hydraulics=30.000

[5/30/2024 12:44:46] MinCalc\_Groundwater=900.000

[5/30/2024 12:44:46] RainfallSet=

[5/30/2024 12:44:46] RefETSet=

[5/30/2024 12:44:46] UnitHydSet=

[5/30/2024 12:44:47] BndStageSet=2.36ft

[5/30/2024 12:44:47] ExHydSet=

[5/30/2024 12:44:47] CurveNumSet=

[5/30/2024 12:44:47] GreenAmptSet=

[5/30/2024 12:44:47] VertLayerSet=

[5/30/2024 12:44:47] ImpervSet=

[5/30/2024 12:44:47] RoughnessSet=

[5/30/2024 12:44:47] CropCoefSet=

[5/30/2024 12:44:47] PorosSet=

[5/30/2024 12:44:47] ConductSet=

[5/30/2024 12:44:47] LeakageSet=

[5/30/2024 12:44:47] TimeMarching=0

[5/30/2024 12:44:47] MaxIterations=6

[5/30/2024 12:44:47] OverRelaxWeightFactor=0.500

[5/30/2024 12:44:47] dZTolerance=0.001

[5/30/2024 12:44:47] MaxdZ=1.000

[5/30/2024 12:44:47] LinkOptTol=0.000

[5/30/2024 12:44:47] EdgeLengthOpt=0

[5/30/2024 12:44:47] EdgeLengthFactor=0.667

[5/30/2024 12:44:47] DefaultDampThresh2d=0.005

[5/30/2024 12:44:47] MinSurfArea2d=100.000

[5/30/2024 12:44:47] EnergySwitch2d=1

[5/30/2024 12:44:47] IaTime=24.000

[5/30/2024 12:44:47] IncludeETManBasns=0

[5/30/2024 12:44:47] VertLayerSoln=0

[5/30/2024 12:44:47] RainOptManBasns=1

[5/30/2024 12:44:47] RainOptOF=1

[5/30/2024 12:44:47] RainName=~FLMOD

[5/30/2024 12:44:47] RainAmount=8.880

[5/30/2024 12:44:48] StormDur=24.000

[5/30/2024 12:44:48] DefaultDampThresh1D=0.005

[5/30/2024 12:44:48] MinNodeSurfArea1D=100.000

[5/30/2024 12:44:48] EnergySwitch1D=1

[5/30/2024 12:44:48] Comment=

[5/30/2024 12:44:48] 7 threads [8 cores detected]

[5/30/2024 12:44:48] SolutionMethod=SAOR

[5/30/2024 12:44:48] No \_ET.TXT

[5/30/2024 12:44:48] No \_EV.TXT

[5/30/2024 12:44:48] Reading Operating Tables

[5/30/2024 12:44:48] Reading Cross Sections

[5/30/2024 12:44:49] Reading 1D Nodes

[5/30/2024 12:44:49] Reading Overland Flow Nodes

[5/30/2024 12:44:49] Reading 1D Channels

[5/30/2024 12:44:49] Setting up channel ghost nodes

[5/30/2024 12:44:49] Reading Pipes

[5/30/2024 12:44:49] Reading Rating Curves

[5/30/2024 12:44:49] Reading Weirs

[5/30/2024 12:44:49] Reading Drop Structures

[5/30/2024 12:44:50] Reading Breaches

[5/30/2024 12:44:50] Reading Percs

[5/30/2024 12:44:50] Reading Overland Flow Channels

[5/30/2024 12:44:50] Reading Overland Flow Weirs

[5/30/2024 12:44:50] Setting up ghost nodes

[5/30/2024 12:44:50] Reading Manual Basins

[5/30/2024 12:44:50] Reading Overland Flow Basins

[5/30/2024 12:44:50] Sorting basins

[5/30/2024 12:44:50] Reading Basin Features

[5/30/2024 12:44:50] Reading Groundwater

[5/30/2024 12:44:50] Initializing threads

[5/30/2024 12:44:50] Build Complete

[5/30/2024 12:44:50] Total basin area=32.268

[5/30/2024 12:44:51] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/30/2024 12:44:51]

[5/30/2024 12:44:51] --- Hydrology Counts -----------------------------------------------

[5/30/2024 12:44:51] Total Basin = 41

[5/30/2024 12:44:51] Direct Basin = 0

[5/30/2024 12:44:51] Manual NRCS Basin = 0

[5/30/2024 12:44:51] Manual SB Basin = 0

[5/30/2024 12:44:51] Mapped NRCS Basin = 0

[5/30/2024 12:44:51] Mapped SB Basin = 0

[5/30/2024 12:44:51] Simple NRCS Basin = 41

[5/30/2024 12:44:51] Simple SB Basin = 0

[5/30/2024 12:44:51] Total Basin Polygon = 41

[5/30/2024 12:44:51] Manual Basin Polygon = 0

[5/30/2024 12:44:51] Mapped Basin Polygon = 0

[5/30/2024 12:44:52] 2D Basin Polygon = 0

[5/30/2024 12:44:52] Crop = 0

[5/30/2024 12:44:52] Reference ET = 0

[5/30/2024 12:44:52] Rainfall = 1

[5/30/2024 12:44:52] Green Ampt Parameter = 0

[5/30/2024 12:44:52] Vert Layer Parameter = 0

[5/30/2024 12:44:52] Curve Number Parameter = 42

[5/30/2024 12:44:52] Imperviousness = 42

[5/30/2024 12:44:52]

[5/30/2024 12:44:52] --- Routing Counts -------------------------------------------------

[5/30/2024 12:44:52] Region = 0

[5/30/2024 12:44:52] Total Node = 69

[5/30/2024 12:44:52] 1D Stage Area = 65

[5/30/2024 12:44:52] 1D Time Stage = 4

[5/30/2024 12:44:52] 1D Drop Nodes = 0

[5/30/2024 12:44:52] 2D Stage Area = 0

[5/30/2024 12:44:52] 2D Time Stage = 0

[5/30/2024 12:44:52] 2D Pond Ghost = 0

[5/30/2024 12:44:53] 2D Chan Ghost = 0

[5/30/2024 12:44:53] 1D/2D Node Interfaces = 0

[5/30/2024 12:44:53] 1D/2D Injection Wells = 0

[5/30/2024 12:44:53] Total Link = 122

[5/30/2024 12:44:53] 1D Pipe = 40

[5/30/2024 12:44:53] 1D Drop Structure = 2

[5/30/2024 12:44:53] 1D French Drain = 0

[5/30/2024 12:44:53] 1D Channel = 0

[5/30/2024 12:44:53] 2D Channel = 0

[5/30/2024 12:44:53] 1D Weir = 78

[5/30/2024 12:44:53] 1D Drop Weir = 2

[5/30/2024 12:44:53] 2D Weir = 0

[5/30/2024 12:44:53] 1D Rating Curve = 0

[5/30/2024 12:44:53] 1D Percolation = 0

[5/30/2024 12:44:54] Cross Section = 56

[5/30/2024 12:44:54] Operating Table = 0

[5/30/2024 12:44:54]

[5/30/2024 12:44:54] --- Groundwater Counts ---------------------------------------------

[5/30/2024 12:44:54] Region = 0

[5/30/2024 12:44:54] Triangle = 0

[5/30/2024 12:44:54] Vertex = 0

[5/30/2024 12:44:54] Midpoint = 0

[5/30/2024 12:44:54] --------------------------------------------------------------------

[5/30/2024 12:44:54]

[5/30/2024 12:44:54] Processing Initial Link Flows...

[5/30/2024 12:44:54] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 12:44:54] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:54] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:55] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:55] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:55] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:55] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:55] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:44:56] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:56] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:44:56] Node N-S11 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:56] Node N-S07 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:09] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:09] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:10] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:12] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:12] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:14] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:14] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:21] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:21] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:23] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:45:28] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:28] Node N-S04 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:49] Node N-S12 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:49] Node N-S05 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:49] Node N-S08 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:50] Node N-S01 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:50] Node N-S03 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:50] Conduit Optimizer Total Count=19215858 of 22101040

[5/30/2024 12:45:50] PC busted 94 of 244777

[5/30/2024 12:45:51] Average Iterations was 1.257

[5/30/2024 12:45:51] Average dt was 0.46315 sec

[5/30/2024 12:45:51] Revert count=11588

[5/30/2024 12:45:51]

[5/30/2024 12:45:51] ---- Timers -----------------------------

[5/30/2024 12:45:51] Total Time=55.950 sec

[5/30/2024 12:45:51] Basin Time=0.029 sec

[5/30/2024 12:45:51] BasinPoly Time=0.005 sec

[5/30/2024 12:45:51] Node Time=1.941 sec

[5/30/2024 12:45:51] Link Time=48.955 sec

[5/30/2024 12:45:51] Hydrology Output Time=0.769 sec

[5/30/2024 12:45:51] Groundwater Output Time=0.002 sec

[5/30/2024 12:45:51] Routing Output Time=1.114 sec

[5/30/2024 12:45:51] --- Thread Timers --------------------

[5/30/2024 12:45:52] Thread[0] Basin Time=0.027 sec

[5/30/2024 12:45:52] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 12:45:52] Thread[0] Node Time=1.068 sec

[5/30/2024 12:45:52] Thread[0] Link Time=31.879 sec

[5/30/2024 12:45:52] --- Thread Timers --------------------

[5/30/2024 12:45:52] Thread[1] Basin Time=0.016 sec

[5/30/2024 12:45:52] Thread[1] BasinPoly Time=0.002 sec

[5/30/2024 12:45:52] Thread[1] Node Time=1.108 sec

[5/30/2024 12:45:52] Thread[1] Link Time=37.450 sec

[5/30/2024 12:45:52] --- Thread Timers --------------------

[5/30/2024 12:45:52] Thread[2] Basin Time=0.018 sec

[5/30/2024 12:45:52] Thread[2] BasinPoly Time=0.002 sec

[5/30/2024 12:45:52] Thread[2] Node Time=1.098 sec

[5/30/2024 12:45:53] Thread[2] Link Time=22.863 sec

[5/30/2024 12:45:53] --- Thread Timers --------------------

[5/30/2024 12:45:53] Thread[3] Basin Time=0.016 sec

[5/30/2024 12:45:53] Thread[3] BasinPoly Time=0.002 sec

[5/30/2024 12:45:53] Thread[3] Node Time=1.112 sec

[5/30/2024 12:45:53] Thread[3] Link Time=20.585 sec

[5/30/2024 12:45:53] --- Thread Timers --------------------

[5/30/2024 12:45:53] Thread[4] Basin Time=0.015 sec

[5/30/2024 12:45:54] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 12:45:54] Thread[4] Node Time=1.031 sec

[5/30/2024 12:45:54] Thread[4] Link Time=31.086 sec

[5/30/2024 12:45:54] --- Thread Timers --------------------

[5/30/2024 12:45:54] Thread[5] Basin Time=0.018 sec

[5/30/2024 12:45:54] Thread[5] BasinPoly Time=0.002 sec

[5/30/2024 12:45:54] Thread[5] Node Time=1.037 sec

[5/30/2024 12:45:54] Thread[5] Link Time=26.179 sec

[5/30/2024 12:45:54] --- Thread Timers --------------------

[5/30/2024 12:45:55] Thread[6] Basin Time=0.015 sec

[5/30/2024 12:45:55] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 12:45:55] Thread[6] Node Time=0.936 sec

[5/30/2024 12:45:55] Thread[6] Link Time=33.691 sec