[5/30/2024 12:45:50]

threads=-1

batch=9 of 36

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

nextsim=C:\Work Space\norton\Scenarios\Sc24\Simulations\Si88\

[5/30/2024 12:45:50] C:\Work Space\norton\Scenarios\Sc24\Simulations\Si86\echo.i4p

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

[5/30/2024 12:45:51] Simulation=50YR24HR

[5/30/2024 12:45:51] RunMode=0

[5/30/2024 12:45:51] HotStart=0

[5/30/2024 12:45:51] SaveRestart=0

[5/30/2024 12:45:51] StartYear=0

[5/30/2024 12:45:51] StartMonth=0

[5/30/2024 12:45:51] StartDay=0

[5/30/2024 12:45:51] StartHour=0.000

[5/30/2024 12:45:51] EndYear=0

[5/30/2024 12:45:51] EndMonth=0

[5/30/2024 12:45:51] EndDay=0

[5/30/2024 12:45:51] EndHour=30.000

[5/30/2024 12:45:51] HotstartYear=0

[5/30/2024 12:45:51] HotstartMonth=0

[5/30/2024 12:45:51] HotstartDay=0

[5/30/2024 12:45:51] HotstartHour=0.000

[5/30/2024 12:45:51] MinCalc\_Hydrology=60.000

[5/30/2024 12:45:51] MinCalc\_Hydraulics=0.100

[5/30/2024 12:45:51] MaxCalc\_Hydraulics=30.000

[5/30/2024 12:45:51] MinCalc\_Groundwater=900.000

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

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

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

[5/30/2024 12:45:51] BndStageSet=MHHWL

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

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

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

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

[5/30/2024 12:45:52] ImpervSet=

[5/30/2024 12:45:52] RoughnessSet=

[5/30/2024 12:45:52] CropCoefSet=

[5/30/2024 12:45:52] PorosSet=

[5/30/2024 12:45:52] ConductSet=

[5/30/2024 12:45:52] LeakageSet=

[5/30/2024 12:45:52] TimeMarching=0

[5/30/2024 12:45:52] MaxIterations=6

[5/30/2024 12:45:52] OverRelaxWeightFactor=0.500

[5/30/2024 12:45:52] dZTolerance=0.001

[5/30/2024 12:45:52] MaxdZ=1.000

[5/30/2024 12:45:52] LinkOptTol=0.000

[5/30/2024 12:45:52] EdgeLengthOpt=0

[5/30/2024 12:45:52] EdgeLengthFactor=0.667

[5/30/2024 12:45:52] DefaultDampThresh2d=0.005

[5/30/2024 12:45:52] MinSurfArea2d=100.000

[5/30/2024 12:45:52] EnergySwitch2d=1

[5/30/2024 12:45:52] IaTime=24.000

[5/30/2024 12:45:52] IncludeETManBasns=0

[5/30/2024 12:45:52] VertLayerSoln=0

[5/30/2024 12:45:52] RainOptManBasns=1

[5/30/2024 12:45:52] RainOptOF=1

[5/30/2024 12:45:52] RainName=~FLMOD

[5/30/2024 12:45:52] RainAmount=10.500

[5/30/2024 12:45:52] StormDur=24.000

[5/30/2024 12:45:52] DefaultDampThresh1D=0.005

[5/30/2024 12:45:52] MinNodeSurfArea1D=100.000

[5/30/2024 12:45:52] EnergySwitch1D=1

[5/30/2024 12:45:52] Comment=

[5/30/2024 12:45:53] 7 threads [8 cores detected]

[5/30/2024 12:45:53] SolutionMethod=SAOR

[5/30/2024 12:45:53] No \_ET.TXT

[5/30/2024 12:45:53] No \_EV.TXT

[5/30/2024 12:45:53] Reading Operating Tables

[5/30/2024 12:45:53] Reading Cross Sections

[5/30/2024 12:45:53] Reading 1D Nodes

[5/30/2024 12:45:53] Reading Overland Flow Nodes

[5/30/2024 12:45:53] Reading 1D Channels

[5/30/2024 12:45:54] Setting up channel ghost nodes

[5/30/2024 12:45:54] Reading Pipes

[5/30/2024 12:45:54] Reading Rating Curves

[5/30/2024 12:45:54] Reading Weirs

[5/30/2024 12:45:54] Reading Drop Structures

[5/30/2024 12:45:54] Reading Breaches

[5/30/2024 12:45:54] Reading Percs

[5/30/2024 12:45:54] Reading Overland Flow Channels

[5/30/2024 12:45:54] Reading Overland Flow Weirs

[5/30/2024 12:45:54] Setting up ghost nodes

[5/30/2024 12:45:54] Reading Manual Basins

[5/30/2024 12:45:54] Reading Overland Flow Basins

[5/30/2024 12:45:55] Sorting basins

[5/30/2024 12:45:55] Reading Basin Features

[5/30/2024 12:45:55] Reading Groundwater

[5/30/2024 12:45:55] Initializing threads

[5/30/2024 12:45:55] Build Complete

[5/30/2024 12:45:55] Total basin area=32.268

[5/30/2024 12:45:55] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/30/2024 12:45:55]

[5/30/2024 12:45:55] --- Hydrology Counts -----------------------------------------------

[5/30/2024 12:45:55] Total Basin = 41

[5/30/2024 12:45:55] Direct Basin = 0

[5/30/2024 12:45:55] Manual NRCS Basin = 0

[5/30/2024 12:45:55] Manual SB Basin = 0

[5/30/2024 12:45:56] Mapped NRCS Basin = 0

[5/30/2024 12:45:56] Mapped SB Basin = 0

[5/30/2024 12:45:56] Simple NRCS Basin = 41

[5/30/2024 12:45:56] Simple SB Basin = 0

[5/30/2024 12:45:56] Total Basin Polygon = 41

[5/30/2024 12:45:56] Manual Basin Polygon = 0

[5/30/2024 12:45:56] Mapped Basin Polygon = 0

[5/30/2024 12:45:56] 2D Basin Polygon = 0

[5/30/2024 12:45:56] Crop = 0

[5/30/2024 12:45:56] Reference ET = 0

[5/30/2024 12:45:56] Rainfall = 1

[5/30/2024 12:45:56] Green Ampt Parameter = 0

[5/30/2024 12:45:56] Vert Layer Parameter = 0

[5/30/2024 12:45:56] Curve Number Parameter = 42

[5/30/2024 12:45:56] Imperviousness = 42

[5/30/2024 12:45:56]

[5/30/2024 12:45:56] --- Routing Counts -------------------------------------------------

[5/30/2024 12:45:57] Region = 0

[5/30/2024 12:45:57] Total Node = 69

[5/30/2024 12:45:57] 1D Stage Area = 65

[5/30/2024 12:45:57] 1D Time Stage = 4

[5/30/2024 12:45:57] 1D Drop Nodes = 0

[5/30/2024 12:45:57] 2D Stage Area = 0

[5/30/2024 12:45:57] 2D Time Stage = 0

[5/30/2024 12:45:57] 2D Pond Ghost = 0

[5/30/2024 12:45:57] 2D Chan Ghost = 0

[5/30/2024 12:45:57] 1D/2D Node Interfaces = 0

[5/30/2024 12:45:57] 1D/2D Injection Wells = 0

[5/30/2024 12:45:57] Total Link = 122

[5/30/2024 12:45:57] 1D Pipe = 40

[5/30/2024 12:45:57] 1D Drop Structure = 2

[5/30/2024 12:45:57] 1D French Drain = 0

[5/30/2024 12:45:57] 1D Channel = 0

[5/30/2024 12:45:58] 2D Channel = 0

[5/30/2024 12:45:58] 1D Weir = 78

[5/30/2024 12:45:58] 1D Drop Weir = 2

[5/30/2024 12:45:58] 2D Weir = 0

[5/30/2024 12:45:58] 1D Rating Curve = 0

[5/30/2024 12:45:58] 1D Percolation = 0

[5/30/2024 12:45:58] Cross Section = 56

[5/30/2024 12:45:58] Operating Table = 0

[5/30/2024 12:45:58]

[5/30/2024 12:45:58] --- Groundwater Counts ---------------------------------------------

[5/30/2024 12:45:58] Region = 0

[5/30/2024 12:45:58] Triangle = 0

[5/30/2024 12:45:58] Vertex = 0

[5/30/2024 12:45:59] Midpoint = 0

[5/30/2024 12:45:59] --------------------------------------------------------------------

[5/30/2024 12:45:59]

[5/30/2024 12:45:59] Processing Initial Link Flows...

[5/30/2024 12:45:59] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 12:45:59] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:59] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:59] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:59] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:45:59] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:46:00] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:46:00] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:00] Node N-S08 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:00] Node N-S11 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:13] Node N-S07 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:17] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:30] Node N-S04 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:31] Node N-DN-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:31] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:31] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:31] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:31] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:32] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:32] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:32] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:32] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:32] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:32] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:32] Node N-S02A caused a revert (this will only be logged once per node)

[5/30/2024 12:46:33] Node N-S01A caused a revert (this will only be logged once per node)

[5/30/2024 12:46:33] Node N-S12 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:33] Node N-S01 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:33] Node N-S02 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:33] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:46:33] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:34] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:34] Node N-S06 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:34] Node N-S05 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:36] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:36] Node N-DN-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:46:36] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:38] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:38] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:46:46] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:46:47] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:47:00] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:01] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:47:23] Conduit Optimizer Total Count=25337694 of 29973960

[5/30/2024 12:47:23] PC busted 56 of 333583

[5/30/2024 12:47:23] Average Iterations was 1.246

[5/30/2024 12:47:23] Average dt was 0.34004 sec

[5/30/2024 12:47:23] Revert count=15953

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

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

[5/30/2024 12:47:23] Total Time=83.717 sec

[5/30/2024 12:47:23] Basin Time=0.033 sec

[5/30/2024 12:47:24] BasinPoly Time=0.006 sec

[5/30/2024 12:47:24] Node Time=3.752 sec

[5/30/2024 12:47:24] Link Time=71.074 sec

[5/30/2024 12:47:24] Hydrology Output Time=1.247 sec

[5/30/2024 12:47:24] Groundwater Output Time=0.002 sec

[5/30/2024 12:47:24] Routing Output Time=1.924 sec

[5/30/2024 12:47:24] --- Thread Timers --------------------

[5/30/2024 12:47:24] Thread[0] Basin Time=0.032 sec

[5/30/2024 12:47:24] Thread[0] BasinPoly Time=0.003 sec

[5/30/2024 12:47:24] Thread[0] Node Time=1.534 sec

[5/30/2024 12:47:24] Thread[0] Link Time=50.248 sec

[5/30/2024 12:47:24] --- Thread Timers --------------------

[5/30/2024 12:47:25] Thread[1] Basin Time=0.019 sec

[5/30/2024 12:47:25] Thread[1] BasinPoly Time=0.003 sec

[5/30/2024 12:47:25] Thread[1] Node Time=1.535 sec

[5/30/2024 12:47:25] Thread[1] Link Time=55.880 sec

[5/30/2024 12:47:25] --- Thread Timers --------------------

[5/30/2024 12:47:25] Thread[2] Basin Time=0.022 sec

[5/30/2024 12:47:25] Thread[2] BasinPoly Time=0.003 sec

[5/30/2024 12:47:25] Thread[2] Node Time=1.508 sec

[5/30/2024 12:47:25] Thread[2] Link Time=40.782 sec

[5/30/2024 12:47:26] --- Thread Timers --------------------

[5/30/2024 12:47:26] Thread[3] Basin Time=0.020 sec

[5/30/2024 12:47:26] Thread[3] BasinPoly Time=0.003 sec

[5/30/2024 12:47:26] Thread[3] Node Time=1.613 sec

[5/30/2024 12:47:26] Thread[3] Link Time=38.111 sec

[5/30/2024 12:47:26] --- Thread Timers --------------------

[5/30/2024 12:47:26] Thread[4] Basin Time=0.018 sec

[5/30/2024 12:47:27] Thread[4] BasinPoly Time=0.003 sec

[5/30/2024 12:47:27] Thread[4] Node Time=1.409 sec

[5/30/2024 12:47:27] Thread[4] Link Time=50.757 sec

[5/30/2024 12:47:27] --- Thread Timers --------------------

[5/30/2024 12:47:27] Thread[5] Basin Time=0.021 sec

[5/30/2024 12:47:27] Thread[5] BasinPoly Time=0.003 sec

[5/30/2024 12:47:27] Thread[5] Node Time=1.472 sec

[5/30/2024 12:47:28] Thread[5] Link Time=45.012 sec

[5/30/2024 12:47:28] --- Thread Timers --------------------

[5/30/2024 12:47:28] Thread[6] Basin Time=0.017 sec

[5/30/2024 12:47:28] Thread[6] BasinPoly Time=0.003 sec

[5/30/2024 12:47:28] Thread[6] Node Time=1.289 sec

[5/30/2024 12:47:28] Thread[6] Link Time=47.747 sec