[5/30/2024 12:55:32]

threads=-1

batch=16 of 36

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

nextsim=C:\Work Space\norton\Scenarios\Sc67\Simulations\Si71\

[5/30/2024 12:55:32] C:\Work Space\norton\Scenarios\Sc67\Simulations\Si78\echo.i4p

[5/30/2024 12:55:32] Reading Simulation

[5/30/2024 12:55:32] Simulation=10YR24HR-2.36ft

[5/30/2024 12:55:32] RunMode=0

[5/30/2024 12:55:32] HotStart=0

[5/30/2024 12:55:32] SaveRestart=0

[5/30/2024 12:55:32] StartYear=0

[5/30/2024 12:55:32] StartMonth=0

[5/30/2024 12:55:33] StartDay=0

[5/30/2024 12:55:33] StartHour=0.000

[5/30/2024 12:55:33] EndYear=0

[5/30/2024 12:55:33] EndMonth=0

[5/30/2024 12:55:33] EndDay=0

[5/30/2024 12:55:33] EndHour=30.000

[5/30/2024 12:55:33] HotstartYear=0

[5/30/2024 12:55:33] HotstartMonth=0

[5/30/2024 12:55:33] HotstartDay=0

[5/30/2024 12:55:33] HotstartHour=0.000

[5/30/2024 12:55:33] MinCalc\_Hydrology=60.000

[5/30/2024 12:55:33] MinCalc\_Hydraulics=0.100

[5/30/2024 12:55:33] MaxCalc\_Hydraulics=30.000

[5/30/2024 12:55:33] MinCalc\_Groundwater=900.000

[5/30/2024 12:55:33] RainfallSet=

[5/30/2024 12:55:33] RefETSet=

[5/30/2024 12:55:33] UnitHydSet=

[5/30/2024 12:55:33] BndStageSet=2.36ft

[5/30/2024 12:55:33] ExHydSet=

[5/30/2024 12:55:33] CurveNumSet=

[5/30/2024 12:55:33] GreenAmptSet=

[5/30/2024 12:55:33] VertLayerSet=

[5/30/2024 12:55:33] ImpervSet=

[5/30/2024 12:55:33] RoughnessSet=

[5/30/2024 12:55:33] CropCoefSet=

[5/30/2024 12:55:33] PorosSet=

[5/30/2024 12:55:33] ConductSet=

[5/30/2024 12:55:33] LeakageSet=

[5/30/2024 12:55:33] TimeMarching=0

[5/30/2024 12:55:33] MaxIterations=6

[5/30/2024 12:55:33] OverRelaxWeightFactor=0.500

[5/30/2024 12:55:34] dZTolerance=0.001

[5/30/2024 12:55:34] MaxdZ=1.000

[5/30/2024 12:55:34] LinkOptTol=0.000

[5/30/2024 12:55:34] EdgeLengthOpt=0

[5/30/2024 12:55:34] EdgeLengthFactor=0.667

[5/30/2024 12:55:34] DefaultDampThresh2d=0.005

[5/30/2024 12:55:34] MinSurfArea2d=100.000

[5/30/2024 12:55:34] EnergySwitch2d=1

[5/30/2024 12:55:34] IaTime=24.000

[5/30/2024 12:55:34] IncludeETManBasns=167379200

[5/30/2024 12:55:34] VertLayerSoln=0

[5/30/2024 12:55:34] RainOptManBasns=1

[5/30/2024 12:55:34] RainOptOF=1

[5/30/2024 12:55:34] RainName=~FLMOD

[5/30/2024 12:55:34] RainAmount=7.060

[5/30/2024 12:55:34] StormDur=24.000

[5/30/2024 12:55:34] DefaultDampThresh1D=0.005

[5/30/2024 12:55:34] MinNodeSurfArea1D=100.000

[5/30/2024 12:55:34] EnergySwitch1D=1

[5/30/2024 12:55:34] Comment=

[5/30/2024 12:55:34] 7 threads [8 cores detected]

[5/30/2024 12:55:34] SolutionMethod=SAOR

[5/30/2024 12:55:34] No \_ET.TXT

[5/30/2024 12:55:35] No \_EV.TXT

[5/30/2024 12:55:35] Reading Operating Tables

[5/30/2024 12:55:35] Reading Cross Sections

[5/30/2024 12:55:35] Reading 1D Nodes

[5/30/2024 12:55:35] Reading Overland Flow Nodes

[5/30/2024 12:55:36] Reading 1D Channels

[5/30/2024 12:55:36] Setting up channel ghost nodes

[5/30/2024 12:55:36] Reading Pipes

[5/30/2024 12:55:36] Reading Rating Curves

[5/30/2024 12:55:36] Reading Weirs

[5/30/2024 12:55:36] Reading Drop Structures

[5/30/2024 12:55:36] Reading Breaches

[5/30/2024 12:55:36] Reading Percs

[5/30/2024 12:55:36] Reading Overland Flow Channels

[5/30/2024 12:55:36] Reading Overland Flow Weirs

[5/30/2024 12:55:36] Setting up ghost nodes

[5/30/2024 12:55:36] Reading Manual Basins

[5/30/2024 12:55:36] Reading Overland Flow Basins

[5/30/2024 12:55:37] Sorting basins

[5/30/2024 12:55:37] Reading Basin Features

[5/30/2024 12:55:37] Reading Groundwater

[5/30/2024 12:55:37] Initializing threads

[5/30/2024 12:55:37] Build Complete

[5/30/2024 12:55:37] Total basin area=32.268

[5/30/2024 12:55:37] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/30/2024 12:55:37]

[5/30/2024 12:55:37] --- Hydrology Counts -----------------------------------------------

[5/30/2024 12:55:37] Total Basin = 41

[5/30/2024 12:55:37] Direct Basin = 0

[5/30/2024 12:55:37] Manual NRCS Basin = 0

[5/30/2024 12:55:37] Manual SB Basin = 0

[5/30/2024 12:55:37] Mapped NRCS Basin = 0

[5/30/2024 12:55:37] Mapped SB Basin = 0

[5/30/2024 12:55:37] Simple NRCS Basin = 41

[5/30/2024 12:55:37] Simple SB Basin = 0

[5/30/2024 12:55:38] Total Basin Polygon = 41

[5/30/2024 12:55:38] Manual Basin Polygon = 0

[5/30/2024 12:55:38] Mapped Basin Polygon = 0

[5/30/2024 12:55:38] 2D Basin Polygon = 0

[5/30/2024 12:55:38] Crop = 0

[5/30/2024 12:55:38] Reference ET = 0

[5/30/2024 12:55:38] Rainfall = 1

[5/30/2024 12:55:38] Green Ampt Parameter = 0

[5/30/2024 12:55:38] Vert Layer Parameter = 0

[5/30/2024 12:55:38] Curve Number Parameter = 42

[5/30/2024 12:55:38] Imperviousness = 42

[5/30/2024 12:55:38]

[5/30/2024 12:55:38] --- Routing Counts -------------------------------------------------

[5/30/2024 12:55:38] Region = 0

[5/30/2024 12:55:38] Total Node = 69

[5/30/2024 12:55:38] 1D Stage Area = 65

[5/30/2024 12:55:38] 1D Time Stage = 4

[5/30/2024 12:55:39] 1D Drop Nodes = 0

[5/30/2024 12:55:39] 2D Stage Area = 0

[5/30/2024 12:55:39] 2D Time Stage = 0

[5/30/2024 12:55:39] 2D Pond Ghost = 0

[5/30/2024 12:55:39] 2D Chan Ghost = 0

[5/30/2024 12:55:39] 1D/2D Node Interfaces = 0

[5/30/2024 12:55:39] 1D/2D Injection Wells = 0

[5/30/2024 12:55:39] Total Link = 124

[5/30/2024 12:55:39] 1D Pipe = 40

[5/30/2024 12:55:39] 1D Drop Structure = 2

[5/30/2024 12:55:39] 1D French Drain = 0

[5/30/2024 12:55:39] 1D Channel = 0

[5/30/2024 12:55:39] 2D Channel = 0

[5/30/2024 12:55:39] 1D Weir = 78

[5/30/2024 12:55:39] 1D Drop Weir = 2

[5/30/2024 12:55:39] 2D Weir = 0

[5/30/2024 12:55:40] 1D Rating Curve = 2

[5/30/2024 12:55:40] 1D Percolation = 0

[5/30/2024 12:55:40] Cross Section = 56

[5/30/2024 12:55:40] Operating Table = 2

[5/30/2024 12:55:40]

[5/30/2024 12:55:40] --- Groundwater Counts ---------------------------------------------

[5/30/2024 12:55:40] Region = 0

[5/30/2024 12:55:40] Triangle = 0

[5/30/2024 12:55:41] Vertex = 0

[5/30/2024 12:55:41] Midpoint = 0

[5/30/2024 12:55:41] --------------------------------------------------------------------

[5/30/2024 12:55:41]

[5/30/2024 12:55:41] Processing Initial Link Flows...

[5/30/2024 12:55:41] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 12:55:41] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:41] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:41] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:41] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:42] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:42] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:42] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:42] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:43] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:55:43] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:43] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:55:43] Node N-S08 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:43] Node N-S11 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:43] Node N-S07 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:43] Node N-S12 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:44] Node N-S05 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:51] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:51] Node N-S04 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:51] Node N-S03 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:51] Node N-S01 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:51] Node N-S02 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:52] Node N-S06 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:52] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:55:57] Node N-S02A caused a revert (this will only be logged once per node)

[5/30/2024 12:55:58] Node N-S01A caused a revert (this will only be logged once per node)

[5/30/2024 12:56:14] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:56:14] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:56:15] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:56:16] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:56:16] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:57:09] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:57:11] Conduit Optimizer Total Count=20219233 of 24771600

[5/30/2024 12:57:11] PC busted 78 of 300021

[5/30/2024 12:57:11] Average Iterations was 1.064

[5/30/2024 12:57:11] Average dt was 0.37463 sec

[5/30/2024 12:57:11] Revert count=11716

[5/30/2024 12:57:11]

[5/30/2024 12:57:11] ---- Timers -----------------------------

[5/30/2024 12:57:11] Total Time=89.756 sec

[5/30/2024 12:57:11] Basin Time=0.033 sec

[5/30/2024 12:57:11] BasinPoly Time=0.007 sec

[5/30/2024 12:57:11] Node Time=8.513 sec

[5/30/2024 12:57:11] Link Time=75.008 sec

[5/30/2024 12:57:11] Hydrology Output Time=0.917 sec

[5/30/2024 12:57:12] Groundwater Output Time=0.002 sec

[5/30/2024 12:57:12] Routing Output Time=1.315 sec

[5/30/2024 12:57:12] --- Thread Timers --------------------

[5/30/2024 12:57:12] Thread[0] Basin Time=0.029 sec

[5/30/2024 12:57:12] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 12:57:12] Thread[0] Node Time=1.246 sec

[5/30/2024 12:57:12] Thread[0] Link Time=50.569 sec

[5/30/2024 12:57:12] --- Thread Timers --------------------

[5/30/2024 12:57:12] Thread[1] Basin Time=0.018 sec

[5/30/2024 12:57:12] Thread[1] BasinPoly Time=0.003 sec

[5/30/2024 12:57:12] Thread[1] Node Time=1.298 sec

[5/30/2024 12:57:12] Thread[1] Link Time=51.596 sec

[5/30/2024 12:57:12] --- Thread Timers --------------------

[5/30/2024 12:57:13] Thread[2] Basin Time=0.020 sec

[5/30/2024 12:57:13] Thread[2] BasinPoly Time=0.003 sec

[5/30/2024 12:57:13] Thread[2] Node Time=1.302 sec

[5/30/2024 12:57:13] Thread[2] Link Time=41.374 sec

[5/30/2024 12:57:13] --- Thread Timers --------------------

[5/30/2024 12:57:13] Thread[3] Basin Time=0.017 sec

[5/30/2024 12:57:13] Thread[3] BasinPoly Time=0.003 sec

[5/30/2024 12:57:13] Thread[3] Node Time=1.326 sec

[5/30/2024 12:57:13] Thread[3] Link Time=48.381 sec

[5/30/2024 12:57:13] --- Thread Timers --------------------

[5/30/2024 12:57:14] Thread[4] Basin Time=0.017 sec

[5/30/2024 12:57:14] Thread[4] BasinPoly Time=0.003 sec

[5/30/2024 12:57:14] Thread[4] Node Time=1.240 sec

[5/30/2024 12:57:14] Thread[4] Link Time=46.878 sec

[5/30/2024 12:57:14] --- Thread Timers --------------------

[5/30/2024 12:57:14] Thread[5] Basin Time=0.020 sec

[5/30/2024 12:57:14] Thread[5] BasinPoly Time=0.002 sec

[5/30/2024 12:57:14] Thread[5] Node Time=1.242 sec

[5/30/2024 12:57:15] Thread[5] Link Time=44.483 sec

[5/30/2024 12:57:15] --- Thread Timers --------------------

[5/30/2024 12:57:15] Thread[6] Basin Time=0.016 sec

[5/30/2024 12:57:15] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 12:57:15] Thread[6] Node Time=1.102 sec

[5/30/2024 12:57:15] Thread[6] Link Time=59.004 sec