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

threads=-1

batch=4 of 36

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

nextsim=C:\Work Space\norton\Scenarios\Sc24\Simulations\Si28\

[5/30/2024 12:40:20] C:\Work Space\norton\Scenarios\Sc24\Simulations\Si43\echo.i4p

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

[5/30/2024 12:40:20] Simulation=10YR24HR-2.36ft

[5/30/2024 12:40:20] RunMode=0

[5/30/2024 12:40:21] HotStart=0

[5/30/2024 12:40:21] SaveRestart=0

[5/30/2024 12:40:21] StartYear=0

[5/30/2024 12:40:21] StartMonth=0

[5/30/2024 12:40:21] StartDay=0

[5/30/2024 12:40:21] StartHour=0.000

[5/30/2024 12:40:21] EndYear=0

[5/30/2024 12:40:21] EndMonth=0

[5/30/2024 12:40:21] EndDay=0

[5/30/2024 12:40:21] EndHour=30.000

[5/30/2024 12:40:21] HotstartYear=0

[5/30/2024 12:40:21] HotstartMonth=0

[5/30/2024 12:40:21] HotstartDay=0

[5/30/2024 12:40:21] HotstartHour=0.000

[5/30/2024 12:40:21] MinCalc\_Hydrology=60.000

[5/30/2024 12:40:21] MinCalc\_Hydraulics=0.100

[5/30/2024 12:40:21] MaxCalc\_Hydraulics=30.000

[5/30/2024 12:40:21] MinCalc\_Groundwater=900.000

[5/30/2024 12:40:21] RainfallSet=

[5/30/2024 12:40:21] RefETSet=

[5/30/2024 12:40:21] UnitHydSet=

[5/30/2024 12:40:21] BndStageSet=2.36ft

[5/30/2024 12:40:21] ExHydSet=

[5/30/2024 12:40:21] CurveNumSet=

[5/30/2024 12:40:21] GreenAmptSet=

[5/30/2024 12:40:21] VertLayerSet=

[5/30/2024 12:40:21] ImpervSet=

[5/30/2024 12:40:21] RoughnessSet=

[5/30/2024 12:40:21] CropCoefSet=

[5/30/2024 12:40:21] PorosSet=

[5/30/2024 12:40:21] ConductSet=

[5/30/2024 12:40:22] LeakageSet=

[5/30/2024 12:40:22] TimeMarching=0

[5/30/2024 12:40:22] MaxIterations=6

[5/30/2024 12:40:22] OverRelaxWeightFactor=0.500

[5/30/2024 12:40:22] dZTolerance=0.001

[5/30/2024 12:40:22] MaxdZ=1.000

[5/30/2024 12:40:22] LinkOptTol=0.000

[5/30/2024 12:40:22] EdgeLengthOpt=0

[5/30/2024 12:40:22] EdgeLengthFactor=0.667

[5/30/2024 12:40:22] DefaultDampThresh2d=0.005

[5/30/2024 12:40:22] MinSurfArea2d=100.000

[5/30/2024 12:40:22] EnergySwitch2d=1

[5/30/2024 12:40:22] IaTime=24.000

[5/30/2024 12:40:22] IncludeETManBasns=0

[5/30/2024 12:40:22] VertLayerSoln=0

[5/30/2024 12:40:22] RainOptManBasns=1

[5/30/2024 12:40:22] RainOptOF=1

[5/30/2024 12:40:22] RainName=~FLMOD

[5/30/2024 12:40:22] RainAmount=7.060

[5/30/2024 12:40:22] StormDur=24.000

[5/30/2024 12:40:22] DefaultDampThresh1D=0.005

[5/30/2024 12:40:22] MinNodeSurfArea1D=100.000

[5/30/2024 12:40:22] EnergySwitch1D=1

[5/30/2024 12:40:22] Comment=

[5/30/2024 12:40:22] 7 threads [8 cores detected]

[5/30/2024 12:40:22] SolutionMethod=SAOR

[5/30/2024 12:40:23] No \_ET.TXT

[5/30/2024 12:40:23] No \_EV.TXT

[5/30/2024 12:40:23] Reading Operating Tables

[5/30/2024 12:40:23] Reading Cross Sections

[5/30/2024 12:40:24] Reading 1D Nodes

[5/30/2024 12:40:24] Reading Overland Flow Nodes

[5/30/2024 12:40:24] Reading 1D Channels

[5/30/2024 12:40:25] Setting up channel ghost nodes

[5/30/2024 12:40:25] Reading Pipes

[5/30/2024 12:40:25] Reading Rating Curves

[5/30/2024 12:40:25] Reading Weirs

[5/30/2024 12:40:25] Reading Drop Structures

[5/30/2024 12:40:26] Reading Breaches

[5/30/2024 12:40:26] Reading Percs

[5/30/2024 12:40:26] Reading Overland Flow Channels

[5/30/2024 12:40:26] Reading Overland Flow Weirs

[5/30/2024 12:40:26] Setting up ghost nodes

[5/30/2024 12:40:26] Reading Manual Basins

[5/30/2024 12:40:26] Reading Overland Flow Basins

[5/30/2024 12:40:26] Sorting basins

[5/30/2024 12:40:27] Reading Basin Features

[5/30/2024 12:40:27] Reading Groundwater

[5/30/2024 12:40:27] Initializing threads

[5/30/2024 12:40:27] Build Complete

[5/30/2024 12:40:27] Total basin area=32.268

[5/30/2024 12:40:27] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/30/2024 12:40:27]

[5/30/2024 12:40:27] --- Hydrology Counts -----------------------------------------------

[5/30/2024 12:40:27] Total Basin = 41

[5/30/2024 12:40:27] Direct Basin = 0

[5/30/2024 12:40:27] Manual NRCS Basin = 0

[5/30/2024 12:40:27] Manual SB Basin = 0

[5/30/2024 12:40:28] Mapped NRCS Basin = 0

[5/30/2024 12:40:28] Mapped SB Basin = 0

[5/30/2024 12:40:28] Simple NRCS Basin = 41

[5/30/2024 12:40:28] Simple SB Basin = 0

[5/30/2024 12:40:28] Total Basin Polygon = 41

[5/30/2024 12:40:28] Manual Basin Polygon = 0

[5/30/2024 12:40:29] Mapped Basin Polygon = 0

[5/30/2024 12:40:29] 2D Basin Polygon = 0

[5/30/2024 12:40:29] Crop = 0

[5/30/2024 12:40:29] Reference ET = 0

[5/30/2024 12:40:29] Rainfall = 1

[5/30/2024 12:40:29] Green Ampt Parameter = 0

[5/30/2024 12:40:29] Vert Layer Parameter = 0

[5/30/2024 12:40:29] Curve Number Parameter = 42

[5/30/2024 12:40:29] Imperviousness = 42

[5/30/2024 12:40:29]

[5/30/2024 12:40:29] --- Routing Counts -------------------------------------------------

[5/30/2024 12:40:29] Region = 0

[5/30/2024 12:40:29] Total Node = 69

[5/30/2024 12:40:30] 1D Stage Area = 65

[5/30/2024 12:40:30] 1D Time Stage = 4

[5/30/2024 12:40:30] 1D Drop Nodes = 0

[5/30/2024 12:40:30] 2D Stage Area = 0

[5/30/2024 12:40:30] 2D Time Stage = 0

[5/30/2024 12:40:30] 2D Pond Ghost = 0

[5/30/2024 12:40:31] 2D Chan Ghost = 0

[5/30/2024 12:40:31] 1D/2D Node Interfaces = 0

[5/30/2024 12:40:31] 1D/2D Injection Wells = 0

[5/30/2024 12:40:31] Total Link = 122

[5/30/2024 12:40:31] 1D Pipe = 40

[5/30/2024 12:40:31] 1D Drop Structure = 2

[5/30/2024 12:40:31] 1D French Drain = 0

[5/30/2024 12:40:31] 1D Channel = 0

[5/30/2024 12:40:31] 2D Channel = 0

[5/30/2024 12:40:31] 1D Weir = 78

[5/30/2024 12:40:31] 1D Drop Weir = 2

[5/30/2024 12:40:32] 2D Weir = 0

[5/30/2024 12:40:32] 1D Rating Curve = 0

[5/30/2024 12:40:32] 1D Percolation = 0

[5/30/2024 12:40:32] Cross Section = 56

[5/30/2024 12:40:32] Operating Table = 0

[5/30/2024 12:40:32]

[5/30/2024 12:40:32] --- Groundwater Counts ---------------------------------------------

[5/30/2024 12:40:32] Region = 0

[5/30/2024 12:40:32] Triangle = 0

[5/30/2024 12:40:32] Vertex = 0

[5/30/2024 12:40:32] Midpoint = 0

[5/30/2024 12:40:32] --------------------------------------------------------------------

[5/30/2024 12:40:32]

[5/30/2024 12:40:32] Processing Initial Link Flows...

[5/30/2024 12:40:33] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 12:40:33] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:33] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:33] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:33] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:34] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:34] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:34] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:34] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:34] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:40:34] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:34] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:40:35] Node N-S08 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:35] Node N-S11 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:35] Node N-S07 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:35] Node N-S12 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:35] Node N-S05 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:41] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:45] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:45] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:45] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:45] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:45] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:46] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:40:46] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:41:05] Node N-S04 caused a revert (this will only be logged once per node)

[5/30/2024 12:41:24] Node N-S03 caused a revert (this will only be logged once per node)

[5/30/2024 12:41:25] Node N-S06 caused a revert (this will only be logged once per node)

[5/30/2024 12:41:25] Node N-S01 caused a revert (this will only be logged once per node)

[5/30/2024 12:41:25] Conduit Optimizer Total Count=16521233 of 19175760

[5/30/2024 12:41:25] PC busted 82 of 209153

[5/30/2024 12:41:25] Average Iterations was 1.292

[5/30/2024 12:41:25] Average dt was 0.54201 sec

[5/30/2024 12:41:25] Revert count=9889

[5/30/2024 12:41:26]

[5/30/2024 12:41:26] ---- Timers -----------------------------

[5/30/2024 12:41:26] Total Time=52.718 sec

[5/30/2024 12:41:26] Basin Time=0.029 sec

[5/30/2024 12:41:26] BasinPoly Time=0.005 sec

[5/30/2024 12:41:26] Node Time=1.905 sec

[5/30/2024 12:41:26] Link Time=44.918 sec

[5/30/2024 12:41:26] Hydrology Output Time=0.790 sec

[5/30/2024 12:41:26] Groundwater Output Time=0.002 sec

[5/30/2024 12:41:26] Routing Output Time=1.304 sec

[5/30/2024 12:41:26] --- Thread Timers --------------------

[5/30/2024 12:41:26] Thread[0] Basin Time=0.027 sec

[5/30/2024 12:41:26] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 12:41:26] Thread[0] Node Time=0.940 sec

[5/30/2024 12:41:26] Thread[0] Link Time=29.910 sec

[5/30/2024 12:41:27] --- Thread Timers --------------------

[5/30/2024 12:41:27] Thread[1] Basin Time=0.017 sec

[5/30/2024 12:41:27] Thread[1] BasinPoly Time=0.002 sec

[5/30/2024 12:41:27] Thread[1] Node Time=0.945 sec

[5/30/2024 12:41:27] Thread[1] Link Time=34.317 sec

[5/30/2024 12:41:27] --- Thread Timers --------------------

[5/30/2024 12:41:27] Thread[2] Basin Time=0.019 sec

[5/30/2024 12:41:27] Thread[2] BasinPoly Time=0.003 sec

[5/30/2024 12:41:27] Thread[2] Node Time=0.957 sec

[5/30/2024 12:41:27] Thread[2] Link Time=21.628 sec

[5/30/2024 12:41:27] --- Thread Timers --------------------

[5/30/2024 12:41:27] Thread[3] Basin Time=0.018 sec

[5/30/2024 12:41:28] Thread[3] BasinPoly Time=0.002 sec

[5/30/2024 12:41:28] Thread[3] Node Time=0.999 sec

[5/30/2024 12:41:28] Thread[3] Link Time=19.847 sec

[5/30/2024 12:41:28] --- Thread Timers --------------------

[5/30/2024 12:41:28] Thread[4] Basin Time=0.016 sec

[5/30/2024 12:41:28] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 12:41:28] Thread[4] Node Time=0.896 sec

[5/30/2024 12:41:28] Thread[4] Link Time=28.224 sec

[5/30/2024 12:41:28] --- Thread Timers --------------------

[5/30/2024 12:41:29] Thread[5] Basin Time=0.019 sec

[5/30/2024 12:41:29] Thread[5] BasinPoly Time=0.002 sec

[5/30/2024 12:41:29] Thread[5] Node Time=0.874 sec

[5/30/2024 12:41:29] Thread[5] Link Time=24.371 sec

[5/30/2024 12:41:29] --- Thread Timers --------------------

[5/30/2024 12:41:29] Thread[6] Basin Time=0.015 sec

[5/30/2024 12:41:29] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 12:41:29] Thread[6] Node Time=0.795 sec

[5/30/2024 12:41:30] Thread[6] Link Time=31.684 sec