[5/30/2024 12:43:23]

threads=-1

batch=7 of 36

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

nextsim=C:\Work Space\norton\Scenarios\Sc24\Simulations\Si30\

[5/30/2024 12:43:23] C:\Work Space\norton\Scenarios\Sc24\Simulations\Si26\echo.i4p

[5/30/2024 12:43:24] Reading Simulation

[5/30/2024 12:43:24] Simulation=25YR24HR

[5/30/2024 12:43:24] RunMode=1819849216

[5/30/2024 12:43:24] HotStart=0

[5/30/2024 12:43:24] SaveRestart=0

[5/30/2024 12:43:24] StartYear=0

[5/30/2024 12:43:24] StartMonth=0

[5/30/2024 12:43:24] StartDay=0

[5/30/2024 12:43:24] StartHour=0.000

[5/30/2024 12:43:24] EndYear=0

[5/30/2024 12:43:24] EndMonth=0

[5/30/2024 12:43:24] EndDay=0

[5/30/2024 12:43:24] EndHour=30.000

[5/30/2024 12:43:24] HotstartYear=0

[5/30/2024 12:43:24] HotstartMonth=0

[5/30/2024 12:43:24] HotstartDay=0

[5/30/2024 12:43:24] HotstartHour=0.000

[5/30/2024 12:43:24] MinCalc\_Hydrology=60.000

[5/30/2024 12:43:24] MinCalc\_Hydraulics=0.100

[5/30/2024 12:43:24] MaxCalc\_Hydraulics=30.000

[5/30/2024 12:43:24] MinCalc\_Groundwater=900.000

[5/30/2024 12:43:24] RainfallSet=

[5/30/2024 12:43:24] RefETSet=

[5/30/2024 12:43:24] UnitHydSet=

[5/30/2024 12:43:24] BndStageSet=MHHWL

[5/30/2024 12:43:24] ExHydSet=

[5/30/2024 12:43:24] CurveNumSet=

[5/30/2024 12:43:24] GreenAmptSet=

[5/30/2024 12:43:24] VertLayerSet=

[5/30/2024 12:43:25] ImpervSet=

[5/30/2024 12:43:25] RoughnessSet=

[5/30/2024 12:43:25] CropCoefSet=

[5/30/2024 12:43:25] PorosSet=

[5/30/2024 12:43:25] ConductSet=

[5/30/2024 12:43:25] LeakageSet=

[5/30/2024 12:43:25] TimeMarching=0

[5/30/2024 12:43:25] MaxIterations=6

[5/30/2024 12:43:25] OverRelaxWeightFactor=0.500

[5/30/2024 12:43:25] dZTolerance=0.001

[5/30/2024 12:43:25] MaxdZ=1.000

[5/30/2024 12:43:25] LinkOptTol=0.000

[5/30/2024 12:43:25] EdgeLengthOpt=0

[5/30/2024 12:43:25] EdgeLengthFactor=0.667

[5/30/2024 12:43:25] DefaultDampThresh2d=0.005

[5/30/2024 12:43:25] MinSurfArea2d=100.000

[5/30/2024 12:43:25] EnergySwitch2d=1

[5/30/2024 12:43:25] IaTime=24.000

[5/30/2024 12:43:25] IncludeETManBasns=0

[5/30/2024 12:43:25] VertLayerSoln=0

[5/30/2024 12:43:25] RainOptManBasns=1

[5/30/2024 12:43:25] RainOptOF=1

[5/30/2024 12:43:25] RainName=~FLMOD

[5/30/2024 12:43:25] RainAmount=8.880

[5/30/2024 12:43:25] StormDur=24.000

[5/30/2024 12:43:25] DefaultDampThresh1D=0.005

[5/30/2024 12:43:25] MinNodeSurfArea1D=100.000

[5/30/2024 12:43:25] EnergySwitch1D=1

[5/30/2024 12:43:26] Comment=

[5/30/2024 12:43:26] 7 threads [8 cores detected]

[5/30/2024 12:43:26] SolutionMethod=SAOR

[5/30/2024 12:43:26] No \_ET.TXT

[5/30/2024 12:43:26] No \_EV.TXT

[5/30/2024 12:43:26] Reading Operating Tables

[5/30/2024 12:43:26] Reading Cross Sections

[5/30/2024 12:43:26] Reading 1D Nodes

[5/30/2024 12:43:26] Reading Overland Flow Nodes

[5/30/2024 12:43:27] Reading 1D Channels

[5/30/2024 12:43:27] Setting up channel ghost nodes

[5/30/2024 12:43:27] Reading Pipes

[5/30/2024 12:43:27] Reading Rating Curves

[5/30/2024 12:43:27] Reading Weirs

[5/30/2024 12:43:27] Reading Drop Structures

[5/30/2024 12:43:27] Reading Breaches

[5/30/2024 12:43:27] Reading Percs

[5/30/2024 12:43:27] Reading Overland Flow Channels

[5/30/2024 12:43:27] Reading Overland Flow Weirs

[5/30/2024 12:43:27] Setting up ghost nodes

[5/30/2024 12:43:27] Reading Manual Basins

[5/30/2024 12:43:28] Reading Overland Flow Basins

[5/30/2024 12:43:28] Sorting basins

[5/30/2024 12:43:28] Reading Basin Features

[5/30/2024 12:43:28] Reading Groundwater

[5/30/2024 12:43:28] Hooking groundwater up to overland flow meshes

[5/30/2024 12:43:28] Initializing threads

[5/30/2024 12:43:28] Build Complete

[5/30/2024 12:43:28] Total basin area=32.268

[5/30/2024 12:43:28] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/30/2024 12:43:28]

[5/30/2024 12:43:28] --- Hydrology Counts -----------------------------------------------

[5/30/2024 12:43:28] Total Basin = 41

[5/30/2024 12:43:28] Direct Basin = 0

[5/30/2024 12:43:28] Manual NRCS Basin = 0

[5/30/2024 12:43:29] Manual SB Basin = 0

[5/30/2024 12:43:29] Mapped NRCS Basin = 0

[5/30/2024 12:43:29] Mapped SB Basin = 0

[5/30/2024 12:43:29] Simple NRCS Basin = 41

[5/30/2024 12:43:29] Simple SB Basin = 0

[5/30/2024 12:43:30] Total Basin Polygon = 41

[5/30/2024 12:43:30] Manual Basin Polygon = 0

[5/30/2024 12:43:30] Mapped Basin Polygon = 0

[5/30/2024 12:43:30] 2D Basin Polygon = 0

[5/30/2024 12:43:30] Crop = 0

[5/30/2024 12:43:30] Reference ET = 0

[5/30/2024 12:43:30] Rainfall = 1

[5/30/2024 12:43:30] Green Ampt Parameter = 0

[5/30/2024 12:43:30] Vert Layer Parameter = 0

[5/30/2024 12:43:30] Curve Number Parameter = 42

[5/30/2024 12:43:30] Imperviousness = 42

[5/30/2024 12:43:30]

[5/30/2024 12:43:30] --- Routing Counts -------------------------------------------------

[5/30/2024 12:43:30] Region = 0

[5/30/2024 12:43:31] Total Node = 69

[5/30/2024 12:43:31] 1D Stage Area = 65

[5/30/2024 12:43:31] 1D Time Stage = 4

[5/30/2024 12:43:31] 1D Drop Nodes = 0

[5/30/2024 12:43:31] 2D Stage Area = 0

[5/30/2024 12:43:31] 2D Time Stage = 0

[5/30/2024 12:43:31] 2D Pond Ghost = 0

[5/30/2024 12:43:31] 2D Chan Ghost = 0

[5/30/2024 12:43:31] 1D/2D Node Interfaces = 0

[5/30/2024 12:43:31] 1D/2D Injection Wells = 0

[5/30/2024 12:43:31] Total Link = 122

[5/30/2024 12:43:31] 1D Pipe = 40

[5/30/2024 12:43:31] 1D Drop Structure = 2

[5/30/2024 12:43:31] 1D French Drain = 0

[5/30/2024 12:43:31] 1D Channel = 0

[5/30/2024 12:43:31] 2D Channel = 0

[5/30/2024 12:43:32] 1D Weir = 78

[5/30/2024 12:43:32] 1D Drop Weir = 2

[5/30/2024 12:43:32] 2D Weir = 0

[5/30/2024 12:43:32] 1D Rating Curve = 0

[5/30/2024 12:43:32] 1D Percolation = 0

[5/30/2024 12:43:32] Cross Section = 56

[5/30/2024 12:43:32] Operating Table = 0

[5/30/2024 12:43:32]

[5/30/2024 12:43:32] --- Groundwater Counts ---------------------------------------------

[5/30/2024 12:43:32] Region = 0

[5/30/2024 12:43:32] Triangle = 0

[5/30/2024 12:43:33] Vertex = 0

[5/30/2024 12:43:33] Midpoint = 0

[5/30/2024 12:43:33] --------------------------------------------------------------------

[5/30/2024 12:43:33]

[5/30/2024 12:43:34] Processing Initial Link Flows...

[5/30/2024 12:43:34] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 12:43:34] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:34] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:34] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:34] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:34] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:43:34] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:34] Node N-S05 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:34] Node N-S07 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:34] Node N-S08 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:35] Node N-S11 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:35] Node N-S12 caused a revert (this will only be logged once per node)

[5/30/2024 12:43:35] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:43:52] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:02] Node N-DN-03 caused a revert (this will only be logged once per node)

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

[5/30/2024 12:44:02] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:02] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:02] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:03] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:03] Node N-S02A caused a revert (this will only be logged once per node)

[5/30/2024 12:44:03] Node N-S06 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:03] Node N-S01A caused a revert (this will only be logged once per node)

[5/30/2024 12:44:04] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:04] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:04] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:04] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:04] Node N-S02 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:04] Node N-S01 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:04] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/30/2024 12:44:04] Node N-GHS-01 caused a revert (this will only be logged once per node)

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

[5/30/2024 12:44:06] Node N-S03 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:06] Node N-S04 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:07] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:08] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:08] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:13] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:44:14] Node N-BV-01 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:14] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/30/2024 12:44:26] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/30/2024 12:44:45] Conduit Optimizer Total Count=24417616 of 28647480

[5/30/2024 12:44:46] PC busted 58 of 323127

[5/30/2024 12:44:46] Average Iterations was 1.216

[5/30/2024 12:44:46] Average dt was 0.35105 sec

[5/30/2024 12:44:46] Revert count=15442

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

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

[5/30/2024 12:44:46] Total Time=71.932 sec

[5/30/2024 12:44:46] Basin Time=0.031 sec

[5/30/2024 12:44:46] BasinPoly Time=0.004 sec

[5/30/2024 12:44:46] Node Time=2.895 sec

[5/30/2024 12:44:46] Link Time=62.053 sec

[5/30/2024 12:44:47] Hydrology Output Time=0.700 sec

[5/30/2024 12:44:47] Groundwater Output Time=0.063 sec

[5/30/2024 12:44:47] Routing Output Time=1.724 sec

[5/30/2024 12:44:47] --- Thread Timers --------------------

[5/30/2024 12:44:47] Thread[0] Basin Time=0.028 sec

[5/30/2024 12:44:47] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 12:44:47] Thread[0] Node Time=1.398 sec

[5/30/2024 12:44:47] Thread[0] Link Time=44.314 sec

[5/30/2024 12:44:47] --- Thread Timers --------------------

[5/30/2024 12:44:47] Thread[1] Basin Time=0.018 sec

[5/30/2024 12:44:47] Thread[1] BasinPoly Time=0.002 sec

[5/30/2024 12:44:48] Thread[1] Node Time=1.406 sec

[5/30/2024 12:44:48] Thread[1] Link Time=48.481 sec

[5/30/2024 12:44:48] --- Thread Timers --------------------

[5/30/2024 12:44:48] Thread[2] Basin Time=0.019 sec

[5/30/2024 12:44:48] Thread[2] BasinPoly Time=0.003 sec

[5/30/2024 12:44:48] Thread[2] Node Time=1.428 sec

[5/30/2024 12:44:49] Thread[2] Link Time=34.641 sec

[5/30/2024 12:44:49] --- Thread Timers --------------------

[5/30/2024 12:44:49] Thread[3] Basin Time=0.018 sec

[5/30/2024 12:44:49] Thread[3] BasinPoly Time=0.003 sec

[5/30/2024 12:44:49] Thread[3] Node Time=1.458 sec

[5/30/2024 12:44:49] Thread[3] Link Time=33.059 sec

[5/30/2024 12:44:49] --- Thread Timers --------------------

[5/30/2024 12:44:50] Thread[4] Basin Time=0.016 sec

[5/30/2024 12:44:50] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 12:44:50] Thread[4] Node Time=1.353 sec

[5/30/2024 12:44:50] Thread[4] Link Time=43.639 sec

[5/30/2024 12:44:50] --- Thread Timers --------------------

[5/30/2024 12:44:50] Thread[5] Basin Time=0.020 sec

[5/30/2024 12:44:50] Thread[5] BasinPoly Time=0.003 sec

[5/30/2024 12:44:50] Thread[5] Node Time=1.297 sec

[5/30/2024 12:44:51] Thread[5] Link Time=38.936 sec

[5/30/2024 12:44:51] --- Thread Timers --------------------

[5/30/2024 12:44:51] Thread[6] Basin Time=0.016 sec

[5/30/2024 12:44:51] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 12:44:51] Thread[6] Node Time=1.218 sec

[5/30/2024 12:44:51] Thread[6] Link Time=42.105 sec