[5/30/2024 13:16:51]

 threads=-1

 batch=36 of 36

 exe=

 nextsim=

[5/30/2024 13:16:51] C:\Work Space\norton\Scenarios\Sc32\Simulations\Si91\echo.i4p

[5/30/2024 13:16:52] Reading Simulation

[5/30/2024 13:16:52] Simulation=5YR24HR-2.36ft

[5/30/2024 13:16:52] RunMode=-1285342208

[5/30/2024 13:16:52] HotStart=0

[5/30/2024 13:16:52] SaveRestart=0

[5/30/2024 13:16:52] StartYear=0

[5/30/2024 13:16:52] StartMonth=0

[5/30/2024 13:16:52] StartDay=0

[5/30/2024 13:16:52] StartHour=0.000

[5/30/2024 13:16:52] EndYear=0

[5/30/2024 13:16:52] EndMonth=0

[5/30/2024 13:16:52] EndDay=0

[5/30/2024 13:16:52] EndHour=48.000

[5/30/2024 13:16:52] HotstartYear=0

[5/30/2024 13:16:52] HotstartMonth=0

[5/30/2024 13:16:52] HotstartDay=0

[5/30/2024 13:16:52] HotstartHour=0.000

[5/30/2024 13:16:52] MinCalc\_Hydrology=60.000

[5/30/2024 13:16:52] MinCalc\_Hydraulics=0.100

[5/30/2024 13:16:52] MaxCalc\_Hydraulics=30.000

[5/30/2024 13:16:52] MinCalc\_Groundwater=900.000

[5/30/2024 13:16:52] RainfallSet=

[5/30/2024 13:16:52] RefETSet=

[5/30/2024 13:16:52] UnitHydSet=

[5/30/2024 13:16:52] BndStageSet=2.36ft

[5/30/2024 13:16:52] ExHydSet=

[5/30/2024 13:16:52] CurveNumSet=

[5/30/2024 13:16:52] GreenAmptSet=

[5/30/2024 13:16:53] VertLayerSet=

[5/30/2024 13:16:53] ImpervSet=

[5/30/2024 13:16:53] RoughnessSet=

[5/30/2024 13:16:53] CropCoefSet=

[5/30/2024 13:16:53] PorosSet=

[5/30/2024 13:16:53] ConductSet=

[5/30/2024 13:16:53] LeakageSet=

[5/30/2024 13:16:53] TimeMarching=0

[5/30/2024 13:16:53] MaxIterations=6

[5/30/2024 13:16:53] OverRelaxWeightFactor=0.500

[5/30/2024 13:16:53] dZTolerance=0.001

[5/30/2024 13:16:53] MaxdZ=1.000

[5/30/2024 13:16:53] LinkOptTol=0.000

[5/30/2024 13:16:53] EdgeLengthOpt=0

[5/30/2024 13:16:53] EdgeLengthFactor=0.667

[5/30/2024 13:16:53] DefaultDampThresh2d=0.005

[5/30/2024 13:16:53] MinSurfArea2d=100.000

[5/30/2024 13:16:53] EnergySwitch2d=1

[5/30/2024 13:16:53] IaTime=24.000

[5/30/2024 13:16:53] IncludeETManBasns=0

[5/30/2024 13:16:53] VertLayerSoln=0

[5/30/2024 13:16:53] RainOptManBasns=1

[5/30/2024 13:16:53] RainOptOF=1

[5/30/2024 13:16:53] RainName=~FLMOD

[5/30/2024 13:16:53] RainAmount=5.940

[5/30/2024 13:16:53] StormDur=24.000

[5/30/2024 13:16:53] DefaultDampThresh1D=0.005

[5/30/2024 13:16:53] MinNodeSurfArea1D=100.000

[5/30/2024 13:16:54] EnergySwitch1D=1

[5/30/2024 13:16:54] Comment=

[5/30/2024 13:16:54] 7 threads [8 cores detected]

[5/30/2024 13:16:54] SolutionMethod=SAOR

[5/30/2024 13:16:54] No \_ET.TXT

[5/30/2024 13:16:54] No \_EV.TXT

[5/30/2024 13:16:54] Reading Operating Tables

[5/30/2024 13:16:54] Reading Cross Sections

[5/30/2024 13:16:54] Reading 1D Nodes

[5/30/2024 13:16:54] Reading Overland Flow Nodes

[5/30/2024 13:16:54] Reading 1D Channels

[5/30/2024 13:16:54] Setting up channel ghost nodes

[5/30/2024 13:16:54] Reading Pipes

[5/30/2024 13:16:55] Reading Rating Curves

[5/30/2024 13:16:55] Reading Weirs

[5/30/2024 13:16:55] Reading Drop Structures

[5/30/2024 13:16:55] Reading Breaches

[5/30/2024 13:16:55] Reading Percs

[5/30/2024 13:16:55] Reading Overland Flow Channels

[5/30/2024 13:16:55] Reading Overland Flow Weirs

[5/30/2024 13:16:55] Setting up ghost nodes

[5/30/2024 13:16:55] Reading Manual Basins

[5/30/2024 13:16:55] Reading Overland Flow Basins

[5/30/2024 13:16:55] Sorting basins

[5/30/2024 13:16:55] Reading Basin Features

[5/30/2024 13:16:56] Reading Groundwater

[5/30/2024 13:16:56] Initializing threads

[5/30/2024 13:16:56] Build Complete

[5/30/2024 13:16:56] Total basin area=32.254

[5/30/2024 13:16:56] Basins: Minarea\_ft2=20116.00800 Maxarea\_ft2=115882.66800 Avgarea\_ft2=46833.24360

[5/30/2024 13:16:56]

[5/30/2024 13:16:56] --- Hydrology Counts -----------------------------------------------

[5/30/2024 13:16:56] Total Basin = 30

[5/30/2024 13:16:56] Direct Basin = 0

[5/30/2024 13:16:56] Manual NRCS Basin = 0

[5/30/2024 13:16:56] Manual SB Basin = 0

[5/30/2024 13:16:56] Mapped NRCS Basin = 0

[5/30/2024 13:16:56] Mapped SB Basin = 0

[5/30/2024 13:16:56] Simple NRCS Basin = 30

[5/30/2024 13:16:56] Simple SB Basin = 0

[5/30/2024 13:16:56] Total Basin Polygon = 30

[5/30/2024 13:16:56] Manual Basin Polygon = 0

[5/30/2024 13:16:57] Mapped Basin Polygon = 0

[5/30/2024 13:16:57] 2D Basin Polygon = 0

[5/30/2024 13:16:57] Crop = 0

[5/30/2024 13:16:57] Reference ET = 0

[5/30/2024 13:16:57] Rainfall = 1

[5/30/2024 13:16:57] Green Ampt Parameter = 0

[5/30/2024 13:16:57] Vert Layer Parameter = 0

[5/30/2024 13:16:57] Curve Number Parameter = 31

[5/30/2024 13:16:57] Imperviousness = 31

[5/30/2024 13:16:57]

[5/30/2024 13:16:57] --- Routing Counts -------------------------------------------------

[5/30/2024 13:16:57] Region = 0

[5/30/2024 13:16:57] Total Node = 58

[5/30/2024 13:16:57] 1D Stage Area = 54

[5/30/2024 13:16:57] 1D Time Stage = 4

[5/30/2024 13:16:58] 1D Drop Nodes = 0

[5/30/2024 13:16:58] 2D Stage Area = 0

[5/30/2024 13:16:58] 2D Time Stage = 0

[5/30/2024 13:16:58] 2D Pond Ghost = 0

[5/30/2024 13:16:58] 2D Chan Ghost = 0

[5/30/2024 13:16:58] 1D/2D Node Interfaces = 0

[5/30/2024 13:16:58] 1D/2D Injection Wells = 0

[5/30/2024 13:16:58] Total Link = 97

[5/30/2024 13:16:58] 1D Pipe = 26

[5/30/2024 13:16:58] 1D Drop Structure = 2

[5/30/2024 13:16:58] 1D French Drain = 0

[5/30/2024 13:16:58] 1D Channel = 0

[5/30/2024 13:16:58] 2D Channel = 0

[5/30/2024 13:16:59] 1D Weir = 67

[5/30/2024 13:16:59] 1D Drop Weir = 2

[5/30/2024 13:16:59] 2D Weir = 0

[5/30/2024 13:16:59] 1D Rating Curve = 0

[5/30/2024 13:16:59] 1D Percolation = 0

[5/30/2024 13:16:59] Cross Section = 43

[5/30/2024 13:16:59] Operating Table = 0

[5/30/2024 13:16:59]

[5/30/2024 13:16:59] --- Groundwater Counts ---------------------------------------------

[5/30/2024 13:16:59] Region = 0

[5/30/2024 13:16:59] Triangle = 0

[5/30/2024 13:17:00] Vertex = 0

[5/30/2024 13:17:00] Midpoint = 0

[5/30/2024 13:17:00] --------------------------------------------------------------------

[5/30/2024 13:17:00]

[5/30/2024 13:17:00] Processing Initial Link Flows...

[5/30/2024 13:17:00] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2024 13:17:00] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:00] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:00] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:00] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:00] Node N-NS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:01] Node N-NS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:04] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:04] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:04] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:04] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:05] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:05] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:05] Node N-DN-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:06] Node N-ML-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:06] Node N-ML-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:06] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:06] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:06] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:09] Node N-BV-03 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:10] Node N-PS-01 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:11] Node N-PS-02 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:22] Node N-BV-03B caused a revert (this will only be logged once per node)

[5/30/2024 13:17:22] Node N-BV-04 caused a revert (this will only be logged once per node)

[5/30/2024 13:17:34] Conduit Optimizer Total Count=3909292 of 5309850

[5/30/2024 13:17:35] PC busted 8 of 88421

[5/30/2024 13:17:35] Average Iterations was 1.310

[5/30/2024 13:17:35] Average dt was 2.04609 sec

[5/30/2024 13:17:35] Revert count=3958

[5/30/2024 13:17:35]

[5/30/2024 13:17:35] ---- Timers -----------------------------

[5/30/2024 13:17:35] Total Time=34.690 sec

[5/30/2024 13:17:35] Basin Time=0.035 sec

[5/30/2024 13:17:35] BasinPoly Time=0.004 sec

[5/30/2024 13:17:35] Node Time=0.889 sec

[5/30/2024 13:17:35] Link Time=22.890 sec

[5/30/2024 13:17:35] Hydrology Output Time=1.352 sec

[5/30/2024 13:17:35] Groundwater Output Time=0.002 sec

[5/30/2024 13:17:35] Routing Output Time=6.458 sec

[5/30/2024 13:17:35] --- Thread Timers --------------------

[5/30/2024 13:17:35] Thread[0] Basin Time=0.022 sec

[5/30/2024 13:17:36] Thread[0] BasinPoly Time=0.002 sec

[5/30/2024 13:17:36] Thread[0] Node Time=0.356 sec

[5/30/2024 13:17:36] Thread[0] Link Time=9.588 sec

[5/30/2024 13:17:36] --- Thread Timers --------------------

[5/30/2024 13:17:36] Thread[1] Basin Time=0.018 sec

[5/30/2024 13:17:36] Thread[1] BasinPoly Time=0.002 sec

[5/30/2024 13:17:36] Thread[1] Node Time=0.354 sec

[5/30/2024 13:17:36] Thread[1] Link Time=10.481 sec

[5/30/2024 13:17:36] --- Thread Timers --------------------

[5/30/2024 13:17:36] Thread[2] Basin Time=0.013 sec

[5/30/2024 13:17:36] Thread[2] BasinPoly Time=0.002 sec

[5/30/2024 13:17:36] Thread[2] Node Time=0.341 sec

[5/30/2024 13:17:36] Thread[2] Link Time=16.604 sec

[5/30/2024 13:17:36] --- Thread Timers --------------------

[5/30/2024 13:17:37] Thread[3] Basin Time=0.013 sec

[5/30/2024 13:17:37] Thread[3] BasinPoly Time=0.002 sec

[5/30/2024 13:17:37] Thread[3] Node Time=0.348 sec

[5/30/2024 13:17:37] Thread[3] Link Time=10.180 sec

[5/30/2024 13:17:37] --- Thread Timers --------------------

[5/30/2024 13:17:37] Thread[4] Basin Time=0.010 sec

[5/30/2024 13:17:37] Thread[4] BasinPoly Time=0.002 sec

[5/30/2024 13:17:37] Thread[4] Node Time=0.340 sec

[5/30/2024 13:17:37] Thread[4] Link Time=13.304 sec

[5/30/2024 13:17:37] --- Thread Timers --------------------

[5/30/2024 13:17:37] Thread[5] Basin Time=0.018 sec

[5/30/2024 13:17:37] Thread[5] BasinPoly Time=0.002 sec

[5/30/2024 13:17:37] Thread[5] Node Time=0.346 sec

[5/30/2024 13:17:37] Thread[5] Link Time=12.130 sec

[5/30/2024 13:17:38] --- Thread Timers --------------------

[5/30/2024 13:17:38] Thread[6] Basin Time=0.016 sec

[5/30/2024 13:17:38] Thread[6] BasinPoly Time=0.002 sec

[5/30/2024 13:17:38] Thread[6] Node Time=0.332 sec

[5/30/2024 13:17:38] Thread[6] Link Time=13.340 sec