[10/6/2023 9:04:22]

threads=-1

batch=4 of 7

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

nextsim=C:\Work space\LBK Village\Scenarios\Sc13\Simulations\Si29\

[10/6/2023 9:04:22] C:\Work space\LBK Village\Scenarios\Sc13\Simulations\Si28\echo.i4p

[10/6/2023 9:04:22] Reading Simulation

[10/6/2023 9:04:22] Simulation=25YR24HR-2.36

[10/6/2023 9:04:22] RunMode=0

[10/6/2023 9:04:22] HotStart=0

[10/6/2023 9:04:22] SaveRestart=0

[10/6/2023 9:04:22] StartYear=0

[10/6/2023 9:04:22] StartMonth=0

[10/6/2023 9:04:22] StartDay=0

[10/6/2023 9:04:22] StartHour=0.000

[10/6/2023 9:04:23] EndYear=0

[10/6/2023 9:04:23] EndMonth=0

[10/6/2023 9:04:23] EndDay=0

[10/6/2023 9:04:23] EndHour=48.000

[10/6/2023 9:04:23] HotstartYear=0

[10/6/2023 9:04:23] HotstartMonth=0

[10/6/2023 9:04:23] HotstartDay=0

[10/6/2023 9:04:23] HotstartHour=0.000

[10/6/2023 9:04:23] MinCalc\_Hydrology=60.000

[10/6/2023 9:04:23] MinCalc\_Hydraulics=0.100

[10/6/2023 9:04:23] MaxCalc\_Hydraulics=60.000

[10/6/2023 9:04:23] MinCalc\_Groundwater=900.000

[10/6/2023 9:04:24] RainfallSet=ICPR3

[10/6/2023 9:04:24] RefETSet=

[10/6/2023 9:04:24] UnitHydSet=ICPR3

[10/6/2023 9:04:24] BndStageSet=2.36FT

[10/6/2023 9:04:24] ExHydSet=

[10/6/2023 9:04:24] CurveNumSet=

[10/6/2023 9:04:24] GreenAmptSet=

[10/6/2023 9:04:24] VertLayerSet=

[10/6/2023 9:04:24] ImpervSet=

[10/6/2023 9:04:24] RoughnessSet=

[10/6/2023 9:04:24] CropCoefSet=

[10/6/2023 9:04:24] PorosSet=

[10/6/2023 9:04:25] ConductSet=

[10/6/2023 9:04:25] LeakageSet=

[10/6/2023 9:04:25] TimeMarching=0

[10/6/2023 9:04:25] MaxIterations=6

[10/6/2023 9:04:25] OverRelaxWeightFactor=0.500

[10/6/2023 9:04:25] dZTolerance=0.001

[10/6/2023 9:04:25] MaxdZ=1.000

[10/6/2023 9:04:26] LinkOptTol=0.000

[10/6/2023 9:04:26] EdgeLengthOpt=0

[10/6/2023 9:04:26] EdgeLengthFactor=0.667

[10/6/2023 9:04:26] DefaultDampThresh2d=0.005

[10/6/2023 9:04:26] MinSurfArea2d=1.000

[10/6/2023 9:04:26] EnergySwitch2d=1

[10/6/2023 9:04:26] IaTime=24.000

[10/6/2023 9:04:26] IncludeETManBasns=0

[10/6/2023 9:04:26] VertLayerSoln=0

[10/6/2023 9:04:26] RainOptManBasns=1

[10/6/2023 9:04:26] RainOptOF=1

[10/6/2023 9:04:26] RainName=Flmod

[10/6/2023 9:04:27] RainAmount=8.000

[10/6/2023 9:04:27] StormDur=24.000

[10/6/2023 9:04:27] DefaultDampThresh1D=0.005

[10/6/2023 9:04:27] MinNodeSurfArea1D=113.000

[10/6/2023 9:04:27] EnergySwitch1D=1

[10/6/2023 9:04:27] Comment=

[10/6/2023 9:04:27] 7 threads [8 cores detected]

[10/6/2023 9:04:27] SolutionMethod=SAOR

[10/6/2023 9:04:27] No \_ET.TXT

[10/6/2023 9:04:28] No \_EV.TXT

[10/6/2023 9:04:28] Reading Operating Tables

[10/6/2023 9:04:28] Reading Cross Sections

[10/6/2023 9:04:28] Reading 1D Nodes

[10/6/2023 9:04:28] Reading Overland Flow Nodes

[10/6/2023 9:04:28] Reading 1D Channels

[10/6/2023 9:04:28] Setting up channel ghost nodes

[10/6/2023 9:04:28] Reading Pipes

[10/6/2023 9:04:28] Reading Rating Curves

[10/6/2023 9:04:28] Reading Weirs

[10/6/2023 9:04:29] Reading Drop Structures

[10/6/2023 9:04:29] Reading Breaches

[10/6/2023 9:04:29] Reading Percs

[10/6/2023 9:04:29] Reading Overland Flow Channels

[10/6/2023 9:04:29] Reading Overland Flow Weirs

[10/6/2023 9:04:29] Setting up ghost nodes

[10/6/2023 9:04:29] Reading Manual Basins

[10/6/2023 9:04:29] Reading Overland Flow Basins

[10/6/2023 9:04:29] Sorting basins

[10/6/2023 9:04:29] Reading Basin Features

[10/6/2023 9:04:29] Reading Groundwater

[10/6/2023 9:04:30] Initializing threads

[10/6/2023 9:04:30] Build Complete

[10/6/2023 9:04:30] Total basin area=58.210

[10/6/2023 9:04:30] Basins: Minarea\_ft2=30492.00000 Maxarea\_ft2=376358.40000 Avgarea\_ft2=133454.08421

[10/6/2023 9:04:30]

[10/6/2023 9:04:30] --- Hydrology Counts -----------------------------------------------

[10/6/2023 9:04:30] Total Basin = 19

[10/6/2023 9:04:30] Direct Basin = 0

[10/6/2023 9:04:30] Manual NRCS Basin = 0

[10/6/2023 9:04:30] Manual SB Basin = 0

[10/6/2023 9:04:31] Mapped NRCS Basin = 0

[10/6/2023 9:04:31] Mapped SB Basin = 0

[10/6/2023 9:04:31] Simple NRCS Basin = 19

[10/6/2023 9:04:31] Simple SB Basin = 0

[10/6/2023 9:04:31] Total Basin Polygon = 19

[10/6/2023 9:04:31] Manual Basin Polygon = 0

[10/6/2023 9:04:31] Mapped Basin Polygon = 0

[10/6/2023 9:04:31] 2D Basin Polygon = 0

[10/6/2023 9:04:31] Crop = 0

[10/6/2023 9:04:31] Reference ET = 0

[10/6/2023 9:04:31] Rainfall = 1

[10/6/2023 9:04:31] Green Ampt Parameter = 0

[10/6/2023 9:04:31] Vert Layer Parameter = 0

[10/6/2023 9:04:32] Curve Number Parameter = 20

[10/6/2023 9:04:32] Imperviousness = 20

[10/6/2023 9:04:32]

[10/6/2023 9:04:32] --- Routing Counts -------------------------------------------------

[10/6/2023 9:04:32] Region = 0

[10/6/2023 9:04:32] Total Node = 37

[10/6/2023 9:04:32] 1D Stage Area = 27

[10/6/2023 9:04:32] 1D Time Stage = 10

[10/6/2023 9:04:32] 1D Drop Nodes = 0

[10/6/2023 9:04:32] 2D Stage Area = 0

[10/6/2023 9:04:32] 2D Time Stage = 0

[10/6/2023 9:04:33] 2D Pond Ghost = 0

[10/6/2023 9:04:33] 2D Chan Ghost = 0

[10/6/2023 9:04:33] 1D/2D Node Interfaces = 0

[10/6/2023 9:04:33] 1D/2D Injection Wells = 0

[10/6/2023 9:04:33] Total Link = 85

[10/6/2023 9:04:33] 1D Pipe = 29

[10/6/2023 9:04:33] 1D Drop Structure = 0

[10/6/2023 9:04:33] 1D French Drain = 0

[10/6/2023 9:04:33] 1D Channel = 0

[10/6/2023 9:04:33] 2D Channel = 0

[10/6/2023 9:04:33] 1D Weir = 50

[10/6/2023 9:04:34] 1D Drop Weir = 0

[10/6/2023 9:04:34] 2D Weir = 0

[10/6/2023 9:04:34] 1D Rating Curve = 6

[10/6/2023 9:04:34] 1D Percolation = 0

[10/6/2023 9:04:34] Cross Section = 59

[10/6/2023 9:04:34] Operating Table = 7

[10/6/2023 9:04:34]

[10/6/2023 9:04:34] --- Groundwater Counts ---------------------------------------------

[10/6/2023 9:04:34] Region = 0

[10/6/2023 9:04:34] Triangle = 0

[10/6/2023 9:04:35] Vertex = 0

[10/6/2023 9:04:35] Midpoint = 0

[10/6/2023 9:04:35] --------------------------------------------------------------------

[10/6/2023 9:04:35]

[10/6/2023 9:04:35] Processing Initial Link Flows...

[10/6/2023 9:04:35] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[10/6/2023 9:04:35] Node 1000 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:35] Node 1200 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:35] Node 1300 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 1400 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 1700A caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 400 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 900 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 1700 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 1701A1 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 179 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 1900 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 800 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:36] Node 1600 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:37] Node 300 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:37] Node 901A caused a revert (this will only be logged once per node)

[10/6/2023 9:04:37] Node 1001A caused a revert (this will only be logged once per node)

[10/6/2023 9:04:37] Node 1701A caused a revert (this will only be logged once per node)

[10/6/2023 9:04:37] Node 158 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:37] Node 1500 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:37] Node 500 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:38] Node 1100 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:38] Node 700 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:38] Node 600 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:38] Node 100 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:38] Node 200 caused a revert (this will only be logged once per node)

[10/6/2023 9:04:38] Node 201A caused a revert (this will only be logged once per node)

[10/6/2023 9:04:38] Node 1800 caused a revert (this will only be logged once per node)

[10/6/2023 9:06:08] Conduit Optimizer Total Count=33963259 of 37606272

[10/6/2023 9:06:08] PC busted 1097 of 440431

[10/6/2023 9:06:08] Average Iterations was 1.944

[10/6/2023 9:06:08] Average dt was 0.41080 sec

[10/6/2023 9:06:08] Revert count=19785

[10/6/2023 9:06:08]

[10/6/2023 9:06:09] ---- Timers -----------------------------

[10/6/2023 9:06:09] Total Time=92.502 sec

[10/6/2023 9:06:09] Basin Time=0.261 sec

[10/6/2023 9:06:09] BasinPoly Time=0.518 sec

[10/6/2023 9:06:09] Node Time=13.918 sec

[10/6/2023 9:06:10] Link Time=60.405 sec

[10/6/2023 9:06:10] Hydrology Output Time=12.310 sec

[10/6/2023 9:06:10] Groundwater Output Time=0.001 sec

[10/6/2023 9:06:10] Routing Output Time=1.035 sec

[10/6/2023 9:06:10] --- Thread Timers --------------------

[10/6/2023 9:06:10] Thread[0] Basin Time=0.016 sec

[10/6/2023 9:06:10] Thread[0] BasinPoly Time=0.004 sec

[10/6/2023 9:06:11] Thread[0] Node Time=1.413 sec

[10/6/2023 9:06:11] Thread[0] Link Time=45.002 sec

[10/6/2023 9:06:11] --- Thread Timers --------------------

[10/6/2023 9:06:11] Thread[1] Basin Time=0.014 sec

[10/6/2023 9:06:11] Thread[1] BasinPoly Time=0.004 sec

[10/6/2023 9:06:11] Thread[1] Node Time=1.585 sec

[10/6/2023 9:06:11] Thread[1] Link Time=7.045 sec

[10/6/2023 9:06:11] --- Thread Timers --------------------

[10/6/2023 9:06:12] Thread[2] Basin Time=0.019 sec

[10/6/2023 9:06:12] Thread[2] BasinPoly Time=0.004 sec

[10/6/2023 9:06:12] Thread[2] Node Time=1.153 sec

[10/6/2023 9:06:12] Thread[2] Link Time=32.631 sec

[10/6/2023 9:06:13] --- Thread Timers --------------------

[10/6/2023 9:06:13] Thread[3] Basin Time=0.021 sec

[10/6/2023 9:06:13] Thread[3] BasinPoly Time=0.004 sec

[10/6/2023 9:06:13] Thread[3] Node Time=1.169 sec

[10/6/2023 9:06:14] Thread[3] Link Time=20.271 sec

[10/6/2023 9:06:14] --- Thread Timers --------------------

[10/6/2023 9:06:14] Thread[4] Basin Time=0.013 sec

[10/6/2023 9:06:14] Thread[4] BasinPoly Time=0.004 sec

[10/6/2023 9:06:15] Thread[4] Node Time=1.114 sec

[10/6/2023 9:06:15] Thread[4] Link Time=24.878 sec

[10/6/2023 9:06:15] --- Thread Timers --------------------

[10/6/2023 9:06:15] Thread[5] Basin Time=0.011 sec

[10/6/2023 9:06:15] Thread[5] BasinPoly Time=0.003 sec

[10/6/2023 9:06:15] Thread[5] Node Time=1.299 sec

[10/6/2023 9:06:15] Thread[5] Link Time=25.472 sec

[10/6/2023 9:06:15] --- Thread Timers --------------------

[10/6/2023 9:06:15] Thread[6] Basin Time=0.012 sec

[10/6/2023 9:06:15] Thread[6] BasinPoly Time=0.003 sec

[10/6/2023 9:06:16] Thread[6] Node Time=1.232 sec

[10/6/2023 9:06:16] Thread[6] Link Time=33.764 sec