[8/11/2023 10:54:29]

threads=-1

batch=6 of 8

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

nextsim=C:\Work space\LBK Village\Scenarios\Sc1\Simulations\Si21\

[8/11/2023 10:54:29] C:\Work space\LBK Village\Scenarios\Sc1\Simulations\Si2\echo.i4p

[8/11/2023 10:54:29] Reading Simulation

[8/11/2023 10:54:29] Simulation=10yr24hr

[8/11/2023 10:54:30] RunMode=-1215461120

[8/11/2023 10:54:30] HotStart=0

[8/11/2023 10:54:30] SaveRestart=0

[8/11/2023 10:54:30] StartYear=0

[8/11/2023 10:54:30] StartMonth=0

[8/11/2023 10:54:30] StartDay=0

[8/11/2023 10:54:30] StartHour=0.000

[8/11/2023 10:54:30] EndYear=0

[8/11/2023 10:54:30] EndMonth=0

[8/11/2023 10:54:30] EndDay=0

[8/11/2023 10:54:30] EndHour=48.000

[8/11/2023 10:54:30] HotstartYear=0

[8/11/2023 10:54:30] HotstartMonth=0

[8/11/2023 10:54:30] HotstartDay=0

[8/11/2023 10:54:30] HotstartHour=0.000

[8/11/2023 10:54:31] MinCalc\_Hydrology=60.000

[8/11/2023 10:54:31] MinCalc\_Hydraulics=0.100

[8/11/2023 10:54:31] MaxCalc\_Hydraulics=60.000

[8/11/2023 10:54:31] MinCalc\_Groundwater=900.000

[8/11/2023 10:54:31] RainfallSet=ICPR3

[8/11/2023 10:54:31] RefETSet=

[8/11/2023 10:54:31] UnitHydSet=ICPR3

[8/11/2023 10:54:31] BndStageSet=

[8/11/2023 10:54:31] ExHydSet=

[8/11/2023 10:54:31] CurveNumSet=

[8/11/2023 10:54:31] GreenAmptSet=

[8/11/2023 10:54:31] VertLayerSet=

[8/11/2023 10:54:31] ImpervSet=

[8/11/2023 10:54:31] RoughnessSet=

[8/11/2023 10:54:31] CropCoefSet=

[8/11/2023 10:54:32] PorosSet=

[8/11/2023 10:54:32] ConductSet=

[8/11/2023 10:54:32] LeakageSet=

[8/11/2023 10:54:32] TimeMarching=0

[8/11/2023 10:54:32] MaxIterations=6

[8/11/2023 10:54:32] OverRelaxWeightFactor=0.500

[8/11/2023 10:54:32] dZTolerance=0.001

[8/11/2023 10:54:32] MaxdZ=1.000

[8/11/2023 10:54:32] LinkOptTol=0.000

[8/11/2023 10:54:32] EdgeLengthOpt=0

[8/11/2023 10:54:32] EdgeLengthFactor=0.667

[8/11/2023 10:54:32] DefaultDampThresh2d=0.005

[8/11/2023 10:54:32] MinSurfArea2d=1.000

[8/11/2023 10:54:32] EnergySwitch2d=1

[8/11/2023 10:54:32] IaTime=24.000

[8/11/2023 10:54:33] IncludeETManBasns=0

[8/11/2023 10:54:33] VertLayerSoln=0

[8/11/2023 10:54:33] RainOptManBasns=1

[8/11/2023 10:54:33] RainOptOF=1

[8/11/2023 10:54:33] RainName=Flmod

[8/11/2023 10:54:33] RainAmount=7.000

[8/11/2023 10:54:33] StormDur=24.000

[8/11/2023 10:54:33] DefaultDampThresh1D=0.005

[8/11/2023 10:54:33] MinNodeSurfArea1D=113.000

[8/11/2023 10:54:33] EnergySwitch1D=1

[8/11/2023 10:54:33] Comment=

[8/11/2023 10:54:33] 7 threads [8 cores detected]

[8/11/2023 10:54:33] SolutionMethod=SAOR

[8/11/2023 10:54:33] No \_ET.TXT

[8/11/2023 10:54:34] No \_EV.TXT

[8/11/2023 10:54:34] Reading Operating Tables

[8/11/2023 10:54:34] Reading Cross Sections

[8/11/2023 10:54:34] Reading 1D Nodes

[8/11/2023 10:54:34] Reading Overland Flow Nodes

[8/11/2023 10:54:34] Reading 1D Channels

[8/11/2023 10:54:34] Setting up channel ghost nodes

[8/11/2023 10:54:34] Reading Pipes

[8/11/2023 10:54:34] Reading Rating Curves

[8/11/2023 10:54:34] Reading Weirs

[8/11/2023 10:54:35] Reading Drop Structures

[8/11/2023 10:54:35] Reading Breaches

[8/11/2023 10:54:35] Reading Percs

[8/11/2023 10:54:35] Reading Overland Flow Channels

[8/11/2023 10:54:35] Reading Overland Flow Weirs

[8/11/2023 10:54:35] Setting up ghost nodes

[8/11/2023 10:54:35] Reading Manual Basins

[8/11/2023 10:54:35] Reading Overland Flow Basins

[8/11/2023 10:54:35] Sorting basins

[8/11/2023 10:54:35] Reading Basin Features

[8/11/2023 10:54:36] Reading Groundwater

[8/11/2023 10:54:36] Initializing threads

[8/11/2023 10:54:36] Build Complete

[8/11/2023 10:54:36] Total basin area=56.980

[8/11/2023 10:54:36] Basins: Minarea\_ft2=39204.00000 Maxarea\_ft2=322344.00000 Avgarea\_ft2=130634.14737

[8/11/2023 10:54:36]

[8/11/2023 10:54:36] --- Hydrology Counts -----------------------------------------------

[8/11/2023 10:54:36] Total Basin = 19

[8/11/2023 10:54:36] Direct Basin = 0

[8/11/2023 10:54:36] Manual NRCS Basin = 0

[8/11/2023 10:54:36] Manual SB Basin = 0

[8/11/2023 10:54:37] Mapped NRCS Basin = 0

[8/11/2023 10:54:37] Mapped SB Basin = 0

[8/11/2023 10:54:37] Simple NRCS Basin = 19

[8/11/2023 10:54:37] Simple SB Basin = 0

[8/11/2023 10:54:37] Total Basin Polygon = 19

[8/11/2023 10:54:37] Manual Basin Polygon = 0

[8/11/2023 10:54:37] Mapped Basin Polygon = 0

[8/11/2023 10:54:37] 2D Basin Polygon = 0

[8/11/2023 10:54:37] Crop = 0

[8/11/2023 10:54:37] Reference ET = 0

[8/11/2023 10:54:38] Rainfall = 1

[8/11/2023 10:54:38] Green Ampt Parameter = 0

[8/11/2023 10:54:38] Vert Layer Parameter = 0

[8/11/2023 10:54:38] Curve Number Parameter = 20

[8/11/2023 10:54:38] Imperviousness = 20

[8/11/2023 10:54:38]

[8/11/2023 10:54:38] --- Routing Counts -------------------------------------------------

[8/11/2023 10:54:38] Region = 0

[8/11/2023 10:54:38] Total Node = 37

[8/11/2023 10:54:38] 1D Stage Area = 27

[8/11/2023 10:54:39] 1D Time Stage = 10

[8/11/2023 10:54:39] 1D Drop Nodes = 0

[8/11/2023 10:54:39] 2D Stage Area = 0

[8/11/2023 10:54:39] 2D Time Stage = 0

[8/11/2023 10:54:39] 2D Pond Ghost = 0

[8/11/2023 10:54:39] 2D Chan Ghost = 0

[8/11/2023 10:54:39] 1D/2D Node Interfaces = 0

[8/11/2023 10:54:39] 1D/2D Injection Wells = 0

[8/11/2023 10:54:39] Total Link = 56

[8/11/2023 10:54:39] 1D Pipe = 27

[8/11/2023 10:54:40] 1D Drop Structure = 0

[8/11/2023 10:54:40] 1D French Drain = 0

[8/11/2023 10:54:40] 1D Channel = 18

[8/11/2023 10:54:40] 2D Channel = 0

[8/11/2023 10:54:40] 1D Weir = 5

[8/11/2023 10:54:40] 1D Drop Weir = 0

[8/11/2023 10:54:40] 2D Weir = 0

[8/11/2023 10:54:40] 1D Rating Curve = 6

[8/11/2023 10:54:40] 1D Percolation = 0

[8/11/2023 10:54:41] Cross Section = 9

[8/11/2023 10:54:41] Operating Table = 4

[8/11/2023 10:54:41]

[8/11/2023 10:54:41] --- Groundwater Counts ---------------------------------------------

[8/11/2023 10:54:41] Region = 0

[8/11/2023 10:54:41] Triangle = 0

[8/11/2023 10:54:41] Vertex = 0

[8/11/2023 10:54:41] Midpoint = 0

[8/11/2023 10:54:42] --------------------------------------------------------------------

[8/11/2023 10:54:42]

[8/11/2023 10:54:42] Processing Initial Link Flows...

[8/11/2023 10:54:42] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[8/11/2023 10:54:43] Node 179 caused a revert (this will only be logged once per node)

[8/11/2023 10:54:43] Node 900 caused a revert (this will only be logged once per node)

[8/11/2023 10:54:43] Node 901A caused a revert (this will only be logged once per node)

[8/11/2023 10:54:44] Node 1701A1 caused a revert (this will only be logged once per node)

[8/11/2023 10:54:45] Node 1700A caused a revert (this will only be logged once per node)

[8/11/2023 10:54:45] Node 1000 caused a revert (this will only be logged once per node)

[8/11/2023 10:54:45] Node 1001A caused a revert (this will only be logged once per node)

[8/11/2023 10:55:07] Node 158 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:09] Node 100 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:09] Node 1100 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:10] Node 300 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:10] Node 400 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:10] Node 1800 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:10] Node 600 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:11] Node 1400 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:11] Node 1200 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:12] Node 1300 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:12] Node 500 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:12] Node 800 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:14] Node 1900 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:17] Node 201A caused a revert (this will only be logged once per node)

[8/11/2023 10:55:41] Node 1701A caused a revert (this will only be logged once per node)

[8/11/2023 10:55:42] Node 1700 caused a revert (this will only be logged once per node)

[8/11/2023 10:55:50] Conduit Optimizer Total Count=8460819 of 17432008

[8/11/2023 10:55:50] PC busted 172 of 157076

[8/11/2023 10:55:50] Average Iterations was 1.522

[8/11/2023 10:55:50] Average dt was 1.15281 sec

[8/11/2023 10:55:50] Revert count=7165

[8/11/2023 10:55:50]

[8/11/2023 10:55:50] ---- Timers -----------------------------

[8/11/2023 10:55:50] Total Time=67.867 sec

[8/11/2023 10:55:50] Basin Time=0.229 sec

[8/11/2023 10:55:50] BasinPoly Time=0.658 sec

[8/11/2023 10:55:50] Node Time=6.913 sec

[8/11/2023 10:55:51] Link Time=46.609 sec

[8/11/2023 10:55:51] Hydrology Output Time=7.351 sec

[8/11/2023 10:55:51] Groundwater Output Time=0.001 sec

[8/11/2023 10:55:51] Routing Output Time=0.928 sec

[8/11/2023 10:55:51] --- Thread Timers --------------------

[8/11/2023 10:55:51] Thread[0] Basin Time=0.020 sec

[8/11/2023 10:55:51] Thread[0] BasinPoly Time=0.003 sec

[8/11/2023 10:55:51] Thread[0] Node Time=0.429 sec

[8/11/2023 10:55:51] Thread[0] Link Time=26.987 sec

[8/11/2023 10:55:52] --- Thread Timers --------------------

[8/11/2023 10:55:52] Thread[1] Basin Time=0.016 sec

[8/11/2023 10:55:52] Thread[1] BasinPoly Time=0.003 sec

[8/11/2023 10:55:52] Thread[1] Node Time=0.457 sec

[8/11/2023 10:55:52] Thread[1] Link Time=20.726 sec

[8/11/2023 10:55:52] --- Thread Timers --------------------

[8/11/2023 10:55:52] Thread[2] Basin Time=0.015 sec

[8/11/2023 10:55:52] Thread[2] BasinPoly Time=0.003 sec

[8/11/2023 10:55:53] Thread[2] Node Time=0.343 sec

[8/11/2023 10:55:53] Thread[2] Link Time=4.064 sec

[8/11/2023 10:55:53] --- Thread Timers --------------------

[8/11/2023 10:55:53] Thread[3] Basin Time=0.028 sec

[8/11/2023 10:55:53] Thread[3] BasinPoly Time=0.003 sec

[8/11/2023 10:55:53] Thread[3] Node Time=0.348 sec

[8/11/2023 10:55:53] Thread[3] Link Time=17.709 sec

[8/11/2023 10:55:53] --- Thread Timers --------------------

[8/11/2023 10:55:53] Thread[4] Basin Time=0.016 sec

[8/11/2023 10:55:53] Thread[4] BasinPoly Time=0.003 sec

[8/11/2023 10:55:54] Thread[4] Node Time=0.351 sec

[8/11/2023 10:55:54] Thread[4] Link Time=27.656 sec

[8/11/2023 10:55:54] --- Thread Timers --------------------

[8/11/2023 10:55:54] Thread[5] Basin Time=0.015 sec

[8/11/2023 10:55:54] Thread[5] BasinPoly Time=0.002 sec

[8/11/2023 10:55:54] Thread[5] Node Time=0.360 sec

[8/11/2023 10:55:54] Thread[5] Link Time=30.307 sec

[8/11/2023 10:55:55] --- Thread Timers --------------------

[8/11/2023 10:55:55] Thread[6] Basin Time=0.009 sec

[8/11/2023 10:55:55] Thread[6] BasinPoly Time=0.002 sec

[8/11/2023 10:55:55] Thread[6] Node Time=0.339 sec

[8/11/2023 10:55:55] Thread[6] Link Time=28.250 sec