[8/11/2023 10:53:22]

threads=-1

batch=5 of 8

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

nextsim=C:\Work space\LBK Village\Scenarios\Sc1\Simulations\Si2\

[8/11/2023 10:53:22] C:\Work space\LBK Village\Scenarios\Sc1\Simulations\Si19\echo.i4p

[8/11/2023 10:53:22] Reading Simulation

[8/11/2023 10:53:22] Simulation=100yr24hr

[8/11/2023 10:53:22] RunMode=0

[8/11/2023 10:53:22] HotStart=0

[8/11/2023 10:53:23] SaveRestart=0

[8/11/2023 10:53:23] StartYear=0

[8/11/2023 10:53:23] StartMonth=0

[8/11/2023 10:53:23] StartDay=0

[8/11/2023 10:53:23] StartHour=0.000

[8/11/2023 10:53:23] EndYear=0

[8/11/2023 10:53:23] EndMonth=0

[8/11/2023 10:53:23] EndDay=0

[8/11/2023 10:53:23] EndHour=48.000

[8/11/2023 10:53:23] HotstartYear=0

[8/11/2023 10:53:23] HotstartMonth=0

[8/11/2023 10:53:23] HotstartDay=0

[8/11/2023 10:53:23] HotstartHour=0.000

[8/11/2023 10:53:23] MinCalc\_Hydrology=60.000

[8/11/2023 10:53:23] MinCalc\_Hydraulics=0.100

[8/11/2023 10:53:23] MaxCalc\_Hydraulics=60.000

[8/11/2023 10:53:24] MinCalc\_Groundwater=900.000

[8/11/2023 10:53:24] RainfallSet=ICPR3

[8/11/2023 10:53:24] RefETSet=

[8/11/2023 10:53:24] UnitHydSet=ICPR3

[8/11/2023 10:53:24] BndStageSet=

[8/11/2023 10:53:24] ExHydSet=

[8/11/2023 10:53:24] CurveNumSet=

[8/11/2023 10:53:24] GreenAmptSet=

[8/11/2023 10:53:24] VertLayerSet=

[8/11/2023 10:53:24] ImpervSet=

[8/11/2023 10:53:24] RoughnessSet=

[8/11/2023 10:53:24] CropCoefSet=

[8/11/2023 10:53:25] PorosSet=

[8/11/2023 10:53:25] ConductSet=

[8/11/2023 10:53:25] LeakageSet=

[8/11/2023 10:53:25] TimeMarching=0

[8/11/2023 10:53:25] MaxIterations=6

[8/11/2023 10:53:25] OverRelaxWeightFactor=0.500

[8/11/2023 10:53:26] dZTolerance=0.001

[8/11/2023 10:53:26] MaxdZ=1.000

[8/11/2023 10:53:26] LinkOptTol=0.000

[8/11/2023 10:53:26] EdgeLengthOpt=0

[8/11/2023 10:53:26] EdgeLengthFactor=0.667

[8/11/2023 10:53:26] DefaultDampThresh2d=0.005

[8/11/2023 10:53:26] MinSurfArea2d=1.000

[8/11/2023 10:53:26] EnergySwitch2d=1

[8/11/2023 10:53:26] IaTime=24.000

[8/11/2023 10:53:26] IncludeETManBasns=0

[8/11/2023 10:53:26] VertLayerSoln=0

[8/11/2023 10:53:26] RainOptManBasns=1

[8/11/2023 10:53:26] RainOptOF=1

[8/11/2023 10:53:27] RainName=Flmod

[8/11/2023 10:53:27] RainAmount=10.000

[8/11/2023 10:53:27] StormDur=24.000

[8/11/2023 10:53:27] DefaultDampThresh1D=0.005

[8/11/2023 10:53:27] MinNodeSurfArea1D=113.000

[8/11/2023 10:53:27] EnergySwitch1D=1

[8/11/2023 10:53:27] Comment=

[8/11/2023 10:53:27] 7 threads [8 cores detected]

[8/11/2023 10:53:27] SolutionMethod=SAOR

[8/11/2023 10:53:27] No \_ET.TXT

[8/11/2023 10:53:27] No \_EV.TXT

[8/11/2023 10:53:27] Reading Operating Tables

[8/11/2023 10:53:27] Reading Cross Sections

[8/11/2023 10:53:27] Reading 1D Nodes

[8/11/2023 10:53:27] Reading Overland Flow Nodes

[8/11/2023 10:53:28] Reading 1D Channels

[8/11/2023 10:53:28] Setting up channel ghost nodes

[8/11/2023 10:53:28] Reading Pipes

[8/11/2023 10:53:28] Reading Rating Curves

[8/11/2023 10:53:28] Reading Weirs

[8/11/2023 10:53:28] Reading Drop Structures

[8/11/2023 10:53:28] Reading Breaches

[8/11/2023 10:53:28] Reading Percs

[8/11/2023 10:53:28] Reading Overland Flow Channels

[8/11/2023 10:53:28] Reading Overland Flow Weirs

[8/11/2023 10:53:29] Setting up ghost nodes

[8/11/2023 10:53:29] Reading Manual Basins

[8/11/2023 10:53:29] Reading Overland Flow Basins

[8/11/2023 10:53:29] Sorting basins

[8/11/2023 10:53:29] Reading Basin Features

[8/11/2023 10:53:29] Reading Groundwater

[8/11/2023 10:53:29] Initializing threads

[8/11/2023 10:53:29] Build Complete

[8/11/2023 10:53:29] Total basin area=56.980

[8/11/2023 10:53:29] Basins: Minarea\_ft2=39204.00000 Maxarea\_ft2=322344.00000 Avgarea\_ft2=130634.14737

[8/11/2023 10:53:30]

[8/11/2023 10:53:30] --- Hydrology Counts -----------------------------------------------

[8/11/2023 10:53:30] Total Basin = 19

[8/11/2023 10:53:30] Direct Basin = 0

[8/11/2023 10:53:30] Manual NRCS Basin = 0

[8/11/2023 10:53:30] Manual SB Basin = 0

[8/11/2023 10:53:30] Mapped NRCS Basin = 0

[8/11/2023 10:53:30] Mapped SB Basin = 0

[8/11/2023 10:53:30] Simple NRCS Basin = 19

[8/11/2023 10:53:30] Simple SB Basin = 0

[8/11/2023 10:53:30] Total Basin Polygon = 19

[8/11/2023 10:53:30] Manual Basin Polygon = 0

[8/11/2023 10:53:30] Mapped Basin Polygon = 0

[8/11/2023 10:53:31] 2D Basin Polygon = 0

[8/11/2023 10:53:31] Crop = 0

[8/11/2023 10:53:31] Reference ET = 0

[8/11/2023 10:53:31] Rainfall = 1

[8/11/2023 10:53:31] Green Ampt Parameter = 0

[8/11/2023 10:53:31] Vert Layer Parameter = 0

[8/11/2023 10:53:31] Curve Number Parameter = 20

[8/11/2023 10:53:31] Imperviousness = 20

[8/11/2023 10:53:31]

[8/11/2023 10:53:32] --- Routing Counts -------------------------------------------------

[8/11/2023 10:53:32] Region = 0

[8/11/2023 10:53:32] Total Node = 37

[8/11/2023 10:53:32] 1D Stage Area = 27

[8/11/2023 10:53:32] 1D Time Stage = 10

[8/11/2023 10:53:32] 1D Drop Nodes = 0

[8/11/2023 10:53:32] 2D Stage Area = 0

[8/11/2023 10:53:32] 2D Time Stage = 0

[8/11/2023 10:53:32] 2D Pond Ghost = 0

[8/11/2023 10:53:32] 2D Chan Ghost = 0

[8/11/2023 10:53:33] 1D/2D Node Interfaces = 0

[8/11/2023 10:53:33] 1D/2D Injection Wells = 0

[8/11/2023 10:53:33] Total Link = 56

[8/11/2023 10:53:33] 1D Pipe = 27

[8/11/2023 10:53:33] 1D Drop Structure = 0

[8/11/2023 10:53:33] 1D French Drain = 0

[8/11/2023 10:53:33] 1D Channel = 18

[8/11/2023 10:53:33] 2D Channel = 0

[8/11/2023 10:53:33] 1D Weir = 5

[8/11/2023 10:53:33] 1D Drop Weir = 0

[8/11/2023 10:53:34] 2D Weir = 0

[8/11/2023 10:53:34] 1D Rating Curve = 6

[8/11/2023 10:53:34] 1D Percolation = 0

[8/11/2023 10:53:34] Cross Section = 9

[8/11/2023 10:53:34] Operating Table = 4

[8/11/2023 10:53:34]

[8/11/2023 10:53:34] --- Groundwater Counts ---------------------------------------------

[8/11/2023 10:53:34] Region = 0

[8/11/2023 10:53:34] Triangle = 0

[8/11/2023 10:53:34] Vertex = 0

[8/11/2023 10:53:35] Midpoint = 0

[8/11/2023 10:53:35] --------------------------------------------------------------------

[8/11/2023 10:53:35]

[8/11/2023 10:53:35] Processing Initial Link Flows...

[8/11/2023 10:53:35] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[8/11/2023 10:53:36] Node 158 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:36] Node 1700 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:36] Node 1700A caused a revert (this will only be logged once per node)

[8/11/2023 10:53:36] Node 1701A caused a revert (this will only be logged once per node)

[8/11/2023 10:53:36] Node 1701A1 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:36] Node 179 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:36] Node 700 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:37] Node 900 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:37] Node 901A caused a revert (this will only be logged once per node)

[8/11/2023 10:53:37] Node 1000 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:38] Node 1001A caused a revert (this will only be logged once per node)

[8/11/2023 10:53:57] Node 300 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:57] Node 400 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:57] Node 100 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:57] Node 1800 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:58] Node 1400 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:58] Node 1200 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:58] Node 1300 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:58] Node 1900 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:58] Node 200 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:59] Node 500 caused a revert (this will only be logged once per node)

[8/11/2023 10:53:59] Node 800 caused a revert (this will only be logged once per node)

[8/11/2023 10:54:02] Node 1100 caused a revert (this will only be logged once per node)

[8/11/2023 10:54:29] Conduit Optimizer Total Count=8249650 of 16505940

[8/11/2023 10:54:29] PC busted 181 of 153817

[8/11/2023 10:54:29] Average Iterations was 1.439

[8/11/2023 10:54:29] Average dt was 1.17781 sec

[8/11/2023 10:54:29] Revert count=7096

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

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

[8/11/2023 10:54:29] Total Time=53.982 sec

[8/11/2023 10:54:29] Basin Time=0.201 sec

[8/11/2023 10:54:29] BasinPoly Time=0.665 sec

[8/11/2023 10:54:30] Node Time=4.499 sec

[8/11/2023 10:54:30] Link Time=36.689 sec

[8/11/2023 10:54:30] Hydrology Output Time=7.570 sec

[8/11/2023 10:54:30] Groundwater Output Time=0.001 sec

[8/11/2023 10:54:30] Routing Output Time=0.946 sec

[8/11/2023 10:54:30] --- Thread Timers --------------------

[8/11/2023 10:54:30] Thread[0] Basin Time=0.019 sec

[8/11/2023 10:54:30] Thread[0] BasinPoly Time=0.003 sec

[8/11/2023 10:54:30] Thread[0] Node Time=0.387 sec

[8/11/2023 10:54:30] Thread[0] Link Time=21.325 sec

[8/11/2023 10:54:30] --- Thread Timers --------------------

[8/11/2023 10:54:31] Thread[1] Basin Time=0.015 sec

[8/11/2023 10:54:31] Thread[1] BasinPoly Time=0.003 sec

[8/11/2023 10:54:31] Thread[1] Node Time=0.432 sec

[8/11/2023 10:54:31] Thread[1] Link Time=19.774 sec

[8/11/2023 10:54:31] --- Thread Timers --------------------

[8/11/2023 10:54:32] Thread[2] Basin Time=0.016 sec

[8/11/2023 10:54:32] Thread[2] BasinPoly Time=0.003 sec

[8/11/2023 10:54:32] Thread[2] Node Time=0.318 sec

[8/11/2023 10:54:32] Thread[2] Link Time=4.046 sec

[8/11/2023 10:54:32] --- Thread Timers --------------------

[8/11/2023 10:54:32] Thread[3] Basin Time=0.016 sec

[8/11/2023 10:54:32] Thread[3] BasinPoly Time=0.003 sec

[8/11/2023 10:54:32] Thread[3] Node Time=0.313 sec

[8/11/2023 10:54:32] Thread[3] Link Time=14.335 sec

[8/11/2023 10:54:33] --- Thread Timers --------------------

[8/11/2023 10:54:33] Thread[4] Basin Time=0.015 sec

[8/11/2023 10:54:33] Thread[4] BasinPoly Time=0.003 sec

[8/11/2023 10:54:33] Thread[4] Node Time=0.330 sec

[8/11/2023 10:54:33] Thread[4] Link Time=21.769 sec

[8/11/2023 10:54:33] --- Thread Timers --------------------

[8/11/2023 10:54:33] Thread[5] Basin Time=0.013 sec

[8/11/2023 10:54:33] Thread[5] BasinPoly Time=0.004 sec

[8/11/2023 10:54:34] Thread[5] Node Time=0.324 sec

[8/11/2023 10:54:34] Thread[5] Link Time=24.806 sec

[8/11/2023 10:54:34] --- Thread Timers --------------------

[8/11/2023 10:54:34] Thread[6] Basin Time=0.009 sec

[8/11/2023 10:54:34] Thread[6] BasinPoly Time=0.002 sec

[8/11/2023 10:54:34] Thread[6] Node Time=0.741 sec

[8/11/2023 10:54:35] Thread[6] Link Time=23.580 sec