[5/30/2023 8:10:48]

threads=-1

batch=4 of 6

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

nextsim=K:\SAR\_GIS\248153000-LBK\_Village\ENGINEERING\DMK Exist\Scenarios\Sc7\Simulations\Si8\

[5/30/2023 8:10:48] K:\SAR\_GIS\248153000-LBK\_Village\ENGINEERING\DMK Exist\Scenarios\Sc4\Simulations\Si6\echo.i4p

[5/30/2023 8:10:49] Reading Simulation

[5/30/2023 8:10:49] Simulation=5yr24hr

[5/30/2023 8:10:49] RunMode=0

[5/30/2023 8:10:49] HotStart=0

[5/30/2023 8:10:49] SaveRestart=0

[5/30/2023 8:10:49] StartYear=0

[5/30/2023 8:10:49] StartMonth=0

[5/30/2023 8:10:49] StartDay=0

[5/30/2023 8:10:49] StartHour=0.000

[5/30/2023 8:10:49] EndYear=0

[5/30/2023 8:10:49] EndMonth=0

[5/30/2023 8:10:49] EndDay=0

[5/30/2023 8:10:49] EndHour=30.000

[5/30/2023 8:10:49] HotstartYear=0

[5/30/2023 8:10:49] HotstartMonth=0

[5/30/2023 8:10:49] HotstartDay=0

[5/30/2023 8:10:49] HotstartHour=0.000

[5/30/2023 8:10:49] MinCalc\_Hydrology=60.000

[5/30/2023 8:10:49] MinCalc\_Hydraulics=0.100

[5/30/2023 8:10:49] MaxCalc\_Hydraulics=60.000

[5/30/2023 8:10:49] MinCalc\_Groundwater=900.000

[5/30/2023 8:10:49] RainfallSet=ICPR3

[5/30/2023 8:10:49] RefETSet=

[5/30/2023 8:10:49] UnitHydSet=ICPR3

[5/30/2023 8:10:49] BndStageSet=

[5/30/2023 8:10:49] ExHydSet=

[5/30/2023 8:10:49] CurveNumSet=

[5/30/2023 8:10:49] GreenAmptSet=

[5/30/2023 8:10:49] VertLayerSet=

[5/30/2023 8:10:49] ImpervSet=

[5/30/2023 8:10:49] RoughnessSet=

[5/30/2023 8:10:49] CropCoefSet=

[5/30/2023 8:10:49] PorosSet=

[5/30/2023 8:10:49] ConductSet=

[5/30/2023 8:10:50] LeakageSet=

[5/30/2023 8:10:50] TimeMarching=0

[5/30/2023 8:10:50] MaxIterations=6

[5/30/2023 8:10:50] OverRelaxWeightFactor=0.500

[5/30/2023 8:10:50] dZTolerance=0.001

[5/30/2023 8:10:50] MaxdZ=1.000

[5/30/2023 8:10:50] LinkOptTol=0.000

[5/30/2023 8:10:50] EdgeLengthOpt=0

[5/30/2023 8:10:50] EdgeLengthFactor=0.667

[5/30/2023 8:10:50] DefaultDampThresh2d=0.005

[5/30/2023 8:10:50] MinSurfArea2d=1.000

[5/30/2023 8:10:50] EnergySwitch2d=1

[5/30/2023 8:10:50] IaTime=24.000

[5/30/2023 8:10:50] IncludeETManBasns=0

[5/30/2023 8:10:50] VertLayerSoln=0

[5/30/2023 8:10:50] RainOptManBasns=1

[5/30/2023 8:10:50] RainOptOF=1

[5/30/2023 8:10:50] RainName=Flmod

[5/30/2023 8:10:50] RainAmount=6.000

[5/30/2023 8:10:50] StormDur=24.000

[5/30/2023 8:10:50] DefaultDampThresh1D=0.005

[5/30/2023 8:10:50] MinNodeSurfArea1D=113.000

[5/30/2023 8:10:50] EnergySwitch1D=1

[5/30/2023 8:10:50] Comment=

[5/30/2023 8:10:50] 7 threads [8 cores detected]

[5/30/2023 8:10:50] SolutionMethod=SAOR

[5/30/2023 8:10:50] No \_ET.TXT

[5/30/2023 8:10:50] No \_EV.TXT

[5/30/2023 8:10:50] Reading Operating Tables

[5/30/2023 8:10:50] Reading Cross Sections

[5/30/2023 8:10:50] Reading 1D Nodes

[5/30/2023 8:10:51] Reading Overland Flow Nodes

[5/30/2023 8:10:51] Reading 1D Channels

[5/30/2023 8:10:51] Setting up channel ghost nodes

[5/30/2023 8:10:51] Reading Pipes

[5/30/2023 8:10:51] Reading Rating Curves

[5/30/2023 8:10:51] Reading Weirs

[5/30/2023 8:10:51] Reading Drop Structures

[5/30/2023 8:10:51] Reading Breaches

[5/30/2023 8:10:51] Reading Percs

[5/30/2023 8:10:51] Reading Overland Flow Channels

[5/30/2023 8:10:51] Reading Overland Flow Weirs

[5/30/2023 8:10:51] Setting up ghost nodes

[5/30/2023 8:10:51] Reading Manual Basins

[5/30/2023 8:10:51] Reading Overland Flow Basins

[5/30/2023 8:10:51] Sorting basins

[5/30/2023 8:10:52] Reading Basin Features

[5/30/2023 8:10:52] Reading Groundwater

[5/30/2023 8:10:52] Initializing threads

[5/30/2023 8:10:52] Build Complete

[5/30/2023 8:10:52] Total basin area=56.980

[5/30/2023 8:10:52] Basins: Minarea\_ft2=39204.00000 Maxarea\_ft2=322344.00000 Avgarea\_ft2=130634.14737

[5/30/2023 8:10:52]

[5/30/2023 8:10:52] --- Hydrology Counts -----------------------------------------------

[5/30/2023 8:10:52] Total Basin = 19

[5/30/2023 8:10:52] Direct Basin = 0

[5/30/2023 8:10:52] Manual NRCS Basin = 0

[5/30/2023 8:10:52] Manual SB Basin = 0

[5/30/2023 8:10:52] Mapped NRCS Basin = 0

[5/30/2023 8:10:52] Mapped SB Basin = 0

[5/30/2023 8:10:52] Simple NRCS Basin = 19

[5/30/2023 8:10:52] Simple SB Basin = 0

[5/30/2023 8:10:52] Total Basin Polygon = 19

[5/30/2023 8:10:52] Manual Basin Polygon = 0

[5/30/2023 8:10:52] Mapped Basin Polygon = 0

[5/30/2023 8:10:52] 2D Basin Polygon = 0

[5/30/2023 8:10:52] Crop = 0

[5/30/2023 8:10:52] Reference ET = 0

[5/30/2023 8:10:52] Rainfall = 1

[5/30/2023 8:10:52] Green Ampt Parameter = 0

[5/30/2023 8:10:53] Vert Layer Parameter = 0

[5/30/2023 8:10:53] Curve Number Parameter = 20

[5/30/2023 8:10:53] Imperviousness = 20

[5/30/2023 8:10:53]

[5/30/2023 8:10:53] --- Routing Counts -------------------------------------------------

[5/30/2023 8:10:53] Region = 0

[5/30/2023 8:10:53] Total Node = 41

[5/30/2023 8:10:53] 1D Stage Area = 31

[5/30/2023 8:10:53] 1D Time Stage = 10

[5/30/2023 8:10:53] 1D Drop Nodes = 0

[5/30/2023 8:10:53] 2D Stage Area = 0

[5/30/2023 8:10:53] 2D Time Stage = 0

[5/30/2023 8:10:53] 2D Pond Ghost = 0

[5/30/2023 8:10:53] 2D Chan Ghost = 0

[5/30/2023 8:10:53] 1D/2D Node Interfaces = 0

[5/30/2023 8:10:53] 1D/2D Injection Wells = 0

[5/30/2023 8:10:53] Total Link = 64

[5/30/2023 8:10:53] 1D Pipe = 27

[5/30/2023 8:10:53] 1D Drop Structure = 0

[5/30/2023 8:10:53] 1D French Drain = 0

[5/30/2023 8:10:53] 1D Channel = 18

[5/30/2023 8:10:54] 2D Channel = 0

[5/30/2023 8:10:54] 1D Weir = 5

[5/30/2023 8:10:54] 1D Drop Weir = 0

[5/30/2023 8:10:54] 2D Weir = 0

[5/30/2023 8:10:54] 1D Rating Curve = 14

[5/30/2023 8:10:54] 1D Percolation = 0

[5/30/2023 8:10:54] Cross Section = 9

[5/30/2023 8:10:54] Operating Table = 5

[5/30/2023 8:10:54]

[5/30/2023 8:10:54] --- Groundwater Counts ---------------------------------------------

[5/30/2023 8:10:54] Region = 0

[5/30/2023 8:10:54] Triangle = 0

[5/30/2023 8:10:54] Vertex = 0

[5/30/2023 8:10:54] Midpoint = 0

[5/30/2023 8:10:54] --------------------------------------------------------------------

[5/30/2023 8:10:54]

[5/30/2023 8:10:56] Processing Initial Link Flows...

[5/30/2023 8:10:56] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2023 8:10:58] Node 1400 caused a revert (this will only be logged once per node)

[5/30/2023 8:10:58] Node 1401A caused a revert (this will only be logged once per node)

[5/30/2023 8:11:20] Node 900 caused a revert (this will only be logged once per node)

[5/30/2023 8:11:23] Node 200 caused a revert (this will only be logged once per node)

[5/30/2023 8:11:27] Node 1700 caused a revert (this will only be logged once per node)

[5/30/2023 8:11:29] Node 1000 caused a revert (this will only be logged once per node)

[5/30/2023 8:13:24] Node 1001A caused a revert (this will only be logged once per node)

[5/30/2023 8:13:25] Node 1700A caused a revert (this will only be logged once per node)

[5/30/2023 8:13:25] Node 1701A1 caused a revert (this will only be logged once per node)

[5/30/2023 8:13:25] Node 1701A caused a revert (this will only be logged once per node)

[5/30/2023 8:13:27] Node 901A caused a revert (this will only be logged once per node)

[5/30/2023 8:13:34] Node 400 caused a revert (this will only be logged once per node)

[5/30/2023 8:13:43] Node 1900 caused a revert (this will only be logged once per node)

[5/30/2023 8:17:44] Conduit Optimizer Total Count=61858897 of 131506540

[5/30/2023 8:17:44] PC busted 9547 of 726104

[5/30/2023 8:17:44] Average Iterations was 3.116

[5/30/2023 8:17:44] Average dt was 0.15795 sec

[5/30/2023 8:17:44] Revert count=42323

[5/30/2023 8:17:44]

[5/30/2023 8:17:44] ---- Timers -----------------------------

[5/30/2023 8:17:44] Total Time=407.551 sec

[5/30/2023 8:17:44] Basin Time=0.176 sec

[5/30/2023 8:17:44] BasinPoly Time=0.266 sec

[5/30/2023 8:17:44] Node Time=35.377 sec

[5/30/2023 8:17:44] Link Time=127.999 sec

[5/30/2023 8:17:44] Hydrology Output Time=123.127 sec

[5/30/2023 8:17:44] Groundwater Output Time=0.176 sec

[5/30/2023 8:17:44] Routing Output Time=92.967 sec

[5/30/2023 8:17:44] --- Thread Timers --------------------

[5/30/2023 8:17:44] Thread[0] Basin Time=0.028 sec

[5/30/2023 8:17:44] Thread[0] BasinPoly Time=0.003 sec

[5/30/2023 8:17:44] Thread[0] Node Time=2.738 sec

[5/30/2023 8:17:44] Thread[0] Link Time=23.063 sec

[5/30/2023 8:17:44] --- Thread Timers --------------------

[5/30/2023 8:17:44] Thread[1] Basin Time=0.022 sec

[5/30/2023 8:17:45] Thread[1] BasinPoly Time=0.003 sec

[5/30/2023 8:17:45] Thread[1] Node Time=3.181 sec

[5/30/2023 8:17:45] Thread[1] Link Time=95.236 sec

[5/30/2023 8:17:45] --- Thread Timers --------------------

[5/30/2023 8:17:45] Thread[2] Basin Time=0.019 sec

[5/30/2023 8:17:45] Thread[2] BasinPoly Time=0.003 sec

[5/30/2023 8:17:45] Thread[2] Node Time=3.125 sec

[5/30/2023 8:17:45] Thread[2] Link Time=11.044 sec

[5/30/2023 8:17:45] --- Thread Timers --------------------

[5/30/2023 8:17:45] Thread[3] Basin Time=0.022 sec

[5/30/2023 8:17:45] Thread[3] BasinPoly Time=0.003 sec

[5/30/2023 8:17:45] Thread[3] Node Time=3.116 sec

[5/30/2023 8:17:45] Thread[3] Link Time=16.105 sec

[5/30/2023 8:17:45] --- Thread Timers --------------------

[5/30/2023 8:17:45] Thread[4] Basin Time=0.020 sec

[5/30/2023 8:17:45] Thread[4] BasinPoly Time=0.003 sec

[5/30/2023 8:17:45] Thread[4] Node Time=2.810 sec

[5/30/2023 8:17:45] Thread[4] Link Time=10.020 sec

[5/30/2023 8:17:45] --- Thread Timers --------------------

[5/30/2023 8:17:45] Thread[5] Basin Time=0.017 sec

[5/30/2023 8:17:45] Thread[5] BasinPoly Time=0.003 sec

[5/30/2023 8:17:45] Thread[5] Node Time=3.346 sec

[5/30/2023 8:17:45] Thread[5] Link Time=35.621 sec

[5/30/2023 8:17:45] --- Thread Timers --------------------

[5/30/2023 8:17:45] Thread[6] Basin Time=0.013 sec

[5/30/2023 8:17:45] Thread[6] BasinPoly Time=0.003 sec

[5/30/2023 8:17:45] Thread[6] Node Time=2.455 sec

[5/30/2023 8:17:45] Thread[6] Link Time=32.477 sec