[5/30/2023 8:04:47]

 threads=-1

 batch=3 of 6

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

 nextsim=K:\SAR\_GIS\248153000-LBK\_Village\ENGINEERING\DMK Exist\Scenarios\Sc4\Simulations\Si6\

[5/30/2023 8:04:47] K:\SAR\_GIS\248153000-LBK\_Village\ENGINEERING\DMK Exist\Scenarios\Sc4\Simulations\Si5\echo.i4p

[5/30/2023 8:04:47] Reading Simulation

[5/30/2023 8:04:47] Simulation=10yr24hr

[5/30/2023 8:04:47] RunMode=0

[5/30/2023 8:04:47] HotStart=0

[5/30/2023 8:04:47] SaveRestart=0

[5/30/2023 8:04:47] StartYear=0

[5/30/2023 8:04:47] StartMonth=0

[5/30/2023 8:04:47] StartDay=0

[5/30/2023 8:04:47] StartHour=0.000

[5/30/2023 8:04:47] EndYear=0

[5/30/2023 8:04:47] EndMonth=0

[5/30/2023 8:04:47] EndDay=0

[5/30/2023 8:04:47] EndHour=30.000

[5/30/2023 8:04:47] HotstartYear=0

[5/30/2023 8:04:47] HotstartMonth=0

[5/30/2023 8:04:47] HotstartDay=0

[5/30/2023 8:04:47] HotstartHour=0.000

[5/30/2023 8:04:47] MinCalc\_Hydrology=60.000

[5/30/2023 8:04:47] MinCalc\_Hydraulics=0.100

[5/30/2023 8:04:47] MaxCalc\_Hydraulics=60.000

[5/30/2023 8:04:47] MinCalc\_Groundwater=900.000

[5/30/2023 8:04:47] RainfallSet=ICPR3

[5/30/2023 8:04:47] RefETSet=

[5/30/2023 8:04:47] UnitHydSet=ICPR3

[5/30/2023 8:04:48] BndStageSet=

[5/30/2023 8:04:48] ExHydSet=

[5/30/2023 8:04:48] CurveNumSet=

[5/30/2023 8:04:48] GreenAmptSet=

[5/30/2023 8:04:48] VertLayerSet=

[5/30/2023 8:04:48] ImpervSet=

[5/30/2023 8:04:48] RoughnessSet=

[5/30/2023 8:04:48] CropCoefSet=

[5/30/2023 8:04:48] PorosSet=

[5/30/2023 8:04:48] ConductSet=

[5/30/2023 8:04:48] LeakageSet=

[5/30/2023 8:04:48] TimeMarching=0

[5/30/2023 8:04:48] MaxIterations=6

[5/30/2023 8:04:48] OverRelaxWeightFactor=0.500

[5/30/2023 8:04:48] dZTolerance=0.001

[5/30/2023 8:04:48] MaxdZ=1.000

[5/30/2023 8:04:48] LinkOptTol=0.000

[5/30/2023 8:04:48] EdgeLengthOpt=0

[5/30/2023 8:04:48] EdgeLengthFactor=0.667

[5/30/2023 8:04:48] DefaultDampThresh2d=0.005

[5/30/2023 8:04:48] MinSurfArea2d=1.000

[5/30/2023 8:04:48] EnergySwitch2d=1

[5/30/2023 8:04:48] IaTime=24.000

[5/30/2023 8:04:48] IncludeETManBasns=0

[5/30/2023 8:04:48] VertLayerSoln=0

[5/30/2023 8:04:48] RainOptManBasns=1

[5/30/2023 8:04:48] RainOptOF=1

[5/30/2023 8:04:48] RainName=Flmod

[5/30/2023 8:04:48] RainAmount=7.000

[5/30/2023 8:04:48] StormDur=24.000

[5/30/2023 8:04:48] DefaultDampThresh1D=0.005

[5/30/2023 8:04:48] MinNodeSurfArea1D=113.000

[5/30/2023 8:04:48] EnergySwitch1D=1

[5/30/2023 8:04:48] Comment=

10yr24hr

[5/30/2023 8:04:48] 7 threads [8 cores detected]

[5/30/2023 8:04:48] SolutionMethod=SAOR

[5/30/2023 8:04:48] No \_ET.TXT

[5/30/2023 8:04:48] No \_EV.TXT

[5/30/2023 8:04:49] Reading Operating Tables

[5/30/2023 8:04:49] Reading Cross Sections

[5/30/2023 8:04:49] Reading 1D Nodes

[5/30/2023 8:04:49] Reading Overland Flow Nodes

[5/30/2023 8:04:49] Reading 1D Channels

[5/30/2023 8:04:49] Setting up channel ghost nodes

[5/30/2023 8:04:49] Reading Pipes

[5/30/2023 8:04:49] Reading Rating Curves

[5/30/2023 8:04:49] Reading Weirs

[5/30/2023 8:04:49] Reading Drop Structures

[5/30/2023 8:04:49] Reading Breaches

[5/30/2023 8:04:49] Reading Percs

[5/30/2023 8:04:50] Reading Overland Flow Channels

[5/30/2023 8:04:50] Reading Overland Flow Weirs

[5/30/2023 8:04:50] Setting up ghost nodes

[5/30/2023 8:04:50] Reading Manual Basins

[5/30/2023 8:04:50] Reading Overland Flow Basins

[5/30/2023 8:04:50] Sorting basins

[5/30/2023 8:04:50] Reading Basin Features

[5/30/2023 8:04:50] Reading Groundwater

[5/30/2023 8:04:50] Initializing threads

[5/30/2023 8:04:50] Build Complete

[5/30/2023 8:04:51] Total basin area=56.980

[5/30/2023 8:04:51] Basins: Minarea\_ft2=39204.00000 Maxarea\_ft2=322344.00000 Avgarea\_ft2=130634.14737

[5/30/2023 8:04:51]

[5/30/2023 8:04:51] --- Hydrology Counts -----------------------------------------------

[5/30/2023 8:04:51] Total Basin = 19

[5/30/2023 8:04:51] Direct Basin = 0

[5/30/2023 8:04:51] Manual NRCS Basin = 0

[5/30/2023 8:04:51] Manual SB Basin = 0

[5/30/2023 8:04:51] Mapped NRCS Basin = 0

[5/30/2023 8:04:51] Mapped SB Basin = 0

[5/30/2023 8:04:51] Simple NRCS Basin = 19

[5/30/2023 8:04:51] Simple SB Basin = 0

[5/30/2023 8:04:51] Total Basin Polygon = 19

[5/30/2023 8:04:51] Manual Basin Polygon = 0

[5/30/2023 8:04:51] Mapped Basin Polygon = 0

[5/30/2023 8:04:51] 2D Basin Polygon = 0

[5/30/2023 8:04:52] Crop = 0

[5/30/2023 8:04:52] Reference ET = 0

[5/30/2023 8:04:52] Rainfall = 1

[5/30/2023 8:04:52] Green Ampt Parameter = 0

[5/30/2023 8:04:52] Vert Layer Parameter = 0

[5/30/2023 8:04:52] Curve Number Parameter = 20

[5/30/2023 8:04:52] Imperviousness = 20

[5/30/2023 8:04:52]

[5/30/2023 8:04:52] --- Routing Counts -------------------------------------------------

[5/30/2023 8:04:52] Region = 0

[5/30/2023 8:04:52] Total Node = 41

[5/30/2023 8:04:52] 1D Stage Area = 31

[5/30/2023 8:04:52] 1D Time Stage = 10

[5/30/2023 8:04:52] 1D Drop Nodes = 0

[5/30/2023 8:04:52] 2D Stage Area = 0

[5/30/2023 8:04:52] 2D Time Stage = 0

[5/30/2023 8:04:52] 2D Pond Ghost = 0

[5/30/2023 8:04:52] 2D Chan Ghost = 0

[5/30/2023 8:04:52] 1D/2D Node Interfaces = 0

[5/30/2023 8:04:52] 1D/2D Injection Wells = 0

[5/30/2023 8:04:52] Total Link = 64

[5/30/2023 8:04:52] 1D Pipe = 27

[5/30/2023 8:04:53] 1D Drop Structure = 0

[5/30/2023 8:04:53] 1D French Drain = 0

[5/30/2023 8:04:53] 1D Channel = 18

[5/30/2023 8:04:53] 2D Channel = 0

[5/30/2023 8:04:53] 1D Weir = 5

[5/30/2023 8:04:53] 1D Drop Weir = 0

[5/30/2023 8:04:53] 2D Weir = 0

[5/30/2023 8:04:53] 1D Rating Curve = 14

[5/30/2023 8:04:53] 1D Percolation = 0

[5/30/2023 8:04:53] Cross Section = 9

[5/30/2023 8:04:53] Operating Table = 5

[5/30/2023 8:04:53]

[5/30/2023 8:04:53] --- Groundwater Counts ---------------------------------------------

[5/30/2023 8:04:53] Region = 0

[5/30/2023 8:04:53] Triangle = 0

[5/30/2023 8:04:54] Vertex = 0

[5/30/2023 8:04:54] Midpoint = 0

[5/30/2023 8:04:54] --------------------------------------------------------------------

[5/30/2023 8:04:54]

[5/30/2023 8:04:56] Processing Initial Link Flows...

[5/30/2023 8:04:56] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2023 8:04:57] Node 1400 caused a revert (this will only be logged once per node)

[5/30/2023 8:04:57] Node 1401A caused a revert (this will only be logged once per node)

[5/30/2023 8:05:14] Node 900 caused a revert (this will only be logged once per node)

[5/30/2023 8:05:17] Node 200 caused a revert (this will only be logged once per node)

[5/30/2023 8:05:22] Node 1700 caused a revert (this will only be logged once per node)

[5/30/2023 8:05:23] Node 1000 caused a revert (this will only be logged once per node)

[5/30/2023 8:07:13] Node 1001A caused a revert (this will only be logged once per node)

[5/30/2023 8:07:13] Node 1700A caused a revert (this will only be logged once per node)

[5/30/2023 8:07:14] Node 1701A1 caused a revert (this will only be logged once per node)

[5/30/2023 8:07:14] Node 1701A caused a revert (this will only be logged once per node)

[5/30/2023 8:07:15] Node 158 caused a revert (this will only be logged once per node)

[5/30/2023 8:07:15] Node 901A caused a revert (this will only be logged once per node)

[5/30/2023 8:07:15] Node 201A caused a revert (this will only be logged once per node)

[5/30/2023 8:07:16] Node 500 caused a revert (this will only be logged once per node)

[5/30/2023 8:07:16] Node 179 caused a revert (this will only be logged once per node)

[5/30/2023 8:07:19] Node 1800 caused a revert (this will only be logged once per node)

[5/30/2023 8:07:23] Node 400 caused a revert (this will only be logged once per node)

[5/30/2023 8:07:31] Node 1900 caused a revert (this will only be logged once per node)

[5/30/2023 8:10:48] Conduit Optimizer Total Count=64284341 of 135792756

[5/30/2023 8:10:48] PC busted 9456 of 740431

[5/30/2023 8:10:48] Average Iterations was 3.168

[5/30/2023 8:10:48] Average dt was 0.15493 sec

[5/30/2023 8:10:48] Revert count=43313

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

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

[5/30/2023 8:10:48] Total Time=352.289 sec

[5/30/2023 8:10:48] Basin Time=0.111 sec

[5/30/2023 8:10:48] BasinPoly Time=0.223 sec

[5/30/2023 8:10:48] Node Time=27.019 sec

[5/30/2023 8:10:48] Link Time=121.252 sec

[5/30/2023 8:10:48] Hydrology Output Time=116.871 sec

[5/30/2023 8:10:48] Groundwater Output Time=0.179 sec

[5/30/2023 8:10:48] Routing Output Time=58.359 sec

[5/30/2023 8:10:48] --- Thread Timers --------------------

[5/30/2023 8:10:48] Thread[0] Basin Time=0.027 sec

[5/30/2023 8:10:48] Thread[0] BasinPoly Time=0.005 sec

[5/30/2023 8:10:48] Thread[0] Node Time=2.889 sec

[5/30/2023 8:10:48] Thread[0] Link Time=22.924 sec

[5/30/2023 8:10:48] --- Thread Timers --------------------

[5/30/2023 8:10:48] Thread[1] Basin Time=0.021 sec

[5/30/2023 8:10:48] Thread[1] BasinPoly Time=0.003 sec

[5/30/2023 8:10:49] Thread[1] Node Time=3.074 sec

[5/30/2023 8:10:49] Thread[1] Link Time=95.390 sec

[5/30/2023 8:10:49] --- Thread Timers --------------------

[5/30/2023 8:10:49] Thread[2] Basin Time=0.019 sec

[5/30/2023 8:10:49] Thread[2] BasinPoly Time=0.003 sec

[5/30/2023 8:10:49] Thread[2] Node Time=3.039 sec

[5/30/2023 8:10:49] Thread[2] Link Time=10.852 sec

[5/30/2023 8:10:49] --- Thread Timers --------------------

[5/30/2023 8:10:49] Thread[3] Basin Time=0.021 sec

[5/30/2023 8:10:49] Thread[3] BasinPoly Time=0.003 sec

[5/30/2023 8:10:49] Thread[3] Node Time=2.953 sec

[5/30/2023 8:10:49] Thread[3] Link Time=15.811 sec

[5/30/2023 8:10:49] --- Thread Timers --------------------

[5/30/2023 8:10:49] Thread[4] Basin Time=0.021 sec

[5/30/2023 8:10:49] Thread[4] BasinPoly Time=0.003 sec

[5/30/2023 8:10:49] Thread[4] Node Time=2.770 sec

[5/30/2023 8:10:49] Thread[4] Link Time=9.792 sec

[5/30/2023 8:10:49] --- Thread Timers --------------------

[5/30/2023 8:10:49] Thread[5] Basin Time=0.019 sec

[5/30/2023 8:10:49] Thread[5] BasinPoly Time=0.002 sec

[5/30/2023 8:10:49] Thread[5] Node Time=3.346 sec

[5/30/2023 8:10:49] Thread[5] Link Time=35.383 sec

[5/30/2023 8:10:49] --- Thread Timers --------------------

[5/30/2023 8:10:49] Thread[6] Basin Time=0.014 sec

[5/30/2023 8:10:49] Thread[6] BasinPoly Time=0.002 sec

[5/30/2023 8:10:49] Thread[6] Node Time=2.492 sec

[5/30/2023 8:10:49] Thread[6] Link Time=31.808 sec