[10/25/2023 12:20:34]

 threads=-1

 batch=3 of 4

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

 nextsim=C:\Work space\LBK Village\Scenarios\Sc31\Simulations\Si35\

[10/25/2023 12:20:34] C:\Work space\LBK Village\Scenarios\Sc31\Simulations\Si39\echo.i4p

[10/25/2023 12:20:35] Reading Simulation

[10/25/2023 12:20:35] Simulation=25YR24HR-HT

[10/25/2023 12:20:35] RunMode=0

[10/25/2023 12:20:35] HotStart=0

[10/25/2023 12:20:35] SaveRestart=0

[10/25/2023 12:20:35] StartYear=0

[10/25/2023 12:20:35] StartMonth=0

[10/25/2023 12:20:35] StartDay=0

[10/25/2023 12:20:35] StartHour=0.000

[10/25/2023 12:20:35] EndYear=0

[10/25/2023 12:20:35] EndMonth=0

[10/25/2023 12:20:35] EndDay=0

[10/25/2023 12:20:36] EndHour=48.000

[10/25/2023 12:20:36] HotstartYear=0

[10/25/2023 12:20:36] HotstartMonth=0

[10/25/2023 12:20:36] HotstartDay=0

[10/25/2023 12:20:36] HotstartHour=0.000

[10/25/2023 12:20:36] MinCalc\_Hydrology=60.000

[10/25/2023 12:20:36] MinCalc\_Hydraulics=0.100

[10/25/2023 12:20:36] MaxCalc\_Hydraulics=60.000

[10/25/2023 12:20:36] MinCalc\_Groundwater=900.000

[10/25/2023 12:20:36] RainfallSet=ICPR3

[10/25/2023 12:20:36] RefETSet=

[10/25/2023 12:20:37] UnitHydSet=ICPR3

[10/25/2023 12:20:37] BndStageSet=OBS-HT

[10/25/2023 12:20:37] ExHydSet=

[10/25/2023 12:20:37] CurveNumSet=

[10/25/2023 12:20:37] GreenAmptSet=

[10/25/2023 12:20:37] VertLayerSet=

[10/25/2023 12:20:37] ImpervSet=

[10/25/2023 12:20:37] RoughnessSet=

[10/25/2023 12:20:37] CropCoefSet=

[10/25/2023 12:20:37] PorosSet=

[10/25/2023 12:20:37] ConductSet=

[10/25/2023 12:20:38] LeakageSet=

[10/25/2023 12:20:38] TimeMarching=0

[10/25/2023 12:20:38] MaxIterations=6

[10/25/2023 12:20:38] OverRelaxWeightFactor=0.500

[10/25/2023 12:20:38] dZTolerance=0.001

[10/25/2023 12:20:38] MaxdZ=1.000

[10/25/2023 12:20:38] LinkOptTol=0.000

[10/25/2023 12:20:38] EdgeLengthOpt=0

[10/25/2023 12:20:38] EdgeLengthFactor=0.667

[10/25/2023 12:20:38] DefaultDampThresh2d=0.005

[10/25/2023 12:20:38] MinSurfArea2d=1.000

[10/25/2023 12:20:39] EnergySwitch2d=1

[10/25/2023 12:20:39] IaTime=24.000

[10/25/2023 12:20:39] IncludeETManBasns=0

[10/25/2023 12:20:39] VertLayerSoln=0

[10/25/2023 12:20:39] RainOptManBasns=1

[10/25/2023 12:20:39] RainOptOF=1

[10/25/2023 12:20:39] RainName=Flmod

[10/25/2023 12:20:39] RainAmount=8.000

[10/25/2023 12:20:39] StormDur=24.000

[10/25/2023 12:20:39] DefaultDampThresh1D=0.005

[10/25/2023 12:20:40] MinNodeSurfArea1D=113.000

[10/25/2023 12:20:40] EnergySwitch1D=1

[10/25/2023 12:20:40] Comment=

[10/25/2023 12:20:40] 7 threads [8 cores detected]

[10/25/2023 12:20:40] SolutionMethod=SAOR

[10/25/2023 12:20:40] No \_ET.TXT

[10/25/2023 12:20:40] No \_EV.TXT

[10/25/2023 12:20:40] Reading Operating Tables

[10/25/2023 12:20:41] Reading Cross Sections

[10/25/2023 12:20:41] Reading 1D Nodes

[10/25/2023 12:20:41] Reading Overland Flow Nodes

[10/25/2023 12:20:41] Reading 1D Channels

[10/25/2023 12:20:41] Setting up channel ghost nodes

[10/25/2023 12:20:41] Reading Pipes

[10/25/2023 12:20:42] Reading Rating Curves

[10/25/2023 12:20:42] Reading Weirs

[10/25/2023 12:20:42] Reading Drop Structures

[10/25/2023 12:20:42] Reading Breaches

[10/25/2023 12:20:42] Reading Percs

[10/25/2023 12:20:42] Reading Overland Flow Channels

[10/25/2023 12:20:42] Reading Overland Flow Weirs

[10/25/2023 12:20:42] Setting up ghost nodes

[10/25/2023 12:20:43] Reading Manual Basins

[10/25/2023 12:20:43] Reading Overland Flow Basins

[10/25/2023 12:20:43] Sorting basins

[10/25/2023 12:20:43] Reading Basin Features

[10/25/2023 12:20:43] Reading Groundwater

[10/25/2023 12:20:43] Hooking groundwater up to overland flow meshes

[10/25/2023 12:20:43] Initializing threads

[10/25/2023 12:20:43] Build Complete

[10/25/2023 12:20:43] Total basin area=58.210

[10/25/2023 12:20:43] Basins: Minarea\_ft2=30492.00000 Maxarea\_ft2=376358.40000 Avgarea\_ft2=133454.08421

[10/25/2023 12:20:43]

[10/25/2023 12:20:43] --- Hydrology Counts -----------------------------------------------

[10/25/2023 12:20:44] Total Basin = 19

[10/25/2023 12:20:44] Direct Basin = 0

[10/25/2023 12:20:44] Manual NRCS Basin = 0

[10/25/2023 12:20:44] Manual SB Basin = 0

[10/25/2023 12:20:44] Mapped NRCS Basin = 0

[10/25/2023 12:20:44] Mapped SB Basin = 0

[10/25/2023 12:20:44] Simple NRCS Basin = 19

[10/25/2023 12:20:44] Simple SB Basin = 0

[10/25/2023 12:20:44] Total Basin Polygon = 19

[10/25/2023 12:20:45] Manual Basin Polygon = 0

[10/25/2023 12:20:45] Mapped Basin Polygon = 0

[10/25/2023 12:20:45] 2D Basin Polygon = 0

[10/25/2023 12:20:45] Crop = 0

[10/25/2023 12:20:45] Reference ET = 0

[10/25/2023 12:20:45] Rainfall = 1

[10/25/2023 12:20:45] Green Ampt Parameter = 0

[10/25/2023 12:20:45] Vert Layer Parameter = 0

[10/25/2023 12:20:45] Curve Number Parameter = 20

[10/25/2023 12:20:46] Imperviousness = 20

[10/25/2023 12:20:46]

[10/25/2023 12:20:46] --- Routing Counts -------------------------------------------------

[10/25/2023 12:20:46] Region = 0

[10/25/2023 12:20:46] Total Node = 41

[10/25/2023 12:20:46] 1D Stage Area = 31

[10/25/2023 12:20:46] 1D Time Stage = 10

[10/25/2023 12:20:46] 1D Drop Nodes = 0

[10/25/2023 12:20:46] 2D Stage Area = 0

[10/25/2023 12:20:46] 2D Time Stage = 0

[10/25/2023 12:20:47] 2D Pond Ghost = 0

[10/25/2023 12:20:47] 2D Chan Ghost = 0

[10/25/2023 12:20:47] 1D/2D Node Interfaces = 0

[10/25/2023 12:20:47] 1D/2D Injection Wells = 0

[10/25/2023 12:20:47] Total Link = 87

[10/25/2023 12:20:47] 1D Pipe = 28

[10/25/2023 12:20:47] 1D Drop Structure = 0

[10/25/2023 12:20:47] 1D French Drain = 0

[10/25/2023 12:20:48] 1D Channel = 0

[10/25/2023 12:20:48] 2D Channel = 0

[10/25/2023 12:20:48] 1D Weir = 50

[10/25/2023 12:20:48] 1D Drop Weir = 0

[10/25/2023 12:20:48] 2D Weir = 0

[10/25/2023 12:20:48] 1D Rating Curve = 9

[10/25/2023 12:20:48] 1D Percolation = 0

[10/25/2023 12:20:48] Cross Section = 59

[10/25/2023 12:20:48] Operating Table = 11

[10/25/2023 12:20:48]

[10/25/2023 12:20:49] --- Groundwater Counts ---------------------------------------------

[10/25/2023 12:20:49] Region = 0

[10/25/2023 12:20:49] Triangle = 0

[10/25/2023 12:20:49] Vertex = 0

[10/25/2023 12:20:49] Midpoint = 0

[10/25/2023 12:20:49] --------------------------------------------------------------------

[10/25/2023 12:20:49]

[10/25/2023 12:20:49] Processing Initial Link Flows...

[10/25/2023 12:20:49] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[10/25/2023 12:20:50] Node 1300 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:50] Node 1400 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:50] Node 1400A caused a revert (this will only be logged once per node)

[10/25/2023 12:20:50] Node 1700 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:50] Node 1700B caused a revert (this will only be logged once per node)

[10/25/2023 12:20:50] Node 400 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:50] Node 1600 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:50] Node 179 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:50] Node 500 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:51] Node 300 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:51] Node 900 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:51] Node 901A caused a revert (this will only be logged once per node)

[10/25/2023 12:20:51] Node 100 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:51] Node 1200 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:51] Node 1200A caused a revert (this will only be logged once per node)

[10/25/2023 12:20:51] Node 158 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:51] Node 800 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:52] Node 1500 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:52] Node 1700A caused a revert (this will only be logged once per node)

[10/25/2023 12:20:52] Node 1701A caused a revert (this will only be logged once per node)

[10/25/2023 12:20:52] Node 1701A1 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:59] Node 200 caused a revert (this will only be logged once per node)

[10/25/2023 12:20:59] Node 201A caused a revert (this will only be logged once per node)

[10/25/2023 12:21:33] Node 1001A caused a revert (this will only be logged once per node)

[10/25/2023 12:21:34] Node 1000 caused a revert (this will only be logged once per node)

[10/25/2023 12:21:49] Conduit Optimizer Total Count=10074867 of 11699800

[10/25/2023 12:21:49] PC busted 32 of 179828

[10/25/2023 12:21:49] Average Iterations was 1.324

[10/25/2023 12:21:49] Average dt was 1.00746 sec

[10/25/2023 12:21:49] Revert count=8305

[10/25/2023 12:21:49]

[10/25/2023 12:21:49] ---- Timers -----------------------------

[10/25/2023 12:21:49] Total Time=59.496 sec

[10/25/2023 12:21:49] Basin Time=0.181 sec

[10/25/2023 12:21:50] BasinPoly Time=0.295 sec

[10/25/2023 12:21:50] Node Time=8.299 sec

[10/25/2023 12:21:50] Link Time=28.220 sec

[10/25/2023 12:21:50] Hydrology Output Time=16.977 sec

[10/25/2023 12:21:50] Groundwater Output Time=0.028 sec

[10/25/2023 12:21:50] Routing Output Time=1.306 sec

[10/25/2023 12:21:51] --- Thread Timers --------------------

[10/25/2023 12:21:51] Thread[0] Basin Time=0.019 sec

[10/25/2023 12:21:51] Thread[0] BasinPoly Time=0.004 sec

[10/25/2023 12:21:51] Thread[0] Node Time=0.495 sec

[10/25/2023 12:21:51] Thread[0] Link Time=14.848 sec

[10/25/2023 12:21:51] --- Thread Timers --------------------

[10/25/2023 12:21:52] Thread[1] Basin Time=0.013 sec

[10/25/2023 12:21:52] Thread[1] BasinPoly Time=0.004 sec

[10/25/2023 12:21:52] Thread[1] Node Time=0.579 sec

[10/25/2023 12:21:52] Thread[1] Link Time=9.006 sec

[10/25/2023 12:21:52] --- Thread Timers --------------------

[10/25/2023 12:21:52] Thread[2] Basin Time=0.016 sec

[10/25/2023 12:21:53] Thread[2] BasinPoly Time=0.004 sec

[10/25/2023 12:21:53] Thread[2] Node Time=0.488 sec

[10/25/2023 12:21:53] Thread[2] Link Time=7.794 sec

[10/25/2023 12:21:53] --- Thread Timers --------------------

[10/25/2023 12:21:53] Thread[3] Basin Time=0.023 sec

[10/25/2023 12:21:54] Thread[3] BasinPoly Time=0.004 sec

[10/25/2023 12:21:54] Thread[3] Node Time=0.558 sec

[10/25/2023 12:21:54] Thread[3] Link Time=7.744 sec

[10/25/2023 12:21:54] --- Thread Timers --------------------

[10/25/2023 12:21:54] Thread[4] Basin Time=0.014 sec

[10/25/2023 12:21:54] Thread[4] BasinPoly Time=0.009 sec

[10/25/2023 12:21:54] Thread[4] Node Time=0.503 sec

[10/25/2023 12:21:54] Thread[4] Link Time=6.584 sec

[10/25/2023 12:21:54] --- Thread Timers --------------------

[10/25/2023 12:21:55] Thread[5] Basin Time=0.011 sec

[10/25/2023 12:21:55] Thread[5] BasinPoly Time=0.003 sec

[10/25/2023 12:21:55] Thread[5] Node Time=0.523 sec

[10/25/2023 12:21:55] Thread[5] Link Time=14.260 sec

[10/25/2023 12:21:55] --- Thread Timers --------------------

[10/25/2023 12:21:55] Thread[6] Basin Time=0.013 sec

[10/25/2023 12:21:55] Thread[6] BasinPoly Time=0.003 sec

[10/25/2023 12:21:55] Thread[6] Node Time=0.449 sec

[10/25/2023 12:21:55] Thread[6] Link Time=12.138 sec