[10/6/2023 8:57:45]

threads=-1

batch=1 of 7

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

nextsim=C:\Work space\LBK Village\Scenarios\Sc13\Simulations\Si14\

[10/6/2023 8:57:45] C:\Work space\LBK Village\Scenarios\Sc13\Simulations\Si16\echo.i4p

[10/6/2023 8:57:45] Reading Simulation

[10/6/2023 8:57:45] Simulation=100yr24hr

[10/6/2023 8:57:45] RunMode=0

[10/6/2023 8:57:45] HotStart=0

[10/6/2023 8:57:45] SaveRestart=0

[10/6/2023 8:57:46] StartYear=0

[10/6/2023 8:57:46] StartMonth=0

[10/6/2023 8:57:46] StartDay=0

[10/6/2023 8:57:46] StartHour=0.000

[10/6/2023 8:57:46] EndYear=0

[10/6/2023 8:57:46] EndMonth=0

[10/6/2023 8:57:46] EndDay=0

[10/6/2023 8:57:46] EndHour=48.000

[10/6/2023 8:57:46] HotstartYear=0

[10/6/2023 8:57:46] HotstartMonth=0

[10/6/2023 8:57:46] HotstartDay=0

[10/6/2023 8:57:47] HotstartHour=0.000

[10/6/2023 8:57:47] MinCalc\_Hydrology=60.000

[10/6/2023 8:57:47] MinCalc\_Hydraulics=0.100

[10/6/2023 8:57:47] MaxCalc\_Hydraulics=60.000

[10/6/2023 8:57:47] MinCalc\_Groundwater=900.000

[10/6/2023 8:57:47] RainfallSet=ICPR3

[10/6/2023 8:57:47] RefETSet=

[10/6/2023 8:57:47] UnitHydSet=ICPR3

[10/6/2023 8:57:47] BndStageSet=

[10/6/2023 8:57:47] ExHydSet=

[10/6/2023 8:57:47] CurveNumSet=

[10/6/2023 8:57:47] GreenAmptSet=

[10/6/2023 8:57:47] VertLayerSet=

[10/6/2023 8:57:48] ImpervSet=

[10/6/2023 8:57:48] RoughnessSet=

[10/6/2023 8:57:48] CropCoefSet=

[10/6/2023 8:57:48] PorosSet=

[10/6/2023 8:57:48] ConductSet=

[10/6/2023 8:57:48] LeakageSet=

[10/6/2023 8:57:48] TimeMarching=0

[10/6/2023 8:57:48] MaxIterations=6

[10/6/2023 8:57:48] OverRelaxWeightFactor=0.500

[10/6/2023 8:57:48] dZTolerance=0.001

[10/6/2023 8:57:48] MaxdZ=1.000

[10/6/2023 8:57:48] LinkOptTol=0.000

[10/6/2023 8:57:48] EdgeLengthOpt=0

[10/6/2023 8:57:48] EdgeLengthFactor=0.667

[10/6/2023 8:57:49] DefaultDampThresh2d=0.005

[10/6/2023 8:57:49] MinSurfArea2d=1.000

[10/6/2023 8:57:49] EnergySwitch2d=1

[10/6/2023 8:57:49] IaTime=24.000

[10/6/2023 8:57:49] IncludeETManBasns=0

[10/6/2023 8:57:49] VertLayerSoln=0

[10/6/2023 8:57:49] RainOptManBasns=1

[10/6/2023 8:57:49] RainOptOF=1

[10/6/2023 8:57:49] RainName=Flmod

[10/6/2023 8:57:49] RainAmount=10.000

[10/6/2023 8:57:49] StormDur=24.000

[10/6/2023 8:57:49] DefaultDampThresh1D=0.005

[10/6/2023 8:57:50] MinNodeSurfArea1D=113.000

[10/6/2023 8:57:50] EnergySwitch1D=1

[10/6/2023 8:57:50] Comment=

[10/6/2023 8:57:50] 7 threads [8 cores detected]

[10/6/2023 8:57:50] SolutionMethod=SAOR

[10/6/2023 8:57:50] No \_ET.TXT

[10/6/2023 8:57:50] No \_EV.TXT

[10/6/2023 8:57:50] Reading Operating Tables

[10/6/2023 8:57:50] Reading Cross Sections

[10/6/2023 8:57:50] Reading 1D Nodes

[10/6/2023 8:57:51] Reading Overland Flow Nodes

[10/6/2023 8:57:51] Reading 1D Channels

[10/6/2023 8:57:51] Setting up channel ghost nodes

[10/6/2023 8:57:52] Reading Pipes

[10/6/2023 8:57:52] Reading Rating Curves

[10/6/2023 8:57:52] Reading Weirs

[10/6/2023 8:57:52] Reading Drop Structures

[10/6/2023 8:57:52] Reading Breaches

[10/6/2023 8:57:52] Reading Percs

[10/6/2023 8:57:52] Reading Overland Flow Channels

[10/6/2023 8:57:52] Reading Overland Flow Weirs

[10/6/2023 8:57:52] Setting up ghost nodes

[10/6/2023 8:57:52] Reading Manual Basins

[10/6/2023 8:57:53] Reading Overland Flow Basins

[10/6/2023 8:57:53] Sorting basins

[10/6/2023 8:57:53] Reading Basin Features

[10/6/2023 8:57:53] Reading Groundwater

[10/6/2023 8:57:53] Initializing threads

[10/6/2023 8:57:53] Build Complete

[10/6/2023 8:57:53] Total basin area=58.210

[10/6/2023 8:57:53] Basins: Minarea\_ft2=30492.00000 Maxarea\_ft2=376358.40000 Avgarea\_ft2=133454.08421

[10/6/2023 8:57:53]

[10/6/2023 8:57:53] --- Hydrology Counts -----------------------------------------------

[10/6/2023 8:57:54] Total Basin = 19

[10/6/2023 8:57:54] Direct Basin = 0

[10/6/2023 8:57:54] Manual NRCS Basin = 0

[10/6/2023 8:57:54] Manual SB Basin = 0

[10/6/2023 8:57:54] Mapped NRCS Basin = 0

[10/6/2023 8:57:54] Mapped SB Basin = 0

[10/6/2023 8:57:54] Simple NRCS Basin = 19

[10/6/2023 8:57:54] Simple SB Basin = 0

[10/6/2023 8:57:54] Total Basin Polygon = 19

[10/6/2023 8:57:54] Manual Basin Polygon = 0

[10/6/2023 8:57:54] Mapped Basin Polygon = 0

[10/6/2023 8:57:54] 2D Basin Polygon = 0

[10/6/2023 8:57:54] Crop = 0

[10/6/2023 8:57:54] Reference ET = 0

[10/6/2023 8:57:54] Rainfall = 1

[10/6/2023 8:57:55] Green Ampt Parameter = 0

[10/6/2023 8:57:55] Vert Layer Parameter = 0

[10/6/2023 8:57:55] Curve Number Parameter = 20

[10/6/2023 8:57:55] Imperviousness = 20

[10/6/2023 8:57:55]

[10/6/2023 8:57:55] --- Routing Counts -------------------------------------------------

[10/6/2023 8:57:55] Region = 0

[10/6/2023 8:57:55] Total Node = 37

[10/6/2023 8:57:55] 1D Stage Area = 27

[10/6/2023 8:57:55] 1D Time Stage = 10

[10/6/2023 8:57:56] 1D Drop Nodes = 0

[10/6/2023 8:57:56] 2D Stage Area = 0

[10/6/2023 8:57:56] 2D Time Stage = 0

[10/6/2023 8:57:56] 2D Pond Ghost = 0

[10/6/2023 8:57:56] 2D Chan Ghost = 0

[10/6/2023 8:57:56] 1D/2D Node Interfaces = 0

[10/6/2023 8:57:56] 1D/2D Injection Wells = 0

[10/6/2023 8:57:56] Total Link = 85

[10/6/2023 8:57:56] 1D Pipe = 29

[10/6/2023 8:57:56] 1D Drop Structure = 0

[10/6/2023 8:57:57] 1D French Drain = 0

[10/6/2023 8:57:57] 1D Channel = 0

[10/6/2023 8:57:57] 2D Channel = 0

[10/6/2023 8:57:57] 1D Weir = 50

[10/6/2023 8:57:57] 1D Drop Weir = 0

[10/6/2023 8:57:57] 2D Weir = 0

[10/6/2023 8:57:57] 1D Rating Curve = 6

[10/6/2023 8:57:57] 1D Percolation = 0

[10/6/2023 8:57:57] Cross Section = 59

[10/6/2023 8:57:57] Operating Table = 7

[10/6/2023 8:57:58]

[10/6/2023 8:57:58] --- Groundwater Counts ---------------------------------------------

[10/6/2023 8:57:58] Region = 0

[10/6/2023 8:57:58] Triangle = 0

[10/6/2023 8:57:58] Vertex = 0

[10/6/2023 8:57:58] Midpoint = 0

[10/6/2023 8:57:58] --------------------------------------------------------------------

[10/6/2023 8:57:58]

[10/6/2023 8:57:58] Processing Initial Link Flows...

[10/6/2023 8:57:59] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[10/6/2023 8:58:02] Node 1000 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:02] Node 1500 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:03] Node 158 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:03] Node 1600 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:03] Node 1700 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:04] Node 1700A caused a revert (this will only be logged once per node)

[10/6/2023 8:58:04] Node 1701A caused a revert (this will only be logged once per node)

[10/6/2023 8:58:04] Node 1701A1 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:05] Node 179 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:05] Node 1900 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:06] Node 500 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:06] Node 600 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:06] Node 700 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:07] Node 800 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:07] Node 900 caused a revert (this will only be logged once per node)

[10/6/2023 8:58:08] Node 901A caused a revert (this will only be logged once per node)

[10/6/2023 8:59:29] Node 1300 caused a revert (this will only be logged once per node)

[10/6/2023 8:59:29] Node 1400 caused a revert (this will only be logged once per node)

[10/6/2023 8:59:30] Node 1200 caused a revert (this will only be logged once per node)

[10/6/2023 8:59:30] Node 300 caused a revert (this will only be logged once per node)

[10/6/2023 8:59:30] Node 400 caused a revert (this will only be logged once per node)

[10/6/2023 8:59:39] Node 1800 caused a revert (this will only be logged once per node)

[10/6/2023 8:59:40] Node 100 caused a revert (this will only be logged once per node)

[10/6/2023 8:59:41] Node 1100 caused a revert (this will only be logged once per node)

[10/6/2023 9:00:50] Conduit Optimizer Total Count=18677570 of 23389312

[10/6/2023 9:00:50] PC busted 609 of 344013

[10/6/2023 9:00:51] Average Iterations was 1.344

[10/6/2023 9:00:51] Average dt was 0.52741 sec

[10/6/2023 9:00:51] Revert count=16358

[10/6/2023 9:00:51]

[10/6/2023 9:00:51] ---- Timers -----------------------------

[10/6/2023 9:00:51] Total Time=172.248 sec

[10/6/2023 9:00:52] Basin Time=0.283 sec

[10/6/2023 9:00:52] BasinPoly Time=0.512 sec

[10/6/2023 9:00:52] Node Time=39.336 sec

[10/6/2023 9:00:52] Link Time=95.427 sec

[10/6/2023 9:00:52] Hydrology Output Time=25.950 sec

[10/6/2023 9:00:52] Groundwater Output Time=0.001 sec

[10/6/2023 9:00:53] Routing Output Time=1.318 sec

[10/6/2023 9:00:53] --- Thread Timers --------------------

[10/6/2023 9:00:53] Thread[0] Basin Time=0.019 sec

[10/6/2023 9:00:53] Thread[0] BasinPoly Time=0.004 sec

[10/6/2023 9:00:53] Thread[0] Node Time=2.314 sec

[10/6/2023 9:00:53] Thread[0] Link Time=48.982 sec

[10/6/2023 9:00:53] --- Thread Timers --------------------

[10/6/2023 9:00:54] Thread[1] Basin Time=0.015 sec

[10/6/2023 9:00:54] Thread[1] BasinPoly Time=0.004 sec

[10/6/2023 9:00:54] Thread[1] Node Time=6.226 sec

[10/6/2023 9:00:54] Thread[1] Link Time=55.666 sec

[10/6/2023 9:00:54] --- Thread Timers --------------------

[10/6/2023 9:00:54] Thread[2] Basin Time=0.019 sec

[10/6/2023 9:00:54] Thread[2] BasinPoly Time=0.004 sec

[10/6/2023 9:00:54] Thread[2] Node Time=6.260 sec

[10/6/2023 9:00:55] Thread[2] Link Time=33.927 sec

[10/6/2023 9:00:55] --- Thread Timers --------------------

[10/6/2023 9:00:55] Thread[3] Basin Time=0.037 sec

[10/6/2023 9:00:55] Thread[3] BasinPoly Time=0.005 sec

[10/6/2023 9:00:55] Thread[3] Node Time=0.811 sec

[10/6/2023 9:00:55] Thread[3] Link Time=33.521 sec

[10/6/2023 9:00:56] --- Thread Timers --------------------

[10/6/2023 9:00:56] Thread[4] Basin Time=0.017 sec

[10/6/2023 9:00:56] Thread[4] BasinPoly Time=0.006 sec

[10/6/2023 9:00:56] Thread[4] Node Time=0.811 sec

[10/6/2023 9:00:57] Thread[4] Link Time=24.843 sec

[10/6/2023 9:00:57] --- Thread Timers --------------------

[10/6/2023 9:00:57] Thread[5] Basin Time=0.011 sec

[10/6/2023 9:00:57] Thread[5] BasinPoly Time=0.004 sec

[10/6/2023 9:00:57] Thread[5] Node Time=6.546 sec

[10/6/2023 9:00:57] Thread[5] Link Time=51.265 sec

[10/6/2023 9:00:57] --- Thread Timers --------------------

[10/6/2023 9:00:58] Thread[6] Basin Time=0.014 sec

[10/6/2023 9:00:58] Thread[6] BasinPoly Time=0.003 sec

[10/6/2023 9:00:58] Thread[6] Node Time=3.242 sec

[10/6/2023 9:00:58] Thread[6] Link Time=53.151 sec