[10/6/2023 9:09:39]

threads=-1

batch=7 of 7

exe=

nextsim=

[10/6/2023 9:09:39] C:\Work space\LBK Village\Scenarios\Sc13\Simulations\Si17\echo.i4p

[10/6/2023 9:09:39] Reading Simulation

[10/6/2023 9:09:39] Simulation=25yr24hr-MHHWL

[10/6/2023 9:09:39] RunMode=0

[10/6/2023 9:09:40] HotStart=0

[10/6/2023 9:09:40] SaveRestart=0

[10/6/2023 9:09:40] StartYear=0

[10/6/2023 9:09:40] StartMonth=0

[10/6/2023 9:09:40] StartDay=0

[10/6/2023 9:09:40] StartHour=0.000

[10/6/2023 9:09:40] EndYear=0

[10/6/2023 9:09:40] EndMonth=0

[10/6/2023 9:09:40] EndDay=0

[10/6/2023 9:09:40] EndHour=48.000

[10/6/2023 9:09:40] HotstartYear=0

[10/6/2023 9:09:40] HotstartMonth=0

[10/6/2023 9:09:40] HotstartDay=0

[10/6/2023 9:09:41] HotstartHour=0.000

[10/6/2023 9:09:41] MinCalc\_Hydrology=60.000

[10/6/2023 9:09:41] MinCalc\_Hydraulics=0.100

[10/6/2023 9:09:41] MaxCalc\_Hydraulics=60.000

[10/6/2023 9:09:41] MinCalc\_Groundwater=900.000

[10/6/2023 9:09:41] RainfallSet=ICPR3

[10/6/2023 9:09:41] RefETSet=

[10/6/2023 9:09:42] UnitHydSet=ICPR3

[10/6/2023 9:09:42] BndStageSet=MHHWL

[10/6/2023 9:09:42] ExHydSet=

[10/6/2023 9:09:42] CurveNumSet=

[10/6/2023 9:09:42] GreenAmptSet=

[10/6/2023 9:09:42] VertLayerSet=

[10/6/2023 9:09:42] ImpervSet=

[10/6/2023 9:09:42] RoughnessSet=

[10/6/2023 9:09:42] CropCoefSet=

[10/6/2023 9:09:42] PorosSet=

[10/6/2023 9:09:42] ConductSet=

[10/6/2023 9:09:42] LeakageSet=

[10/6/2023 9:09:42] TimeMarching=0

[10/6/2023 9:09:42] MaxIterations=6

[10/6/2023 9:09:43] OverRelaxWeightFactor=0.500

[10/6/2023 9:09:43] dZTolerance=0.001

[10/6/2023 9:09:43] MaxdZ=1.000

[10/6/2023 9:09:43] LinkOptTol=0.000

[10/6/2023 9:09:43] EdgeLengthOpt=0

[10/6/2023 9:09:43] EdgeLengthFactor=0.667

[10/6/2023 9:09:43] DefaultDampThresh2d=0.005

[10/6/2023 9:09:43] MinSurfArea2d=1.000

[10/6/2023 9:09:43] EnergySwitch2d=1

[10/6/2023 9:09:43] IaTime=24.000

[10/6/2023 9:09:43] IncludeETManBasns=0

[10/6/2023 9:09:43] VertLayerSoln=0

[10/6/2023 9:09:43] RainOptManBasns=1

[10/6/2023 9:09:44] RainOptOF=1

[10/6/2023 9:09:44] RainName=Flmod

[10/6/2023 9:09:44] RainAmount=8.000

[10/6/2023 9:09:44] StormDur=24.000

[10/6/2023 9:09:44] DefaultDampThresh1D=0.005

[10/6/2023 9:09:44] MinNodeSurfArea1D=113.000

[10/6/2023 9:09:44] EnergySwitch1D=1

[10/6/2023 9:09:44] Comment=

[10/6/2023 9:09:44] 7 threads [8 cores detected]

[10/6/2023 9:09:44] SolutionMethod=SAOR

[10/6/2023 9:09:44] No \_ET.TXT

[10/6/2023 9:09:44] No \_EV.TXT

[10/6/2023 9:09:44] Reading Operating Tables

[10/6/2023 9:09:44] Reading Cross Sections

[10/6/2023 9:09:45] Reading 1D Nodes

[10/6/2023 9:09:45] Reading Overland Flow Nodes

[10/6/2023 9:09:45] Reading 1D Channels

[10/6/2023 9:09:45] Setting up channel ghost nodes

[10/6/2023 9:09:45] Reading Pipes

[10/6/2023 9:09:45] Reading Rating Curves

[10/6/2023 9:09:45] Reading Weirs

[10/6/2023 9:09:46] Reading Drop Structures

[10/6/2023 9:09:46] Reading Breaches

[10/6/2023 9:09:46] Reading Percs

[10/6/2023 9:09:46] Reading Overland Flow Channels

[10/6/2023 9:09:46] Reading Overland Flow Weirs

[10/6/2023 9:09:46] Setting up ghost nodes

[10/6/2023 9:09:46] Reading Manual Basins

[10/6/2023 9:09:47] Reading Overland Flow Basins

[10/6/2023 9:09:47] Sorting basins

[10/6/2023 9:09:47] Reading Basin Features

[10/6/2023 9:09:47] Reading Groundwater

[10/6/2023 9:09:47] Initializing threads

[10/6/2023 9:09:47] Build Complete

[10/6/2023 9:09:47] Total basin area=58.210

[10/6/2023 9:09:47] Basins: Minarea\_ft2=30492.00000 Maxarea\_ft2=376358.40000 Avgarea\_ft2=133454.08421

[10/6/2023 9:09:47]

[10/6/2023 9:09:47] --- Hydrology Counts -----------------------------------------------

[10/6/2023 9:09:48] Total Basin = 19

[10/6/2023 9:09:48] Direct Basin = 0

[10/6/2023 9:09:48] Manual NRCS Basin = 0

[10/6/2023 9:09:48] Manual SB Basin = 0

[10/6/2023 9:09:48] Mapped NRCS Basin = 0

[10/6/2023 9:09:48] Mapped SB Basin = 0

[10/6/2023 9:09:48] Simple NRCS Basin = 19

[10/6/2023 9:09:48] Simple SB Basin = 0

[10/6/2023 9:09:48] Total Basin Polygon = 19

[10/6/2023 9:09:48] Manual Basin Polygon = 0

[10/6/2023 9:09:48] Mapped Basin Polygon = 0

[10/6/2023 9:09:49] 2D Basin Polygon = 0

[10/6/2023 9:09:49] Crop = 0

[10/6/2023 9:09:49] Reference ET = 0

[10/6/2023 9:09:49] Rainfall = 1

[10/6/2023 9:09:49] Green Ampt Parameter = 0

[10/6/2023 9:09:49] Vert Layer Parameter = 0

[10/6/2023 9:09:49] Curve Number Parameter = 20

[10/6/2023 9:09:49] Imperviousness = 20

[10/6/2023 9:09:49]

[10/6/2023 9:09:49] --- Routing Counts -------------------------------------------------

[10/6/2023 9:09:49] Region = 0

[10/6/2023 9:09:49] Total Node = 37

[10/6/2023 9:09:50] 1D Stage Area = 27

[10/6/2023 9:09:50] 1D Time Stage = 10

[10/6/2023 9:09:50] 1D Drop Nodes = 0

[10/6/2023 9:09:50] 2D Stage Area = 0

[10/6/2023 9:09:50] 2D Time Stage = 0

[10/6/2023 9:09:50] 2D Pond Ghost = 0

[10/6/2023 9:09:50] 2D Chan Ghost = 0

[10/6/2023 9:09:50] 1D/2D Node Interfaces = 0

[10/6/2023 9:09:50] 1D/2D Injection Wells = 0

[10/6/2023 9:09:50] Total Link = 85

[10/6/2023 9:09:50] 1D Pipe = 29

[10/6/2023 9:09:51] 1D Drop Structure = 0

[10/6/2023 9:09:51] 1D French Drain = 0

[10/6/2023 9:09:51] 1D Channel = 0

[10/6/2023 9:09:51] 2D Channel = 0

[10/6/2023 9:09:51] 1D Weir = 50

[10/6/2023 9:09:51] 1D Drop Weir = 0

[10/6/2023 9:09:51] 2D Weir = 0

[10/6/2023 9:09:52] 1D Rating Curve = 6

[10/6/2023 9:09:52] 1D Percolation = 0

[10/6/2023 9:09:52] Cross Section = 59

[10/6/2023 9:09:52] Operating Table = 7

[10/6/2023 9:09:52]

[10/6/2023 9:09:52] --- Groundwater Counts ---------------------------------------------

[10/6/2023 9:09:52] Region = 0

[10/6/2023 9:09:52] Triangle = 0

[10/6/2023 9:09:52] Vertex = 0

[10/6/2023 9:09:52] Midpoint = 0

[10/6/2023 9:09:52] --------------------------------------------------------------------

[10/6/2023 9:09:52]

[10/6/2023 9:09:53] Processing Initial Link Flows...

[10/6/2023 9:09:53] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[10/6/2023 9:09:55] Node 1500 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:55] Node 158 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:55] Node 1600 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:55] Node 1700 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:55] Node 1700A caused a revert (this will only be logged once per node)

[10/6/2023 9:09:55] Node 1701A caused a revert (this will only be logged once per node)

[10/6/2023 9:09:55] Node 1701A1 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:55] Node 179 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:56] Node 600 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:56] Node 700 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:56] Node 800 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:56] Node 1000 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:56] Node 1100 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:56] Node 1900 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:57] Node 900 caused a revert (this will only be logged once per node)

[10/6/2023 9:09:58] Node 901A caused a revert (this will only be logged once per node)

[10/6/2023 9:09:59] Node 500 caused a revert (this will only be logged once per node)

[10/6/2023 9:10:31] Node 100 caused a revert (this will only be logged once per node)

[10/6/2023 9:10:31] Node 1300 caused a revert (this will only be logged once per node)

[10/6/2023 9:10:32] Node 1400 caused a revert (this will only be logged once per node)

[10/6/2023 9:10:32] Node 300 caused a revert (this will only be logged once per node)

[10/6/2023 9:10:32] Node 400 caused a revert (this will only be logged once per node)

[10/6/2023 9:10:33] Node 1200 caused a revert (this will only be logged once per node)

[10/6/2023 9:10:34] Node 1800 caused a revert (this will only be logged once per node)

[10/6/2023 9:11:47] Conduit Optimizer Total Count=18944714 of 23813031

[10/6/2023 9:11:47] PC busted 516 of 354898

[10/6/2023 9:11:47] Average Iterations was 1.314

[10/6/2023 9:11:47] Average dt was 0.51152 sec

[10/6/2023 9:11:47] Revert count=17083

[10/6/2023 9:11:48]

[10/6/2023 9:11:48] ---- Timers -----------------------------

[10/6/2023 9:11:48] Total Time=114.495 sec

[10/6/2023 9:11:48] Basin Time=0.150 sec

[10/6/2023 9:11:48] BasinPoly Time=0.316 sec

[10/6/2023 9:11:48] Node Time=16.992 sec

[10/6/2023 9:11:48] Link Time=83.796 sec

[10/6/2023 9:11:48] Hydrology Output Time=8.592 sec

[10/6/2023 9:11:49] Groundwater Output Time=0.001 sec

[10/6/2023 9:11:49] Routing Output Time=1.053 sec

[10/6/2023 9:11:49] --- Thread Timers --------------------

[10/6/2023 9:11:49] Thread[0] Basin Time=0.015 sec

[10/6/2023 9:11:49] Thread[0] BasinPoly Time=0.004 sec

[10/6/2023 9:11:49] Thread[0] Node Time=1.437 sec

[10/6/2023 9:11:49] Thread[0] Link Time=52.212 sec

[10/6/2023 9:11:50] --- Thread Timers --------------------

[10/6/2023 9:11:50] Thread[1] Basin Time=0.012 sec

[10/6/2023 9:11:50] Thread[1] BasinPoly Time=0.004 sec

[10/6/2023 9:11:50] Thread[1] Node Time=4.254 sec

[10/6/2023 9:11:50] Thread[1] Link Time=61.218 sec

[10/6/2023 9:11:50] --- Thread Timers --------------------

[10/6/2023 9:11:50] Thread[2] Basin Time=0.014 sec

[10/6/2023 9:11:50] Thread[2] BasinPoly Time=0.004 sec

[10/6/2023 9:11:50] Thread[2] Node Time=3.846 sec

[10/6/2023 9:11:51] Thread[2] Link Time=35.903 sec

[10/6/2023 9:11:51] --- Thread Timers --------------------

[10/6/2023 9:11:51] Thread[3] Basin Time=0.021 sec

[10/6/2023 9:11:51] Thread[3] BasinPoly Time=0.008 sec

[10/6/2023 9:11:51] Thread[3] Node Time=0.803 sec

[10/6/2023 9:11:51] Thread[3] Link Time=35.689 sec

[10/6/2023 9:11:51] --- Thread Timers --------------------

[10/6/2023 9:11:51] Thread[4] Basin Time=0.013 sec

[10/6/2023 9:11:52] Thread[4] BasinPoly Time=0.004 sec

[10/6/2023 9:11:52] Thread[4] Node Time=0.765 sec

[10/6/2023 9:11:52] Thread[4] Link Time=29.927 sec

[10/6/2023 9:11:52] --- Thread Timers --------------------

[10/6/2023 9:11:52] Thread[5] Basin Time=0.009 sec

[10/6/2023 9:11:52] Thread[5] BasinPoly Time=0.003 sec

[10/6/2023 9:11:52] Thread[5] Node Time=2.896 sec

[10/6/2023 9:11:52] Thread[5] Link Time=54.930 sec

[10/6/2023 9:11:53] --- Thread Timers --------------------

[10/6/2023 9:11:53] Thread[6] Basin Time=0.011 sec

[10/6/2023 9:11:53] Thread[6] BasinPoly Time=0.003 sec

[10/6/2023 9:11:53] Thread[6] Node Time=1.338 sec

[10/6/2023 9:11:53] Thread[6] Link Time=59.298 sec