[8/11/2023 10:56:59]

 threads=-1

 batch=8 of 8

 exe=

 nextsim=

[8/11/2023 10:56:59] C:\Work space\LBK Village\Scenarios\Sc1\Simulations\Si20\echo.i4p

[8/11/2023 10:56:59] Reading Simulation

[8/11/2023 10:56:59] Simulation=25yr24hr

[8/11/2023 10:56:59] RunMode=0

[8/11/2023 10:56:59] HotStart=0

[8/11/2023 10:57:00] SaveRestart=0

[8/11/2023 10:57:00] StartYear=0

[8/11/2023 10:57:00] StartMonth=0

[8/11/2023 10:57:00] StartDay=0

[8/11/2023 10:57:00] StartHour=0.000

[8/11/2023 10:57:00] EndYear=0

[8/11/2023 10:57:00] EndMonth=0

[8/11/2023 10:57:00] EndDay=0

[8/11/2023 10:57:00] EndHour=48.000

[8/11/2023 10:57:00] HotstartYear=0

[8/11/2023 10:57:00] HotstartMonth=0

[8/11/2023 10:57:00] HotstartDay=0

[8/11/2023 10:57:01] HotstartHour=0.000

[8/11/2023 10:57:01] MinCalc\_Hydrology=60.000

[8/11/2023 10:57:01] MinCalc\_Hydraulics=0.100

[8/11/2023 10:57:01] MaxCalc\_Hydraulics=60.000

[8/11/2023 10:57:01] MinCalc\_Groundwater=900.000

[8/11/2023 10:57:01] RainfallSet=ICPR3

[8/11/2023 10:57:01] RefETSet=

[8/11/2023 10:57:01] UnitHydSet=ICPR3

[8/11/2023 10:57:01] BndStageSet=

[8/11/2023 10:57:01] ExHydSet=

[8/11/2023 10:57:01] CurveNumSet=

[8/11/2023 10:57:01] GreenAmptSet=

[8/11/2023 10:57:01] VertLayerSet=

[8/11/2023 10:57:01] ImpervSet=

[8/11/2023 10:57:01] RoughnessSet=

[8/11/2023 10:57:01] CropCoefSet=

[8/11/2023 10:57:01] PorosSet=

[8/11/2023 10:57:02] ConductSet=

[8/11/2023 10:57:02] LeakageSet=

[8/11/2023 10:57:02] TimeMarching=0

[8/11/2023 10:57:02] MaxIterations=6

[8/11/2023 10:57:02] OverRelaxWeightFactor=0.500

[8/11/2023 10:57:02] dZTolerance=0.001

[8/11/2023 10:57:02] MaxdZ=1.000

[8/11/2023 10:57:02] LinkOptTol=0.000

[8/11/2023 10:57:02] EdgeLengthOpt=0

[8/11/2023 10:57:02] EdgeLengthFactor=0.667

[8/11/2023 10:57:02] DefaultDampThresh2d=0.005

[8/11/2023 10:57:02] MinSurfArea2d=1.000

[8/11/2023 10:57:02] EnergySwitch2d=-1703982079

[8/11/2023 10:57:02] IaTime=24.000

[8/11/2023 10:57:02] IncludeETManBasns=0

[8/11/2023 10:57:02] VertLayerSoln=0

[8/11/2023 10:57:03] RainOptManBasns=1

[8/11/2023 10:57:03] RainOptOF=1

[8/11/2023 10:57:03] RainName=Flmod

[8/11/2023 10:57:03] RainAmount=8.000

[8/11/2023 10:57:03] StormDur=24.000

[8/11/2023 10:57:03] DefaultDampThresh1D=0.005

[8/11/2023 10:57:03] MinNodeSurfArea1D=113.000

[8/11/2023 10:57:03] EnergySwitch1D=1

[8/11/2023 10:57:03] Comment=

[8/11/2023 10:57:03] 7 threads [8 cores detected]

[8/11/2023 10:57:03] SolutionMethod=SAOR

[8/11/2023 10:57:03] No \_ET.TXT

[8/11/2023 10:57:03] No \_EV.TXT

[8/11/2023 10:57:03] Reading Operating Tables

[8/11/2023 10:57:04] Reading Cross Sections

[8/11/2023 10:57:04] Reading 1D Nodes

[8/11/2023 10:57:04] Reading Overland Flow Nodes

[8/11/2023 10:57:04] Reading 1D Channels

[8/11/2023 10:57:04] Setting up channel ghost nodes

[8/11/2023 10:57:04] Reading Pipes

[8/11/2023 10:57:04] Reading Rating Curves

[8/11/2023 10:57:05] Reading Weirs

[8/11/2023 10:57:05] Reading Drop Structures

[8/11/2023 10:57:05] Reading Breaches

[8/11/2023 10:57:05] Reading Percs

[8/11/2023 10:57:05] Reading Overland Flow Channels

[8/11/2023 10:57:05] Reading Overland Flow Weirs

[8/11/2023 10:57:05] Setting up ghost nodes

[8/11/2023 10:57:05] Reading Manual Basins

[8/11/2023 10:57:06] Reading Overland Flow Basins

[8/11/2023 10:57:06] Sorting basins

[8/11/2023 10:57:06] Reading Basin Features

[8/11/2023 10:57:06] Reading Groundwater

[8/11/2023 10:57:06] Initializing threads

[8/11/2023 10:57:06] Build Complete

[8/11/2023 10:57:06] Total basin area=56.980

[8/11/2023 10:57:06] Basins: Minarea\_ft2=39204.00000 Maxarea\_ft2=322344.00000 Avgarea\_ft2=130634.14737

[8/11/2023 10:57:06]

[8/11/2023 10:57:06] --- Hydrology Counts -----------------------------------------------

[8/11/2023 10:57:06] Total Basin = 19

[8/11/2023 10:57:07] Direct Basin = 0

[8/11/2023 10:57:07] Manual NRCS Basin = 0

[8/11/2023 10:57:07] Manual SB Basin = 0

[8/11/2023 10:57:07] Mapped NRCS Basin = 0

[8/11/2023 10:57:07] Mapped SB Basin = 0

[8/11/2023 10:57:07] Simple NRCS Basin = 19

[8/11/2023 10:57:07] Simple SB Basin = 0

[8/11/2023 10:57:07] Total Basin Polygon = 19

[8/11/2023 10:57:07] Manual Basin Polygon = 0

[8/11/2023 10:57:07] Mapped Basin Polygon = 0

[8/11/2023 10:57:08] 2D Basin Polygon = 0

[8/11/2023 10:57:08] Crop = 0

[8/11/2023 10:57:08] Reference ET = 0

[8/11/2023 10:57:08] Rainfall = 1

[8/11/2023 10:57:08] Green Ampt Parameter = 0

[8/11/2023 10:57:08] Vert Layer Parameter = 0

[8/11/2023 10:57:08] Curve Number Parameter = 20

[8/11/2023 10:57:08] Imperviousness = 20

[8/11/2023 10:57:08]

[8/11/2023 10:57:08] --- Routing Counts -------------------------------------------------

[8/11/2023 10:57:09] Region = 0

[8/11/2023 10:57:09] Total Node = 37

[8/11/2023 10:57:09] 1D Stage Area = 27

[8/11/2023 10:57:09] 1D Time Stage = 10

[8/11/2023 10:57:09] 1D Drop Nodes = 0

[8/11/2023 10:57:09] 2D Stage Area = 0

[8/11/2023 10:57:09] 2D Time Stage = 0

[8/11/2023 10:57:09] 2D Pond Ghost = 0

[8/11/2023 10:57:09] 2D Chan Ghost = 0

[8/11/2023 10:57:09] 1D/2D Node Interfaces = 0

[8/11/2023 10:57:10] 1D/2D Injection Wells = 0

[8/11/2023 10:57:10] Total Link = 56

[8/11/2023 10:57:10] 1D Pipe = 27

[8/11/2023 10:57:10] 1D Drop Structure = 0

[8/11/2023 10:57:10] 1D French Drain = 0

[8/11/2023 10:57:10] 1D Channel = 18

[8/11/2023 10:57:10] 2D Channel = 0

[8/11/2023 10:57:10] 1D Weir = 5

[8/11/2023 10:57:10] 1D Drop Weir = 0

[8/11/2023 10:57:11] 2D Weir = 0

[8/11/2023 10:57:11] 1D Rating Curve = 6

[8/11/2023 10:57:11] 1D Percolation = 0

[8/11/2023 10:57:11] Cross Section = 9

[8/11/2023 10:57:11] Operating Table = 4

[8/11/2023 10:57:11]

[8/11/2023 10:57:11] --- Groundwater Counts ---------------------------------------------

[8/11/2023 10:57:11] Region = 0

[8/11/2023 10:57:11] Triangle = 0

[8/11/2023 10:57:12] Vertex = 0

[8/11/2023 10:57:12] Midpoint = 0

[8/11/2023 10:57:12] --------------------------------------------------------------------

[8/11/2023 10:57:12]

[8/11/2023 10:57:12] Processing Initial Link Flows...

[8/11/2023 10:57:12] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[8/11/2023 10:57:13] Node 158 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:13] Node 1700 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:13] Node 1700A caused a revert (this will only be logged once per node)

[8/11/2023 10:57:14] Node 1701A caused a revert (this will only be logged once per node)

[8/11/2023 10:57:14] Node 1701A1 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:14] Node 179 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:14] Node 500 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:14] Node 700 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:14] Node 900 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:14] Node 901A caused a revert (this will only be logged once per node)

[8/11/2023 10:57:15] Node 1000 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:15] Node 1001A caused a revert (this will only be logged once per node)

[8/11/2023 10:57:34] Node 1100 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:34] Node 100 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:34] Node 300 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:34] Node 400 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:35] Node 1800 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:35] Node 1400 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:36] Node 1200 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:36] Node 1300 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:36] Node 200 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:37] Node 1600 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:37] Node 800 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:38] Node 1900 caused a revert (this will only be logged once per node)

[8/11/2023 10:57:41] Node 201A caused a revert (this will only be logged once per node)

[8/11/2023 10:58:09] Conduit Optimizer Total Count=8116961 of 16763868

[8/11/2023 10:58:09] PC busted 214 of 151932

[8/11/2023 10:58:09] Average Iterations was 1.508

[8/11/2023 10:58:09] Average dt was 1.19202 sec

[8/11/2023 10:58:10] Revert count=6953

[8/11/2023 10:58:10]

[8/11/2023 10:58:10] ---- Timers -----------------------------

[8/11/2023 10:58:10] Total Time=56.870 sec

[8/11/2023 10:58:10] Basin Time=0.465 sec

[8/11/2023 10:58:10] BasinPoly Time=0.657 sec

[8/11/2023 10:58:10] Node Time=5.437 sec

[8/11/2023 10:58:10] Link Time=40.852 sec

[8/11/2023 10:58:10] Hydrology Output Time=4.577 sec

[8/11/2023 10:58:10] Groundwater Output Time=0.001 sec

[8/11/2023 10:58:11] Routing Output Time=0.981 sec

[8/11/2023 10:58:11] --- Thread Timers --------------------

[8/11/2023 10:58:11] Thread[0] Basin Time=0.017 sec

[8/11/2023 10:58:11] Thread[0] BasinPoly Time=0.002 sec

[8/11/2023 10:58:11] Thread[0] Node Time=0.375 sec

[8/11/2023 10:58:11] Thread[0] Link Time=24.133 sec

[8/11/2023 10:58:11] --- Thread Timers --------------------

[8/11/2023 10:58:11] Thread[1] Basin Time=0.016 sec

[8/11/2023 10:58:12] Thread[1] BasinPoly Time=0.003 sec

[8/11/2023 10:58:12] Thread[1] Node Time=0.427 sec

[8/11/2023 10:58:12] Thread[1] Link Time=20.602 sec

[8/11/2023 10:58:12] --- Thread Timers --------------------

[8/11/2023 10:58:12] Thread[2] Basin Time=0.017 sec

[8/11/2023 10:58:12] Thread[2] BasinPoly Time=0.003 sec

[8/11/2023 10:58:12] Thread[2] Node Time=0.434 sec

[8/11/2023 10:58:12] Thread[2] Link Time=4.033 sec

[8/11/2023 10:58:12] --- Thread Timers --------------------

[8/11/2023 10:58:12] Thread[3] Basin Time=0.015 sec

[8/11/2023 10:58:13] Thread[3] BasinPoly Time=0.003 sec

[8/11/2023 10:58:13] Thread[3] Node Time=0.316 sec

[8/11/2023 10:58:13] Thread[3] Link Time=16.132 sec

[8/11/2023 10:58:13] --- Thread Timers --------------------

[8/11/2023 10:58:13] Thread[4] Basin Time=0.022 sec

[8/11/2023 10:58:13] Thread[4] BasinPoly Time=0.002 sec

[8/11/2023 10:58:13] Thread[4] Node Time=0.334 sec

[8/11/2023 10:58:13] Thread[4] Link Time=25.194 sec

[8/11/2023 10:58:13] --- Thread Timers --------------------

[8/11/2023 10:58:14] Thread[5] Basin Time=0.014 sec

[8/11/2023 10:58:14] Thread[5] BasinPoly Time=0.002 sec

[8/11/2023 10:58:14] Thread[5] Node Time=0.390 sec

[8/11/2023 10:58:14] Thread[5] Link Time=27.355 sec

[8/11/2023 10:58:14] --- Thread Timers --------------------

[8/11/2023 10:58:14] Thread[6] Basin Time=0.009 sec

[8/11/2023 10:58:14] Thread[6] BasinPoly Time=0.002 sec

[8/11/2023 10:58:14] Thread[6] Node Time=0.313 sec

[8/11/2023 10:58:15] Thread[6] Link Time=25.837 sec