

LW Exercise 3 – Spinup

1. Run the first part of a spinup simulation starting the domain dry and applying a constant flux across the top of the domain with overland flow turned off

- Copy LW_Exercise3 folder from Powell to where you will be running locally
scp guestxx@powell.mines.edu:/data/ParFlow_Short_Course2018/LW_Exercise3.tar .
- Run the spinup tclsh LW_SpinupTest.tcl
- Look at the outputs as they are generated
- Look at the kinsol log file

2. Run the second part of spinup

- Edit the LW_SpinupTest.tcl script:
 - o turn off the overland flow spinup flag
 - o Change the initial condition so it reads the press.init.pfb file
 - o Change the runname of your simulation
- Run the LW_SpinupTest.tcl
- Look at the outputs
- Modify the Flow_Calculation.tcl scrip to create a timeseries of flow at the outlet and plot