**Exercise 1: Parking Lot Test**

**Initial Run:**

1. Run the tcl script *LW\_ParkingLotTest.tcl*
2. Look at the pressure file outputs in visit:

* *File* - *Open*
* *Add* - *Pseudocolor* - *pressure*- *Draw*
* Double click on the Pseudocolor to get the plot options. Change the min to 0 and the max to 0.05. *Apply* and *Dismiss*.
* Use the time slider to advance through the simulation.

1. Use PFTools to calculate the flow at the outlet using *Flow\_Calculation.tcl*
2. Copy *flow\_out.txt* into excel or open in R and plot the time series

**Additional Tests:**

1. change the run time, rainfall timing and magnitude
2. look at the flow in alternate locations
3. Change the slope at the outlet of the domain and see how this changes the simulation (Hint: to do this you can convert your pfb slopes to text files using *File\_Conversion.tcl* and manually change values. The outlet of the domain is at x=40, y=31)