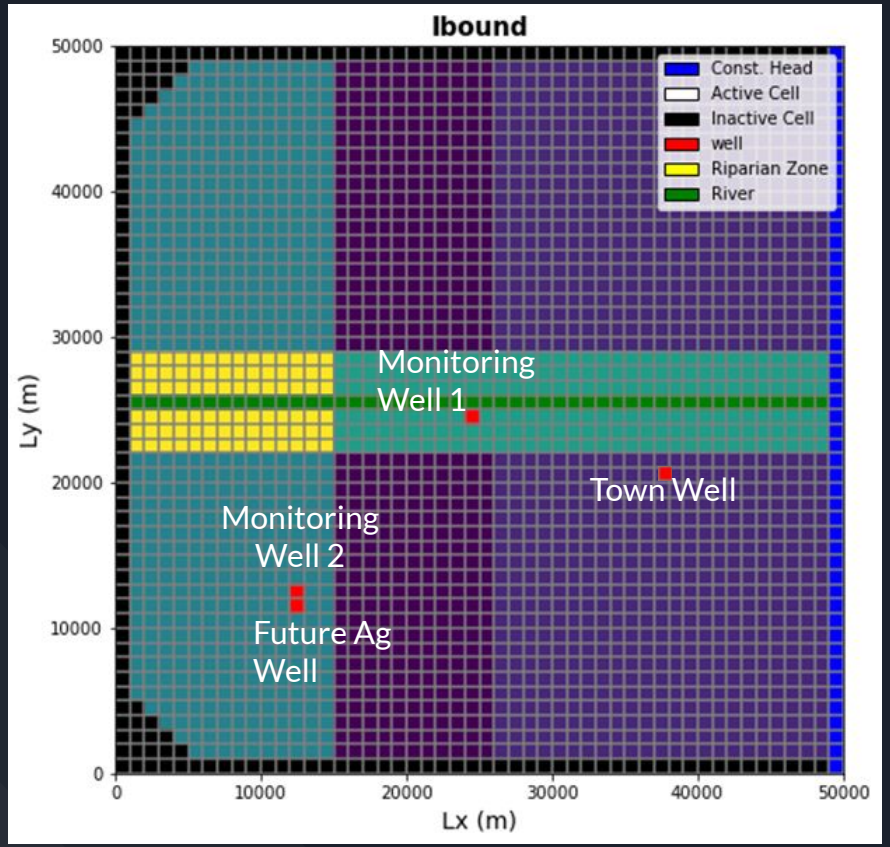
Wat up with 3 & 4, like rly?

Benjamin Mitchell
Danielle Tadych
Jacob Ridlinghafer

IDK Man!!!

Boundary conditions



Assignment

Scenarios 1 & 2:

- Pre-development
  - No town water demand
  - Run the model for 25 years with varying ET
  - Determine how long it takes to reach steady state

Scenarios 3 and 4:

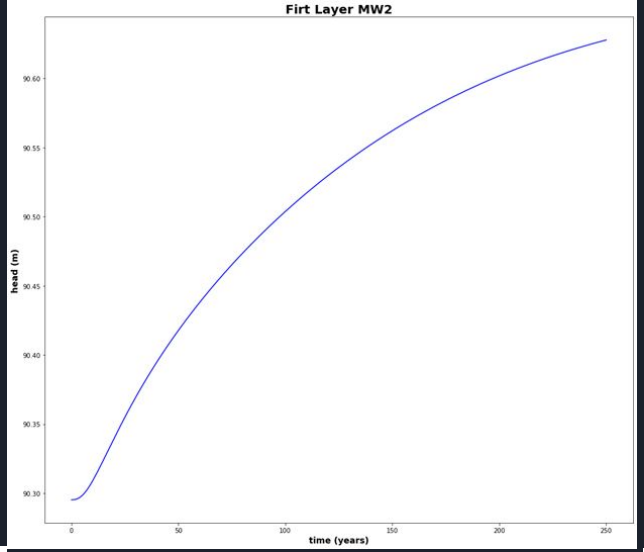
- Post-Development
  - Steadily increasing water demand
  - Project for **125** years
    - 25 years for burn in
    - Exponentially increasing Q

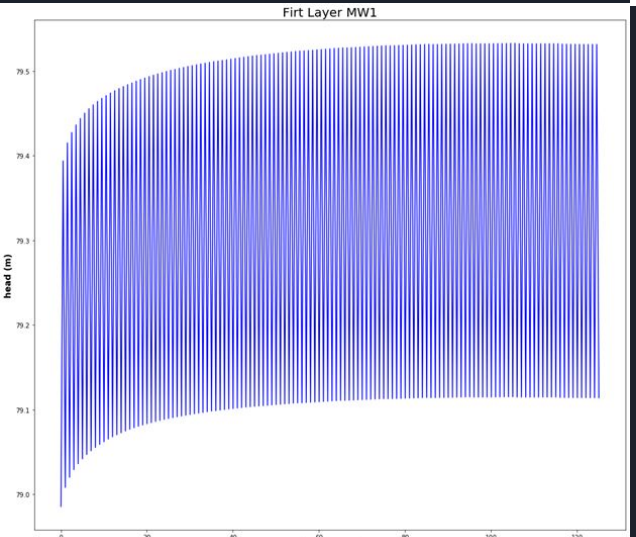
$$Q = 1.5*t^{1.5}$$

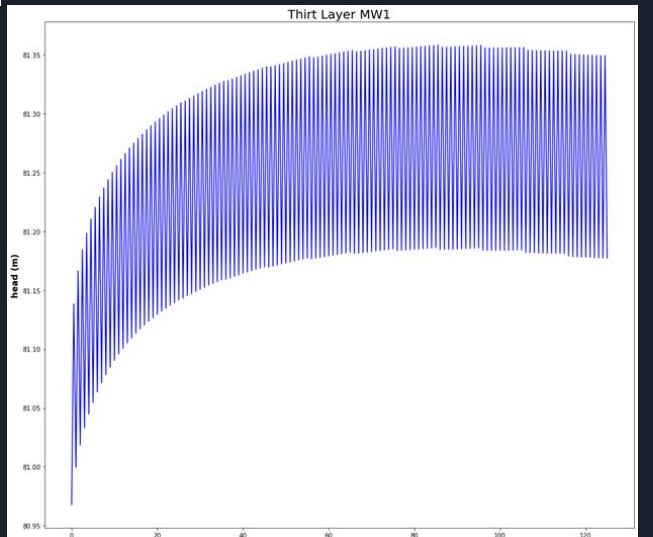
    - On year 26 pumping starts at 47 m3/day
  - Project for **225** years


00:06
SCENARIO 3
SURVIVE 15 WAVES
WAVES: 0
KILLS: 0
CRATES: 0
Scenario 3
451 KM/H
35.47 ALT
296.67 M
N
AUTO
140 F

Scene 3

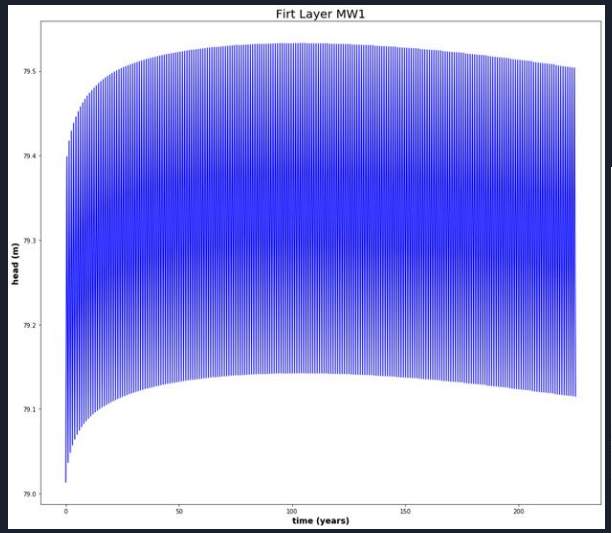

Firt Layer MW2
head (m)
time (years)

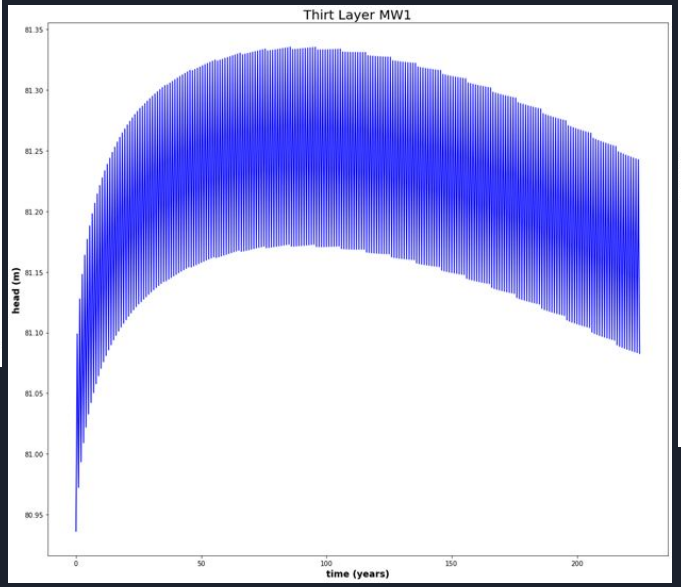

Firt Layer MW1
head (m)

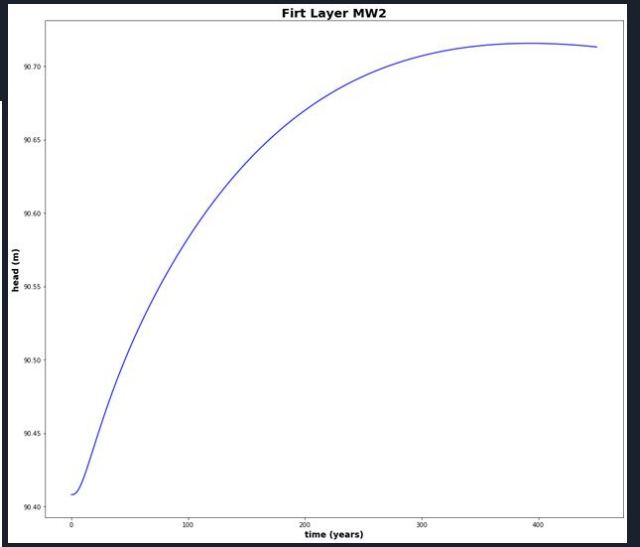

Thirt Layer MW1
head (m)


Alternate
Scenario - World
War 4

Scene 4- With Pumping

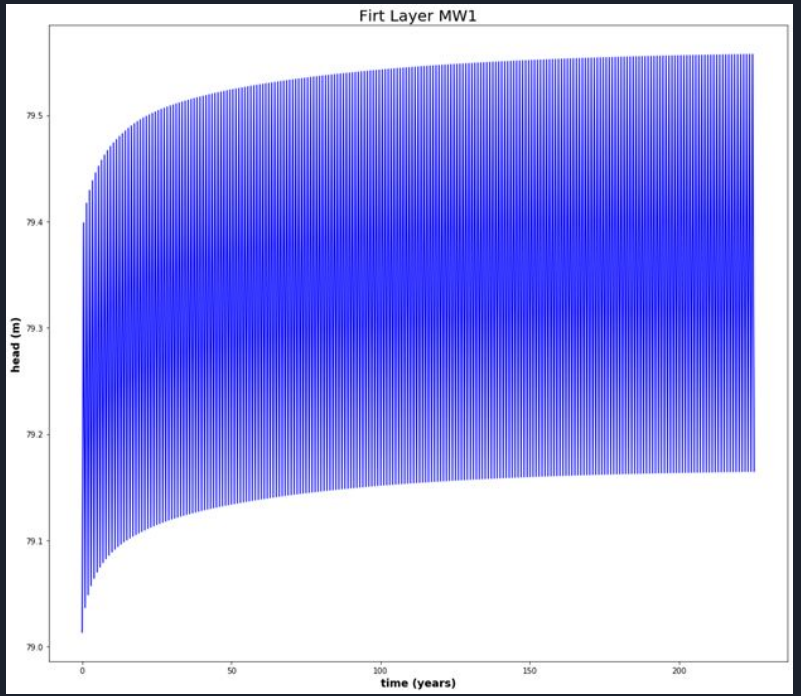




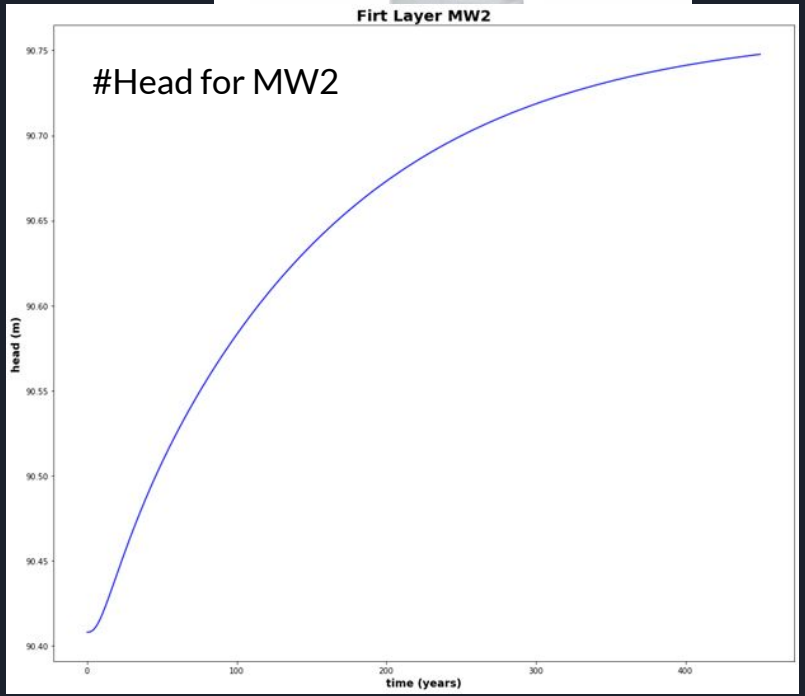


Scene 4- Without Pumping

#Head for MW1



#Head for MW2




The End