

Challenge 1.

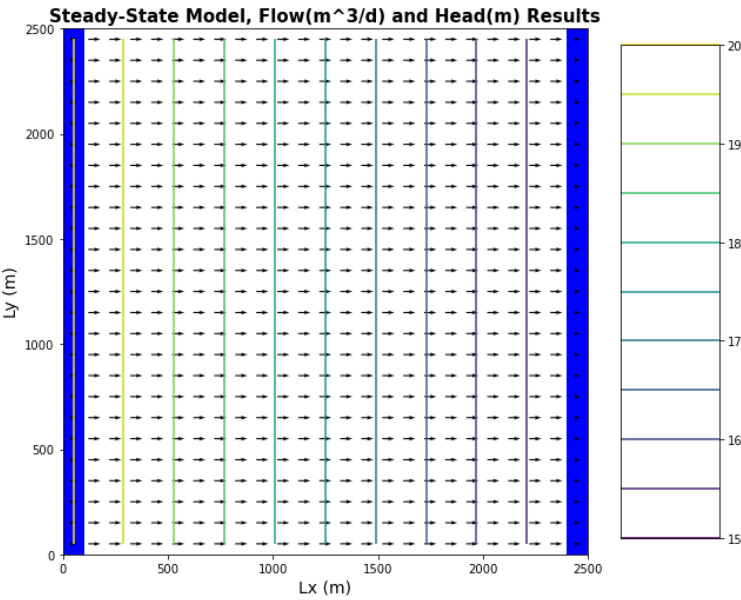


Figure 1. Equipotentials for confined aquifer

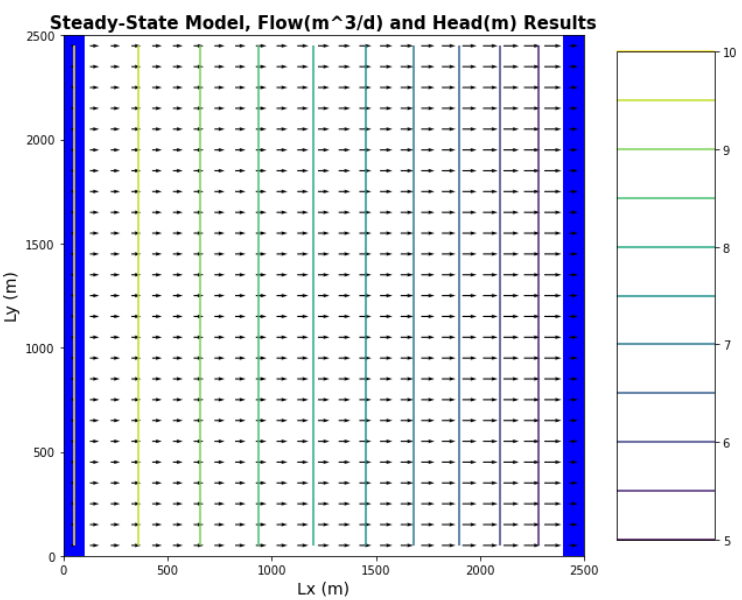


Figure 2. Equipotentials for unconfined aquifer

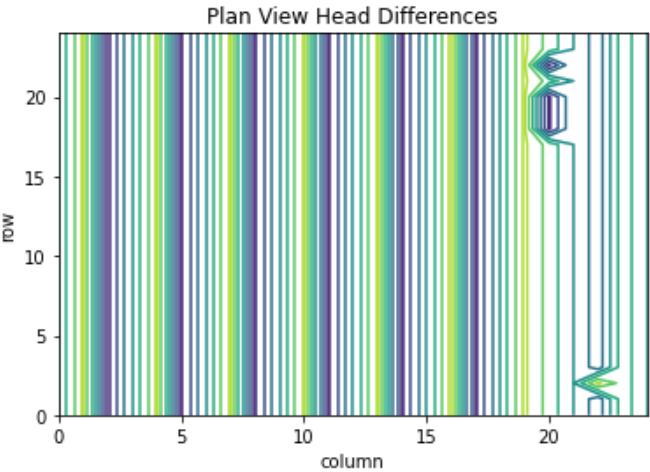


Figure 3. Plan view head differences for confined aquifer

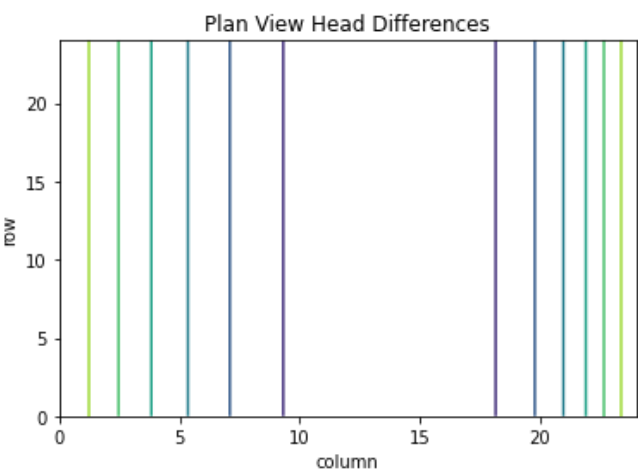
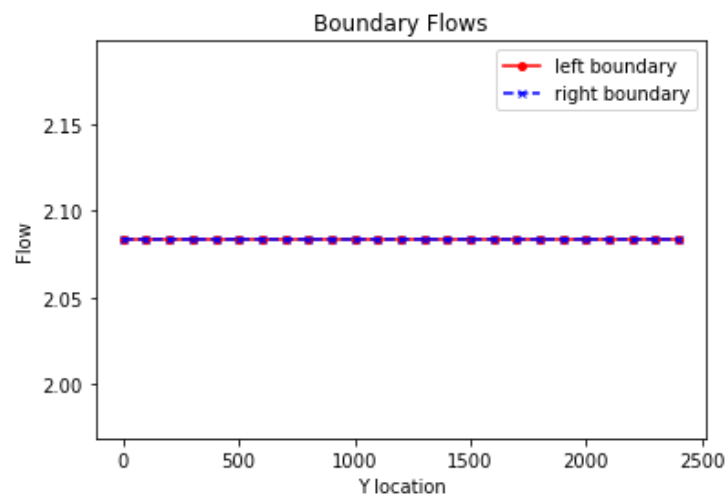
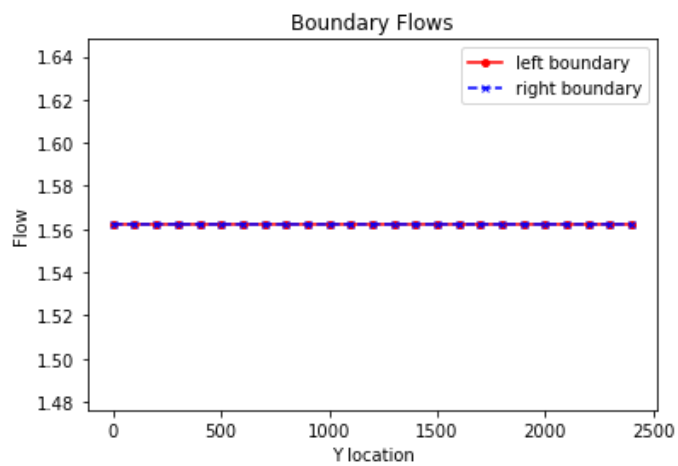


Figure 4. Plan view head differences for unconfined aquifer

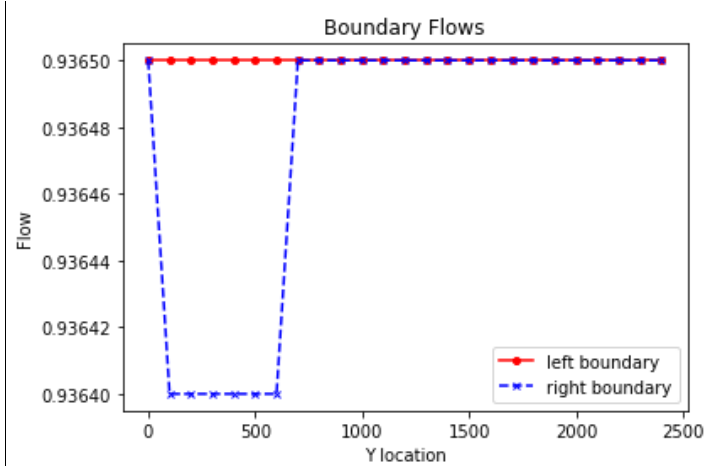
Challenge 2.



Confined (20-15): Left Flux = 52.082504
 Right_flux= 52.082504 Difference = 0.0



Unconfined (10-5): Left Flux = 39.0525
 Right_flux= 39.0525 Difference = 0.0

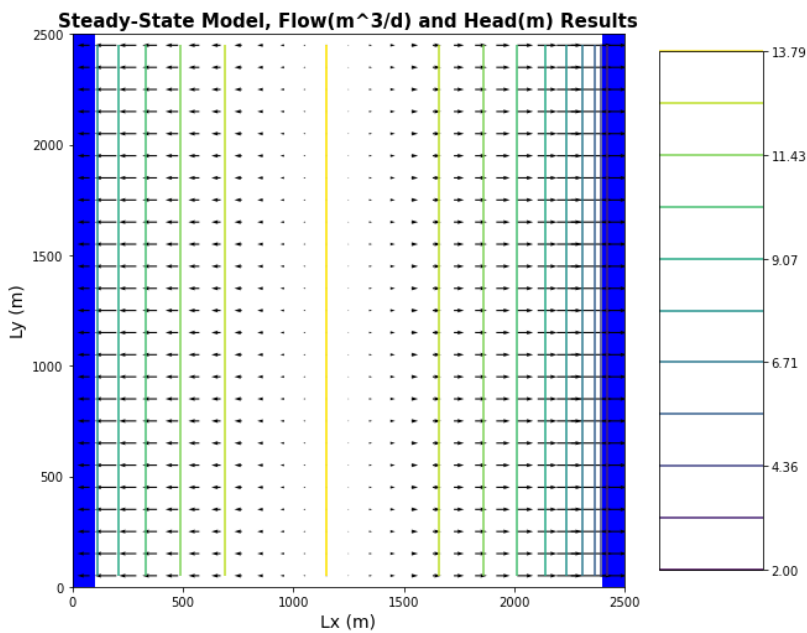
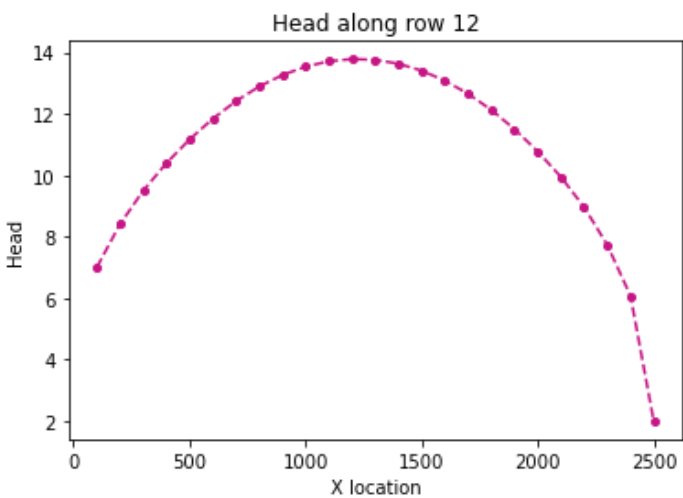
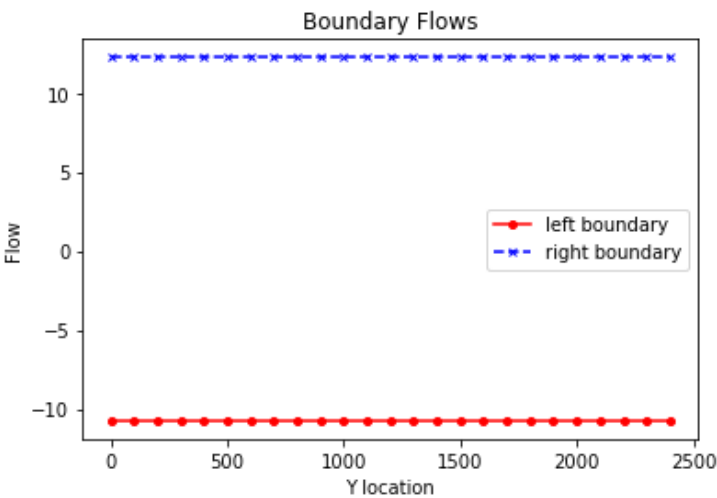


Unconfined (7-2): Left Flux = 23.4125
 Right_flux= 23.411091 Difference = -0.00059890747

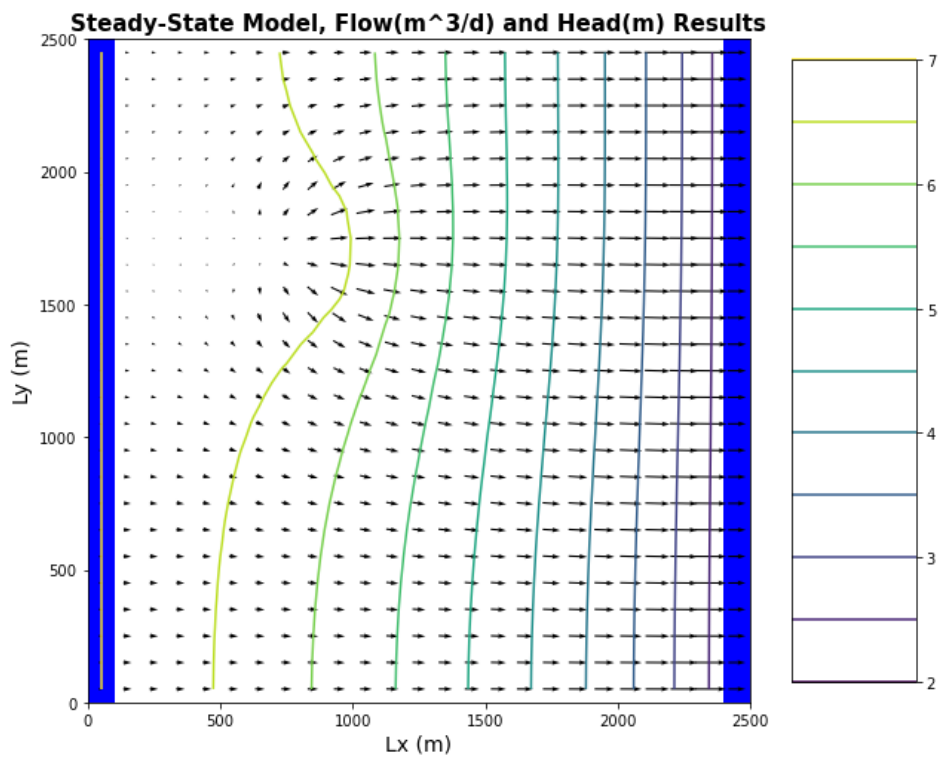
Challenge 3.

Unconfined and confined

Left Flux = -268.4625 Right_flux= 306.5375 Difference = 575.0
Head gradient = 0.002 m/m



Challenge 4.



Challenge 5.

