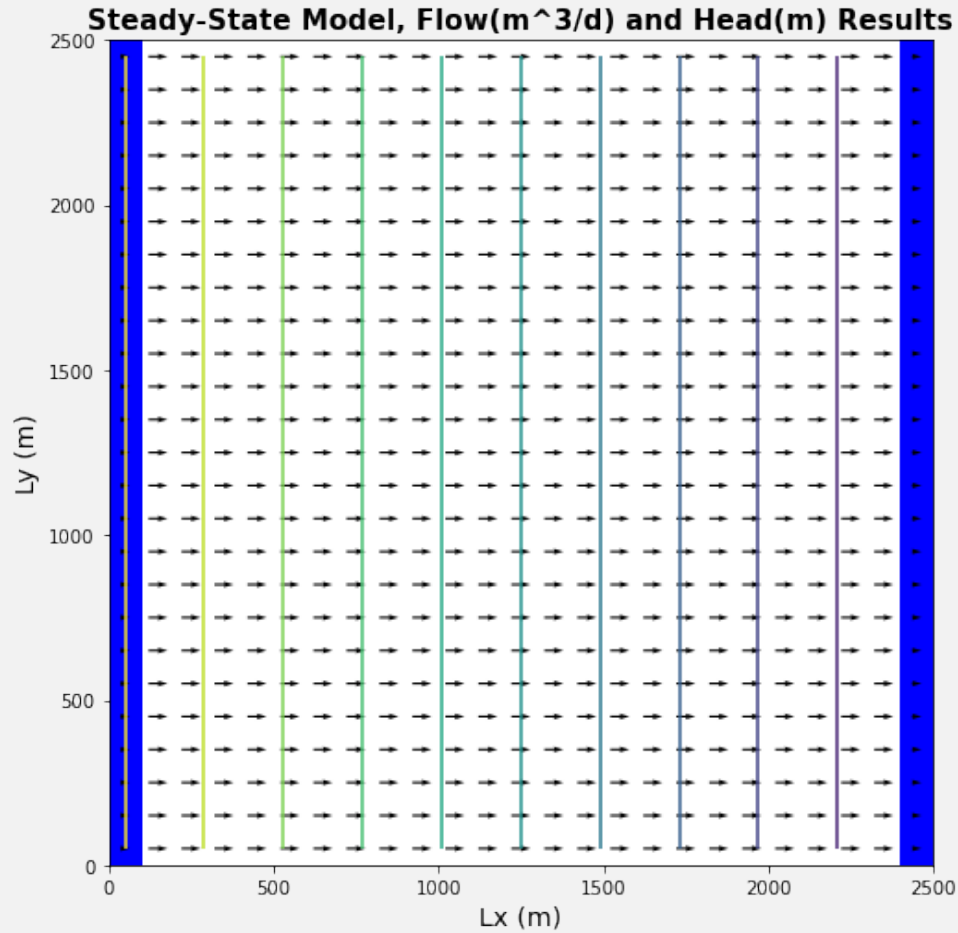


# HOMEWORK 5: RECHARGE ME

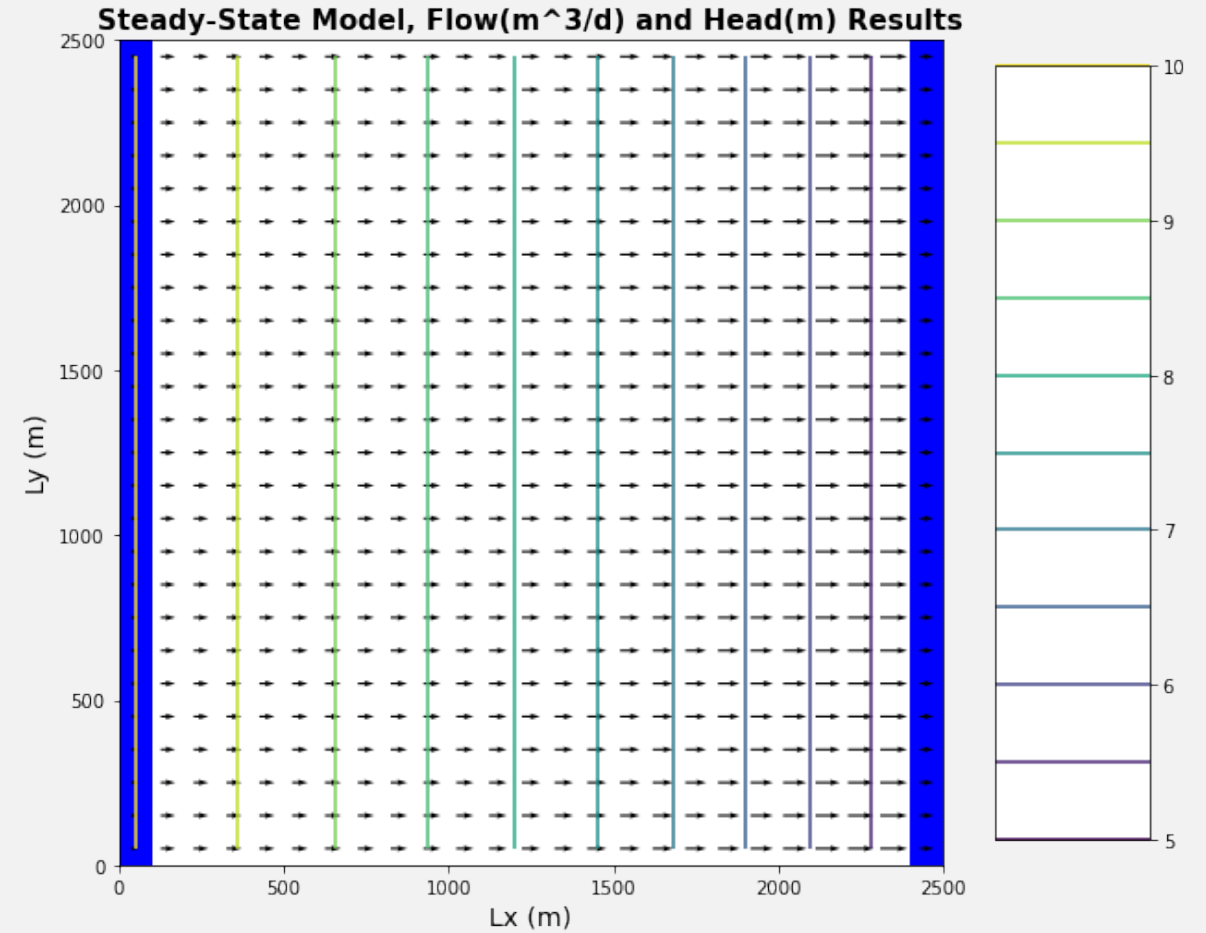
HWRS 582

David E. Morales

# CHALLENGE QUESTION I:



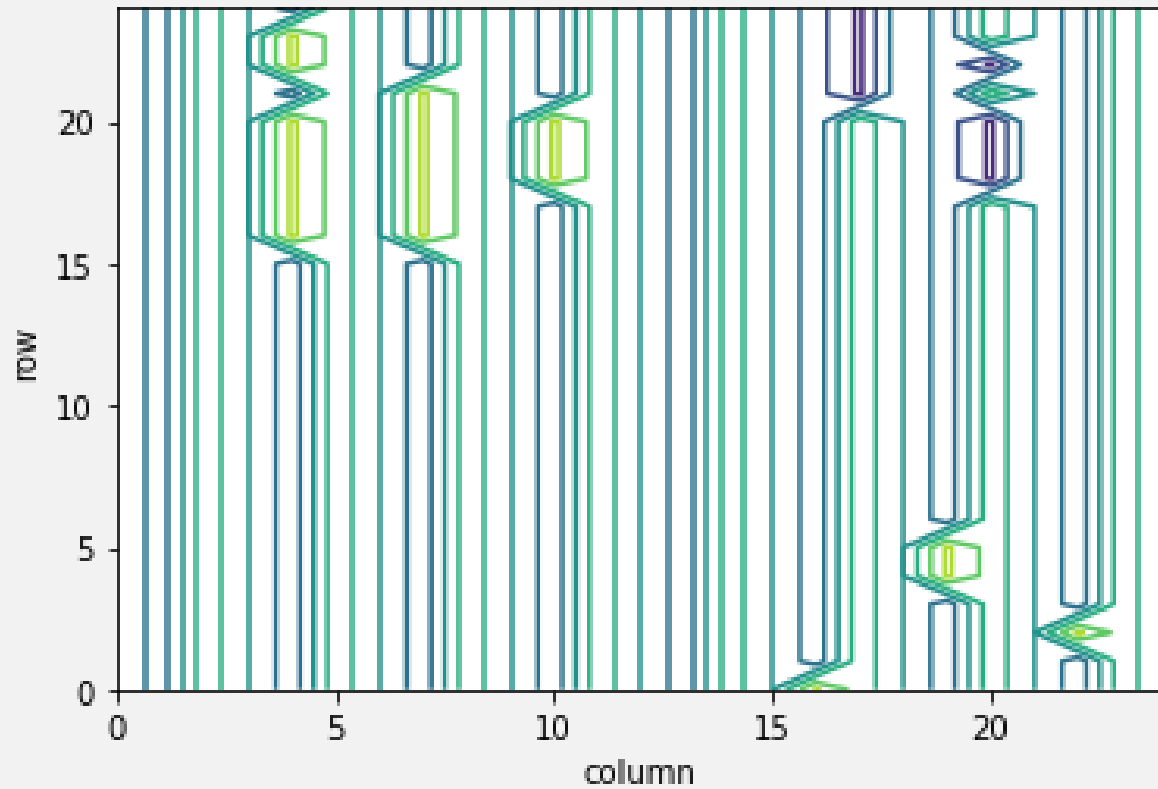
Ia. Confined: 15m-10m



Ib. Unconfined: 15m-10m

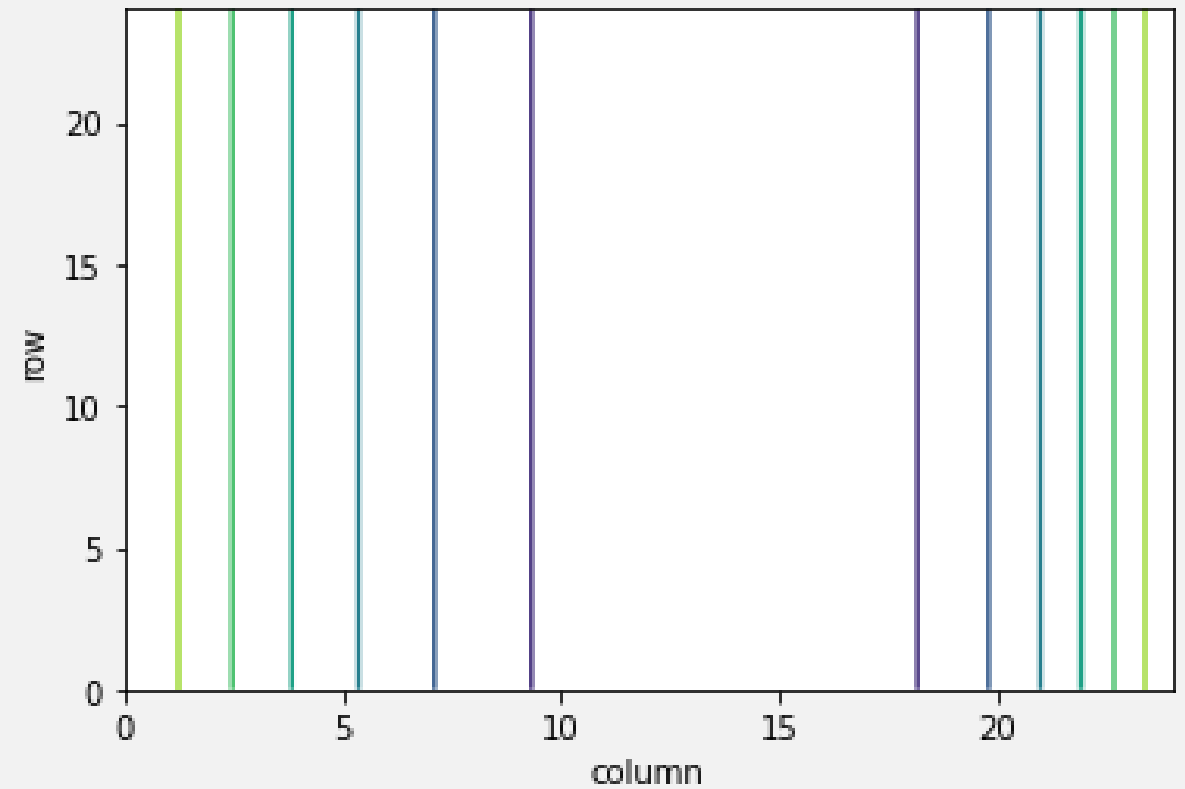
# CHALLENGE QUESTION I:

Plan View Head Differences



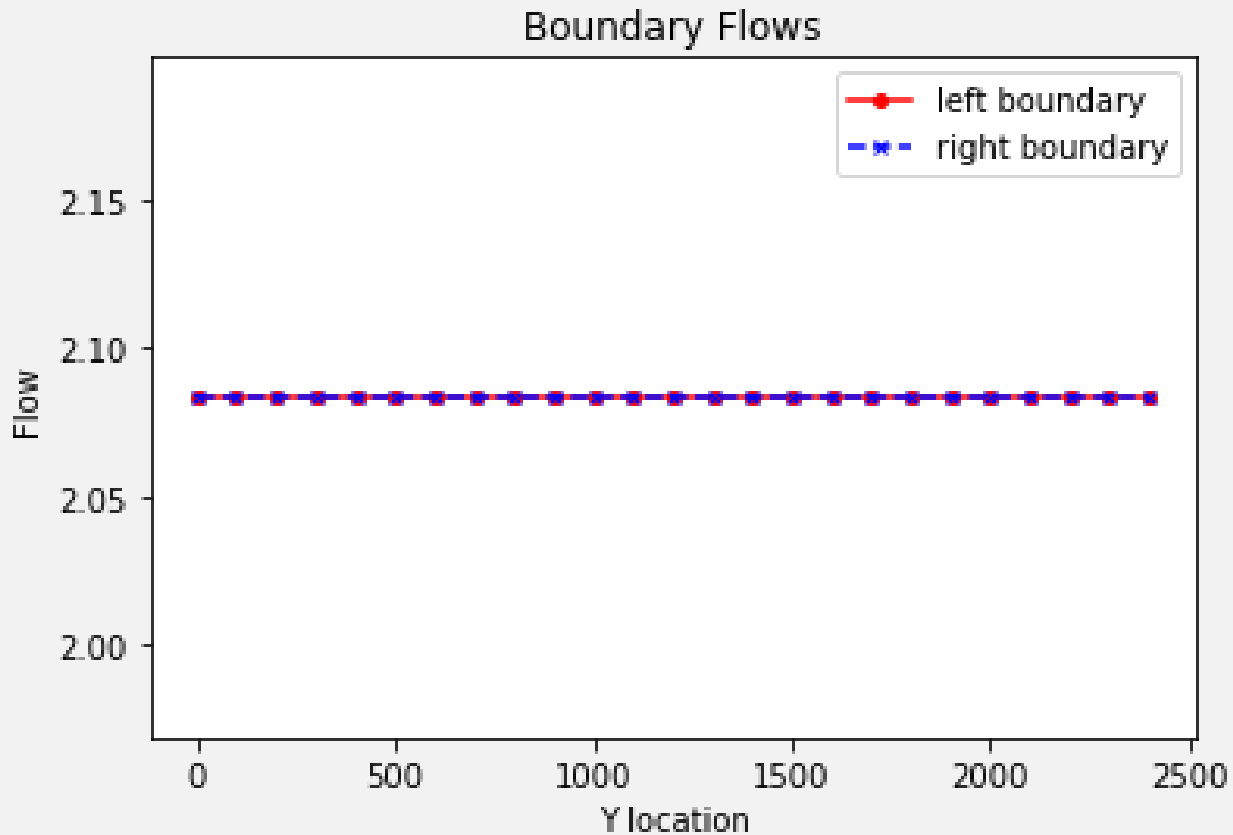
Ic. Confined: 15m-10m

Plan View Head Differences

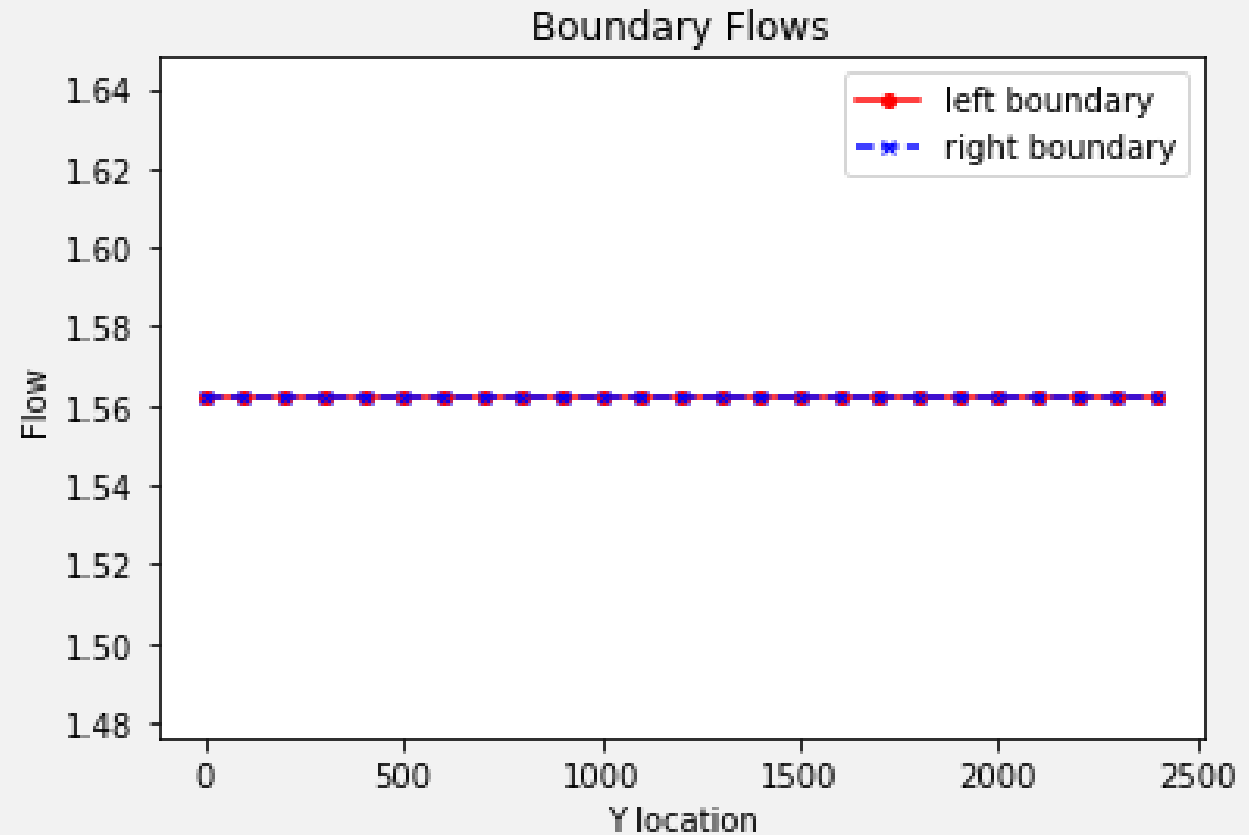


Id. Unconfined: 15m-10m

## CHALLENGE QUESTION 2:



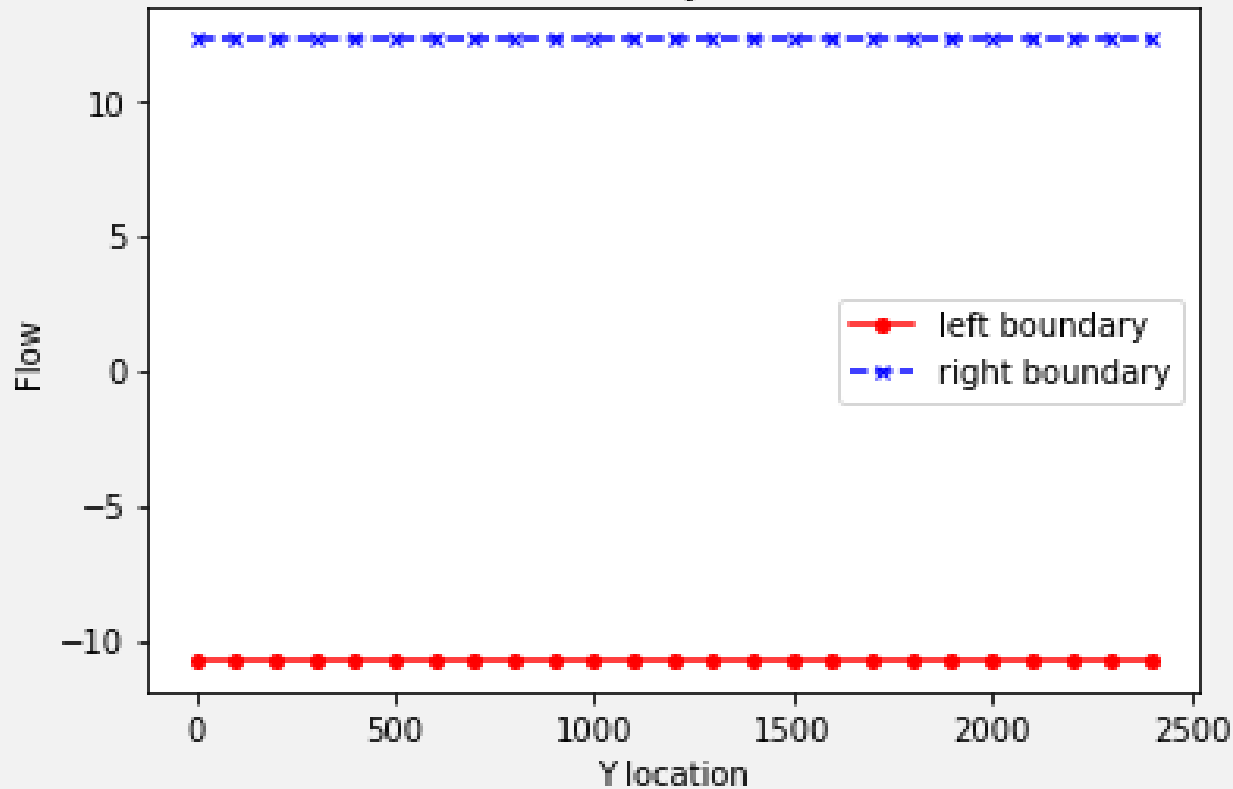
2a. Confined: 15m-10m



2b. Unconfined: 15m-10m

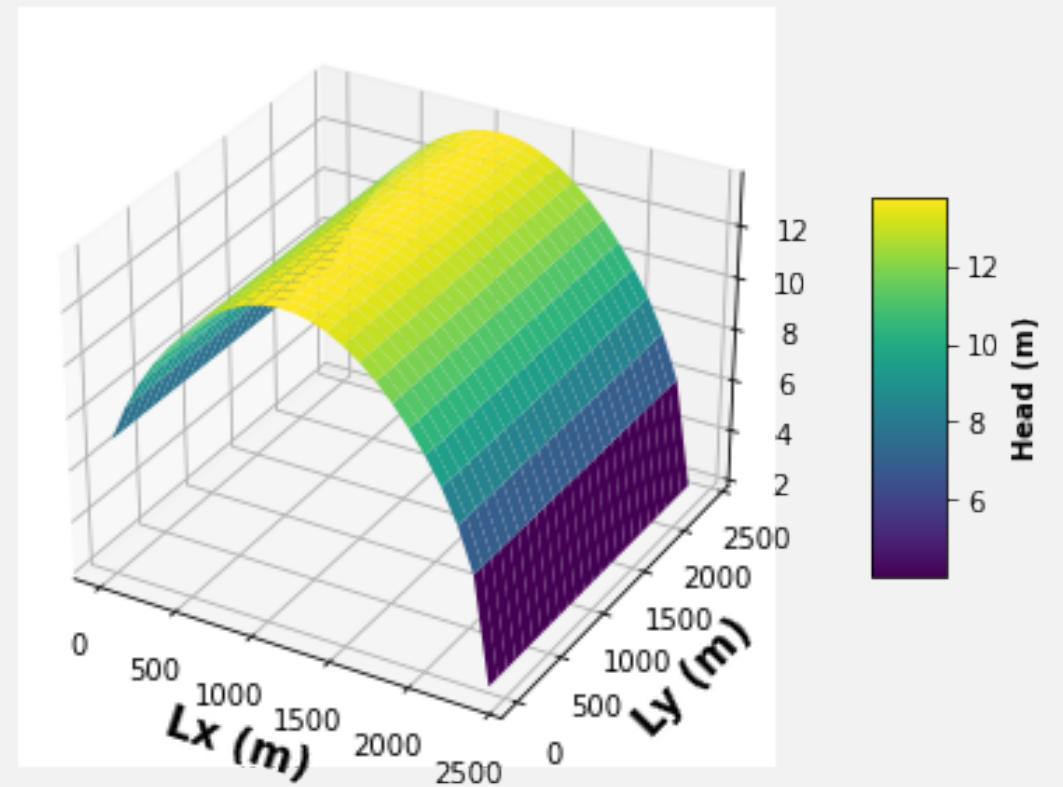
## CHALLENGE QUESTION 3:

Boundary Flows



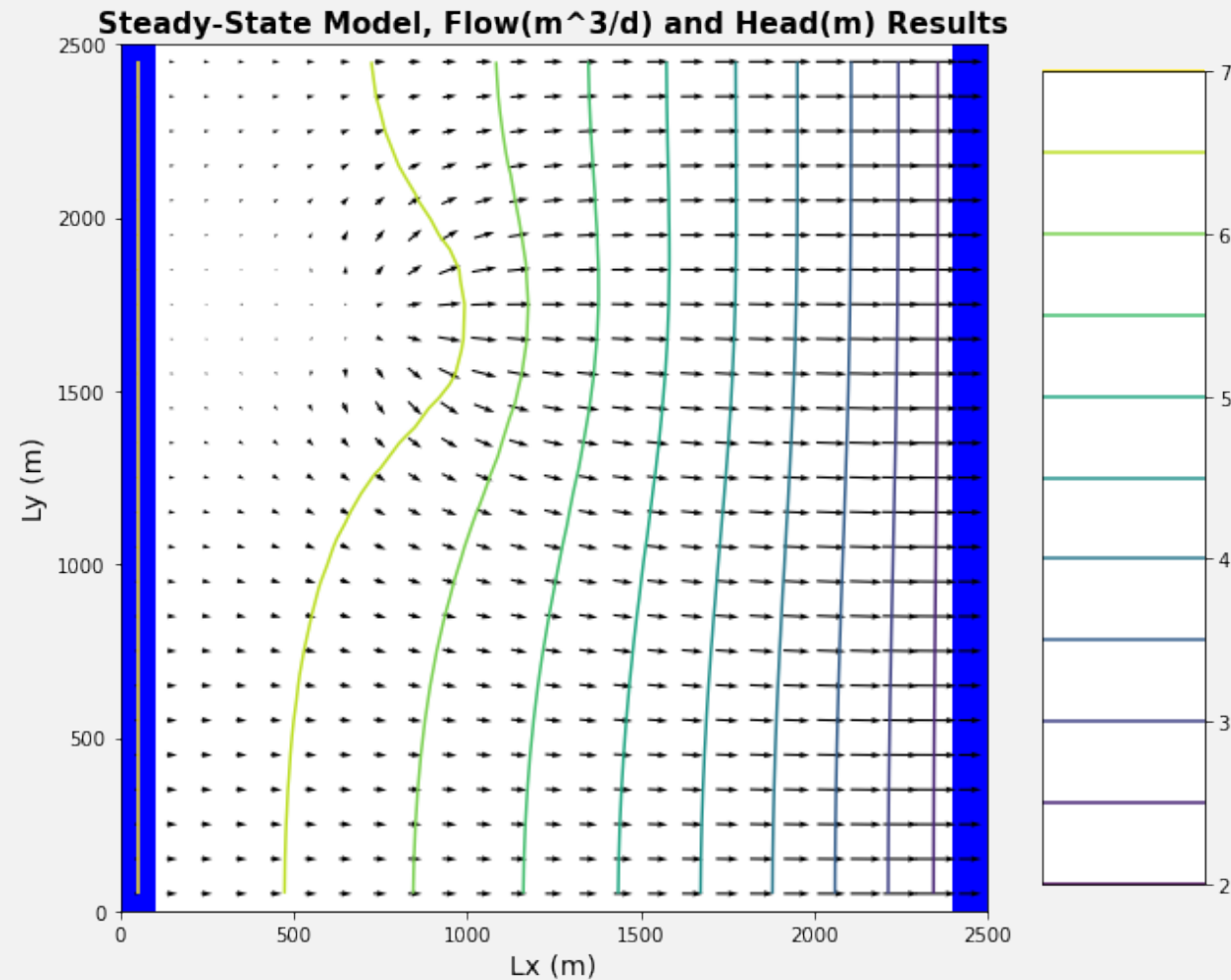
3a. Outflow observed at both boundaries

Steady-State Model Head Profile



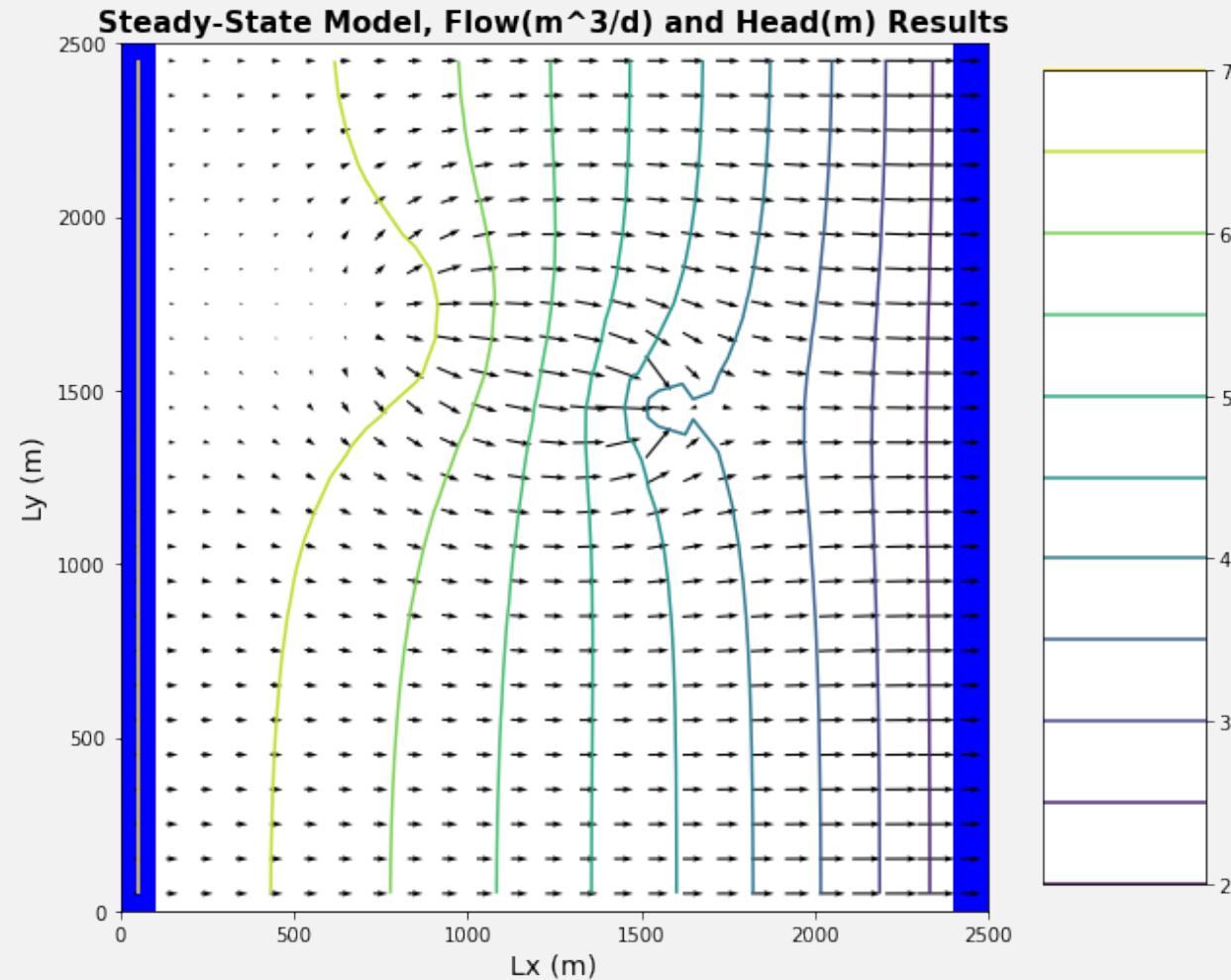
3b. Complete area infiltration

# CHALLENGE QUESTION 4:



4. Irrigation infiltration in NW corner

## CHALLENGE QUESTION 5:



5. Irrigation infiltration in NW corner + pumping well