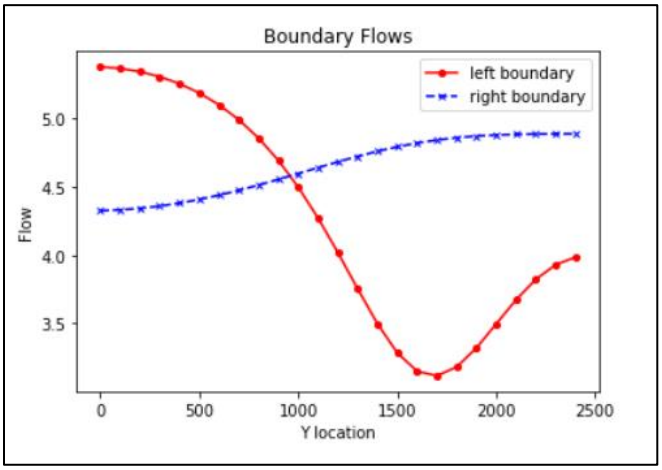
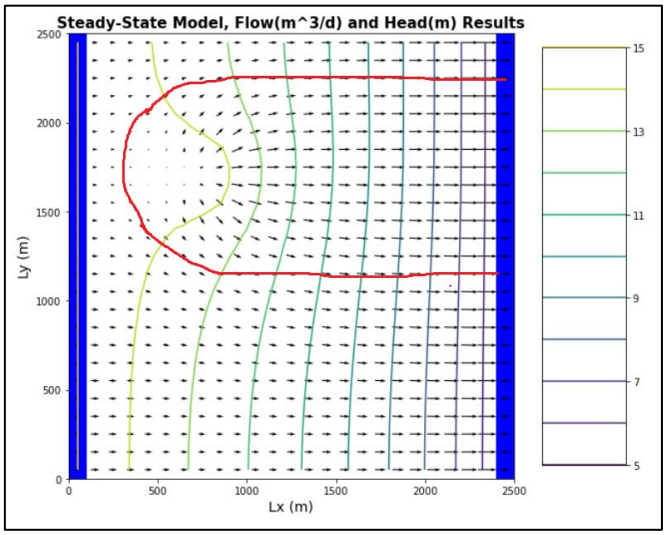
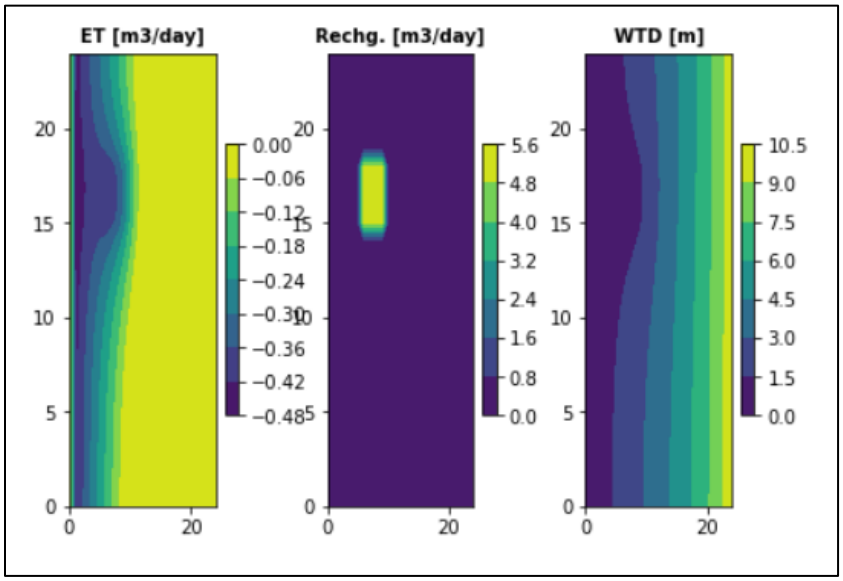
Challenge 1: Flow across left and right boundaries, contamination zone, ET, recharge, and water table depth





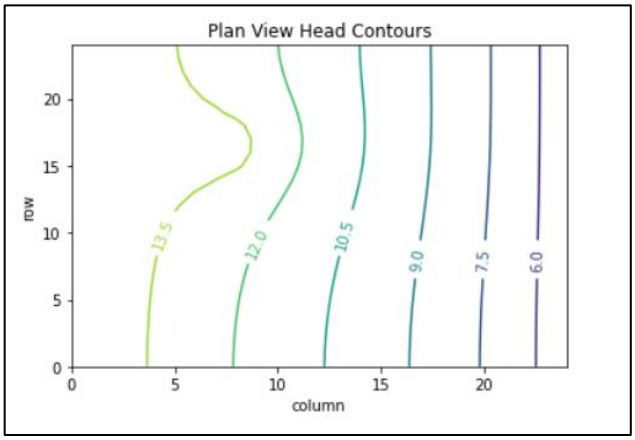


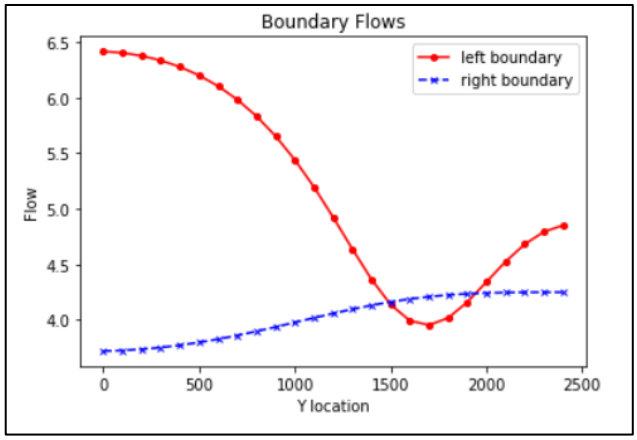
Challenge 2: Inflows and outflows

```
Total ET [m3/day]: -70.35179571458139
Total Recharge [m3/day]: 80.0
Left Flux = 106.4442 [m3/day]  Right_flux= 116.0927 [m3/day]
Change in flux equals total recharge less total ET
```

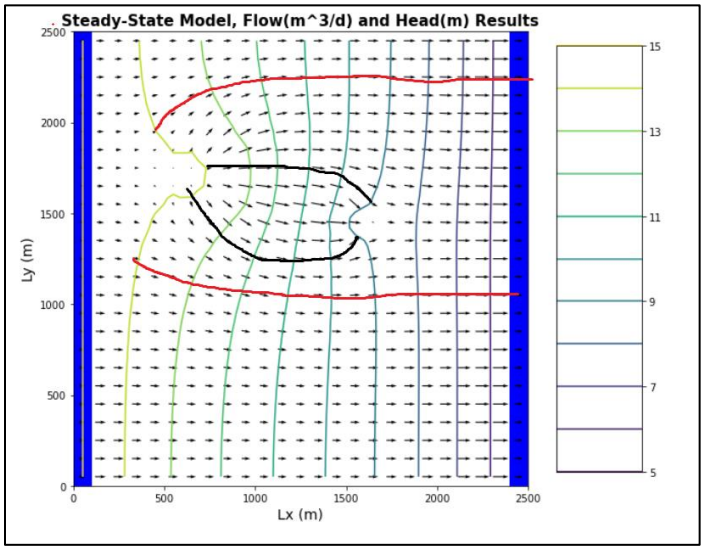
Challenge 3: Water balance numbers, head contours and fluxes for extinction depth = 6 m

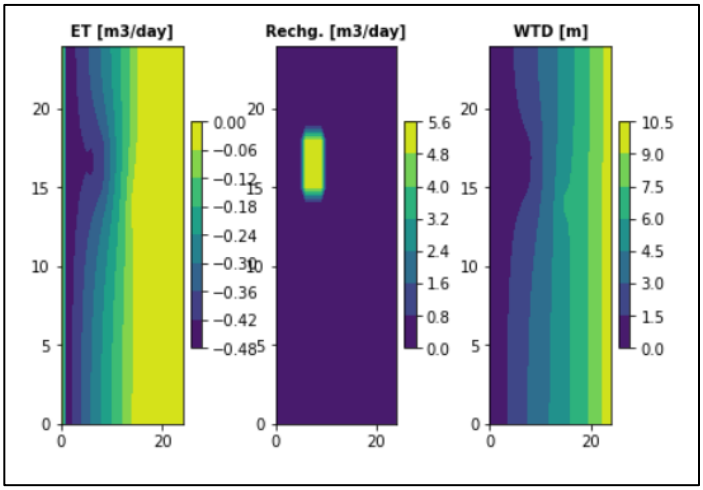
```
Total ET [m3/day]: -109.03041415312327
Total Recharge [m3/day]: 80.0
Left Flux = 129.5661 [m3/day]  Right_flux= 100.5354 [m3/day]
Change in flux equals total recharge less total ET
```





Challenge 4: Contamination zone, ET, recharge, and water table depth for extinction zone = 6m





Challenge 5: Water balance numbers for the well

```
Total ET [m3/day]: -103.51582634419901
Total Recharge [m3/day]: 80.0
Left Flux = 134.2671 [m3/day]  Right_flux= 90.751 [m3/day]
Change in flux equals the difference between ET and pumping losses and the recharge
```