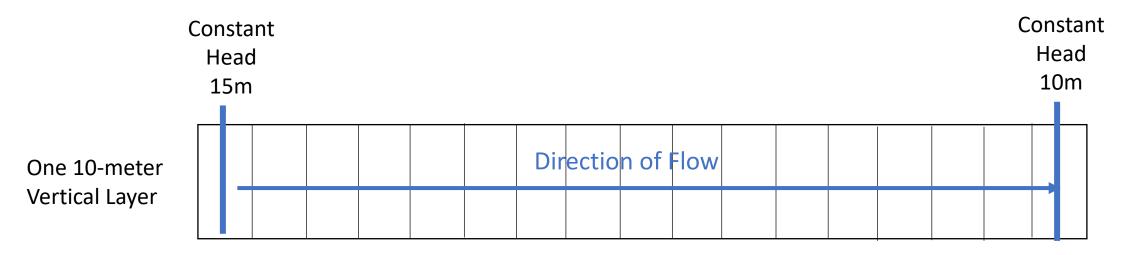


Map View

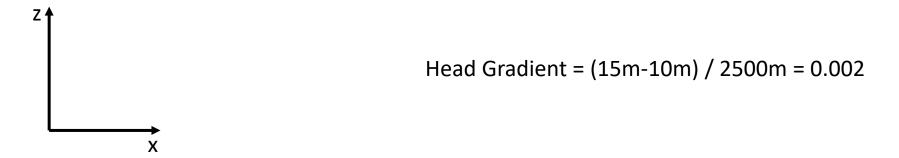
Head measured at center of cells, K throughout each cell

25 Horizontal x 25 Vertical Cells (not to scale)

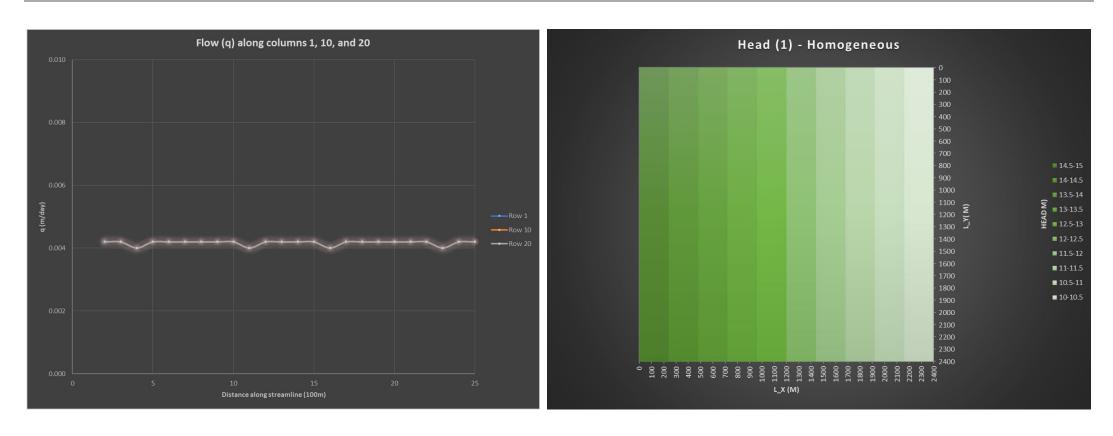
Cross-Section View



25 Horizontal Cells (not to scale)



Homogeneous model K = 2 m / day

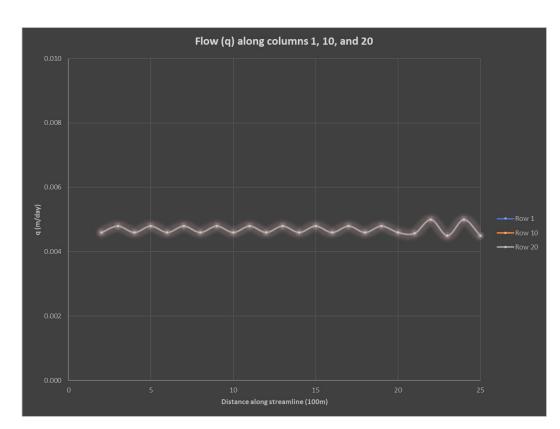


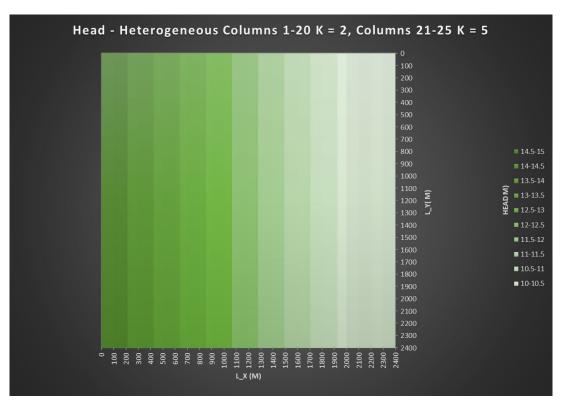
q in rows 1, 10, and 20 are the same, which is why only one line is visible

Heterogeneous Model

Columns 1-20: K = 2 m / day

Columns 21-25: K = 5 m / day

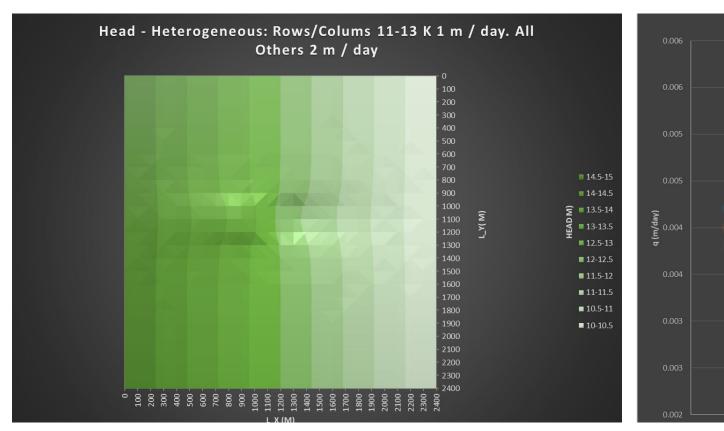


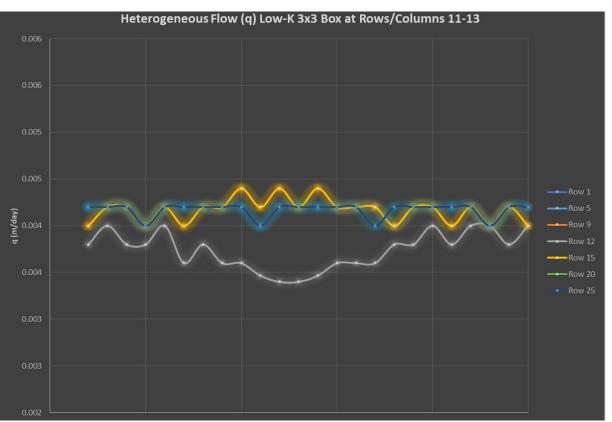


The amplitude of the flux oscillation increases in the column when K = 5 m / day, but the mean flux appears to be the same as in the K = 2 m / day columns.

Heterogeneous Model:

K = 1 m / day in 3x3 Box in Rows/Columns 11-13 K = 2 m / day Everywhere Else





Row 12 runs right through the middle of the Low-K 3x3 box. Rows 9 and 15 are near (but not inside) the low-K 3x3 box.