



Observed: two observation wells very close to each other, approx 3000 ft from lakes
heads in aquifer 1 are on average 14 ft higher than in aquifer 2
Infiltration lake levels vary 21 ft
heads in aquifer 1 vary 8 ft, heads in aquifer 2 vary 13 ft.
all observation wells in aquifer 2 vary a lot more than in aquifer 1

Question: how can this physically be explained?
how can this be simulated by a model?

