

Figure 1: Base Condition plots of Boundary Conditions, Flow Vectors/Equipotential Lines, and Flows, Head, and Leakage along the stream column.

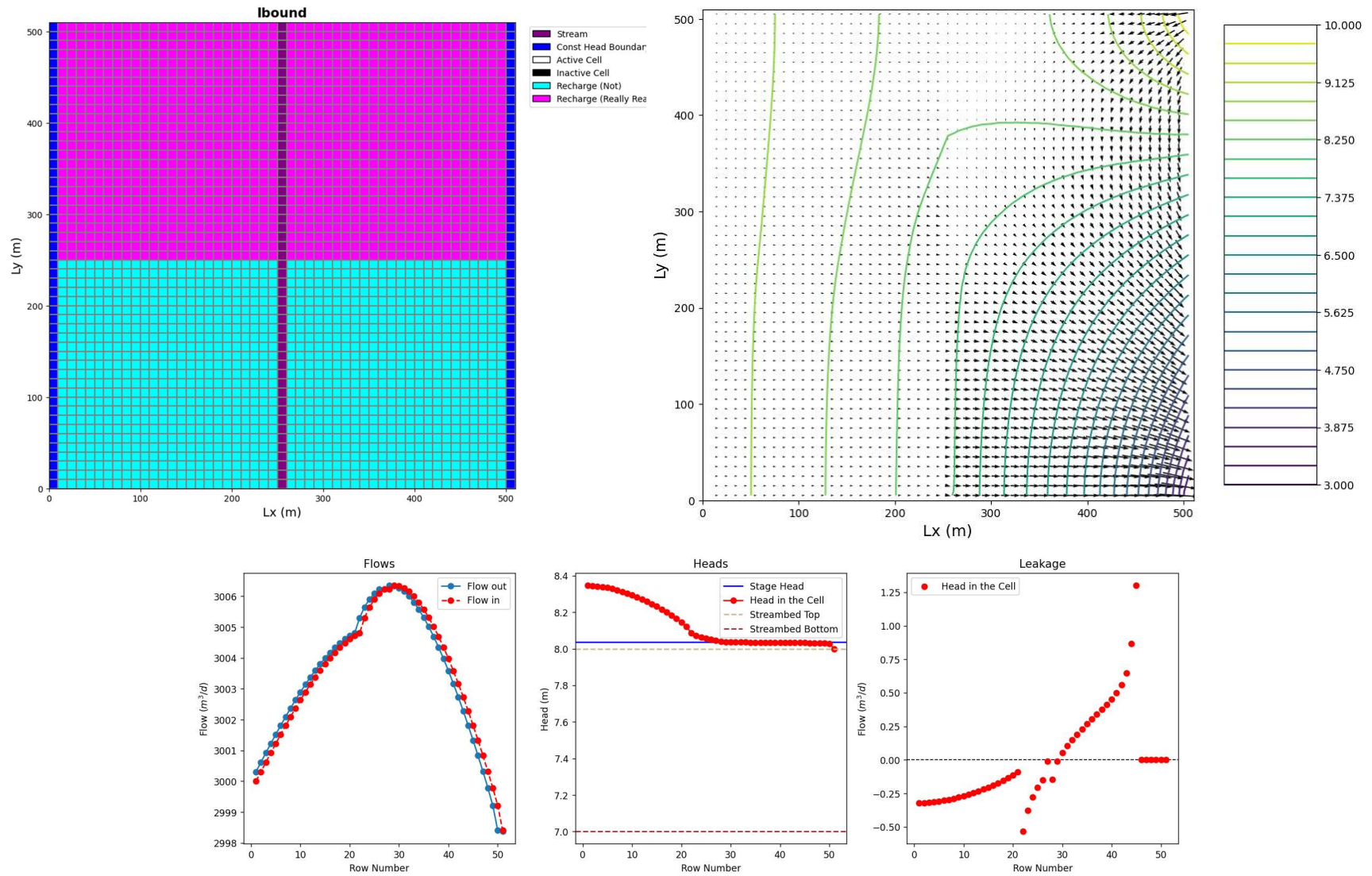


Figure 2: Model plots, with reach inflow =  $3000 \text{ m}^3/d$ , of Boundary Conditions, Flow Vectors/Equipotential Lines, and Flows, Head, and Leakage along the stream column.



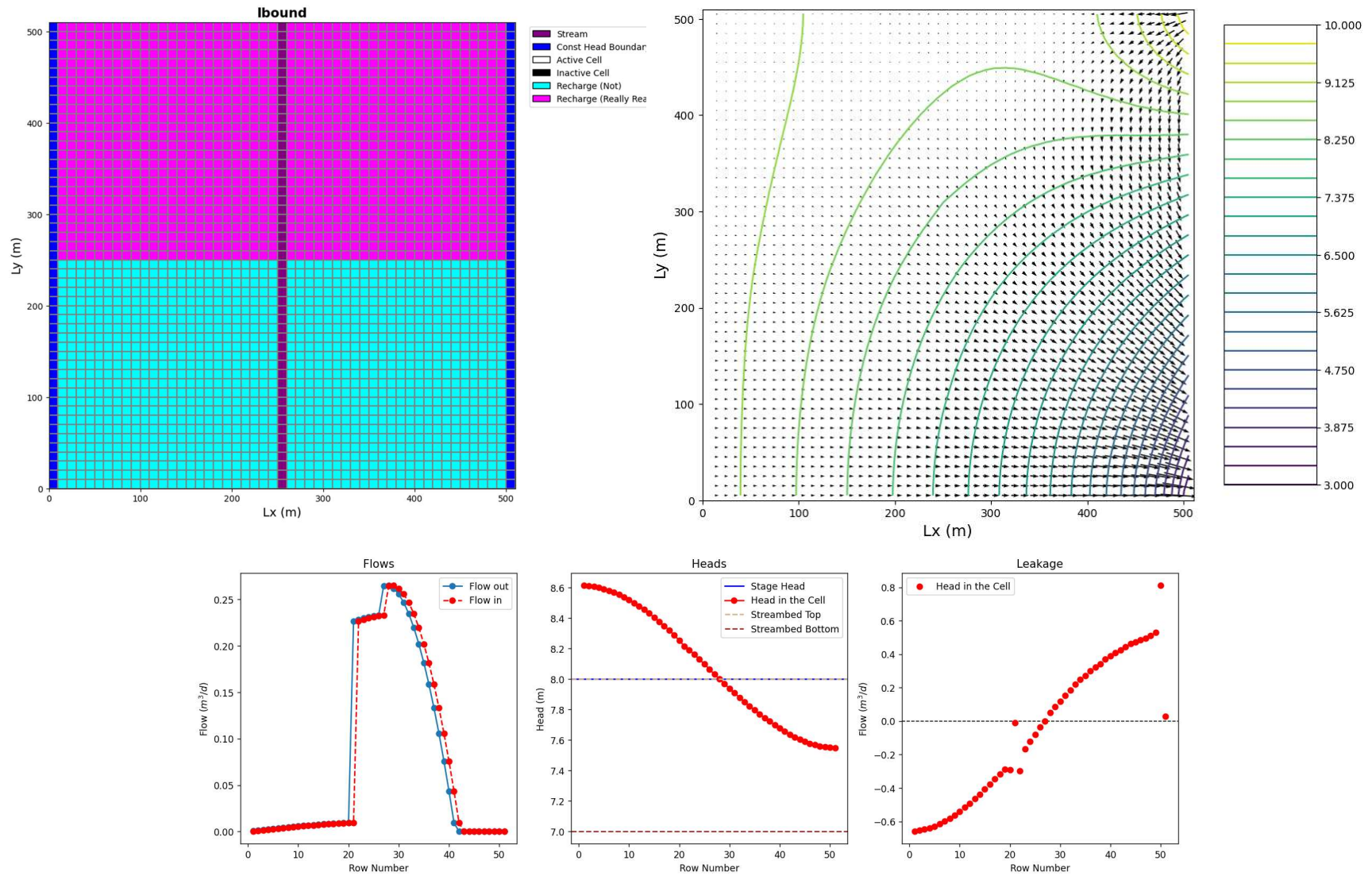


Figure 3: Model plots, with river bottom  $K = 1e-3$  ft/d, of Boundary Conditions, Flow Vectors/Equipotential Lines, and Flows, Head, and Leakage along the stream column. (I'm not sure, but some of the code comments change around units from m/d to ft/d pretty consistently).

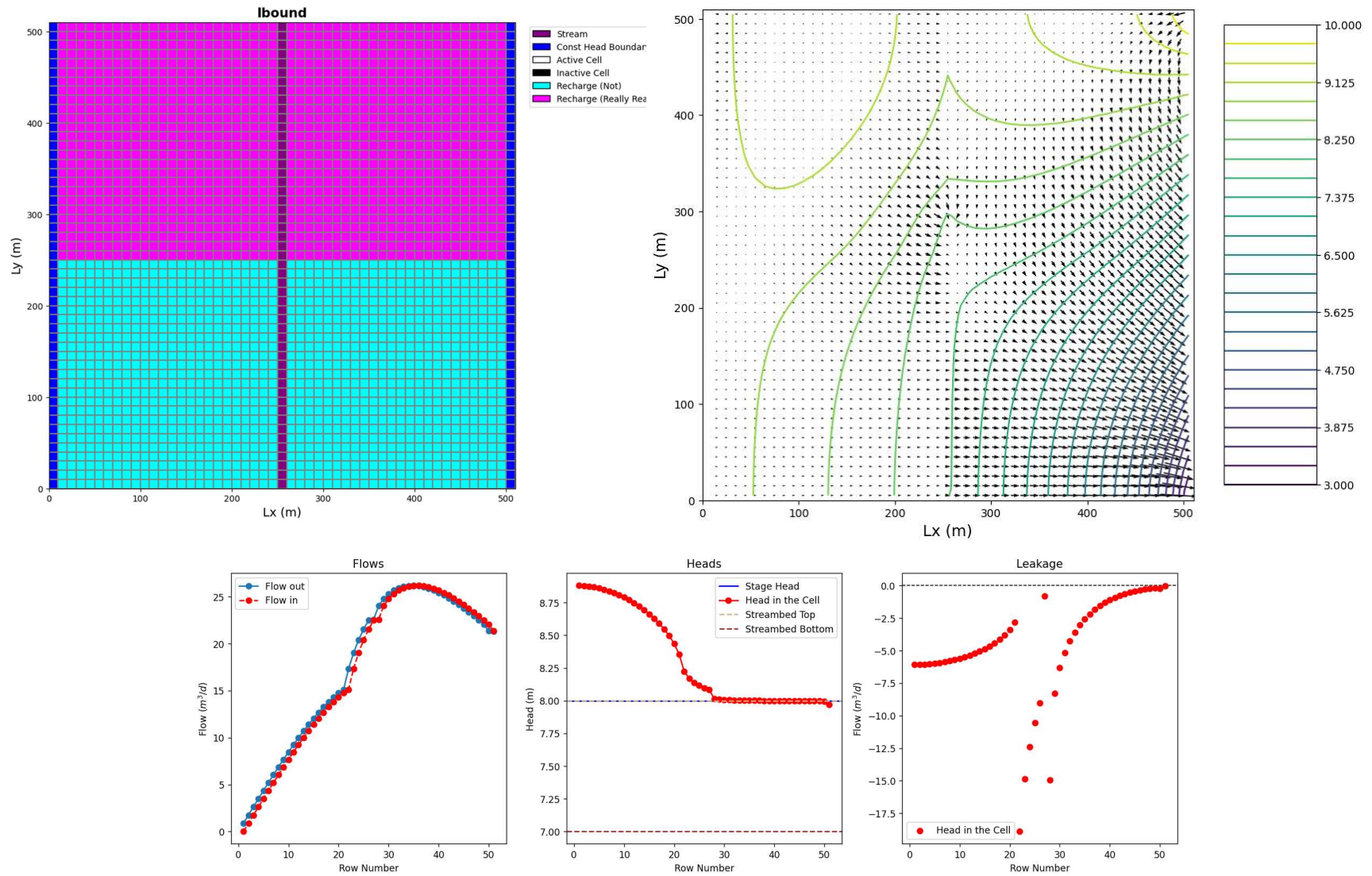


Figure 4: Model plots, with recharge one magnitude larger than initial conditions ( $5e-4$  m/d), of Boundary Conditions, Flow Vectors/Equipotential Lines, and Flows, Head, and Leakage along the stream column.