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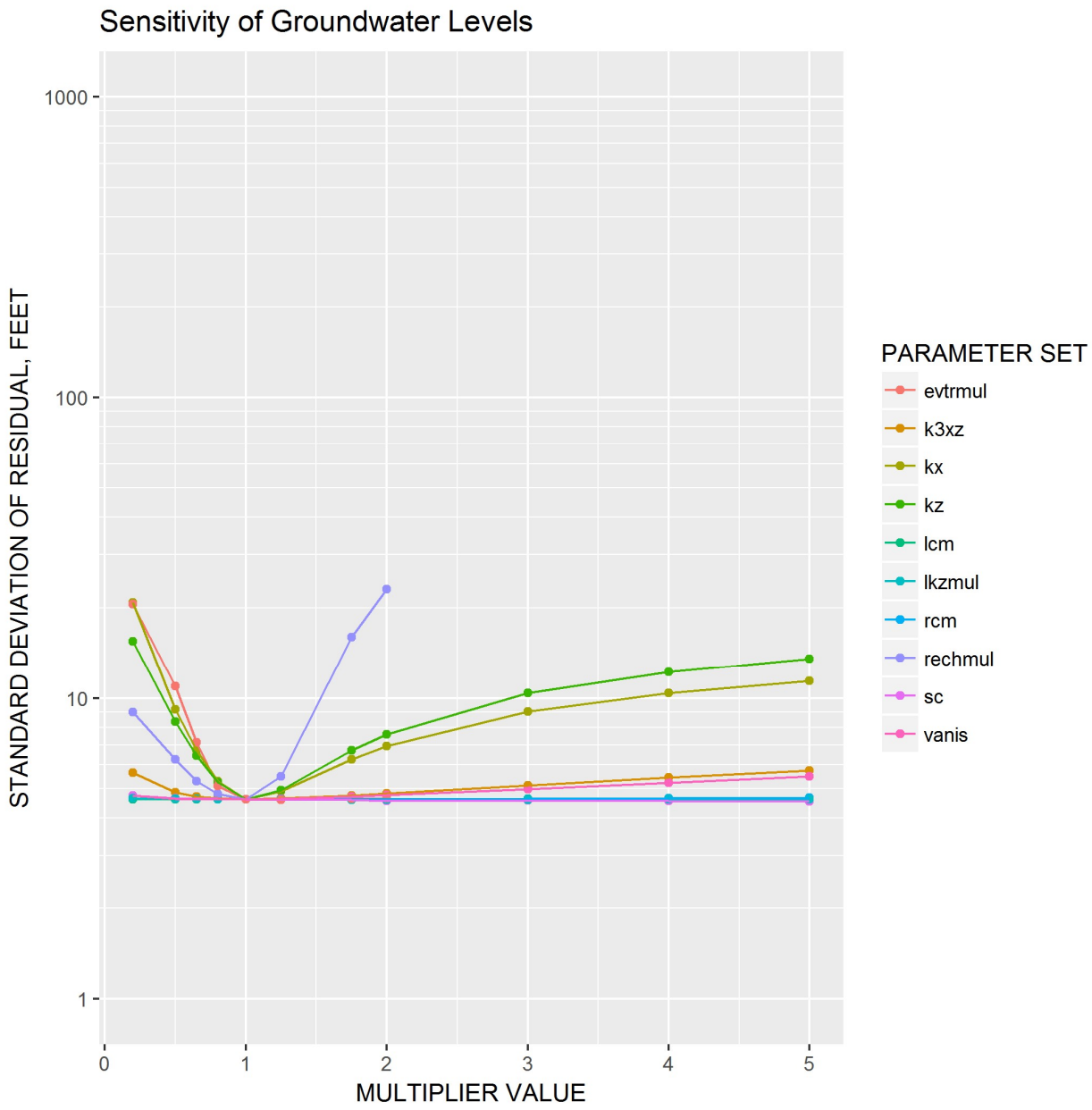

Figure 7-1 Sensitivity of simulated groundwater levels to changes in aquifer parameters and boundary conditions

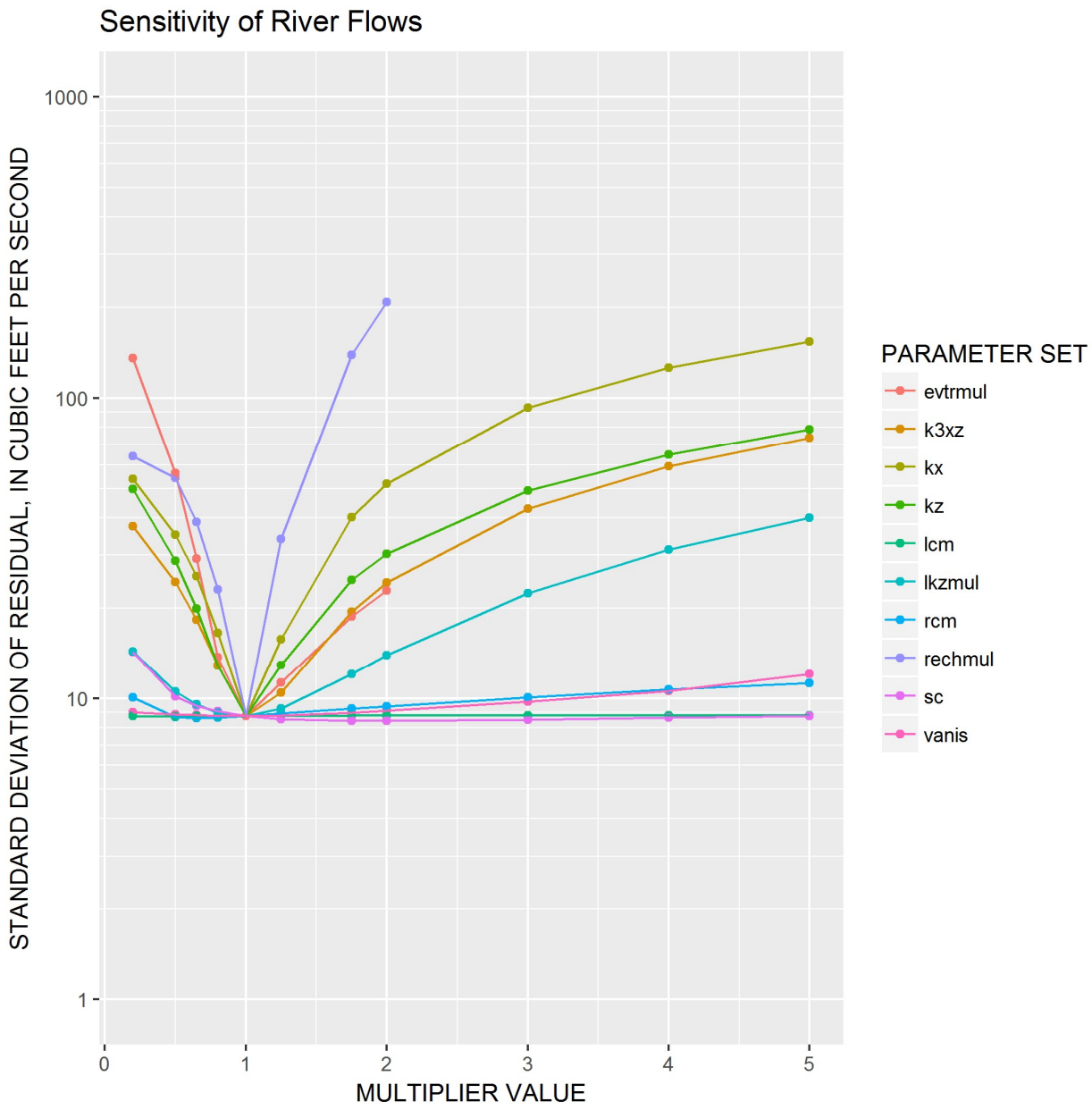

Figure 7-2 Sensitivity of simulated baseflows to change in aquifer parameters and boundary conditions

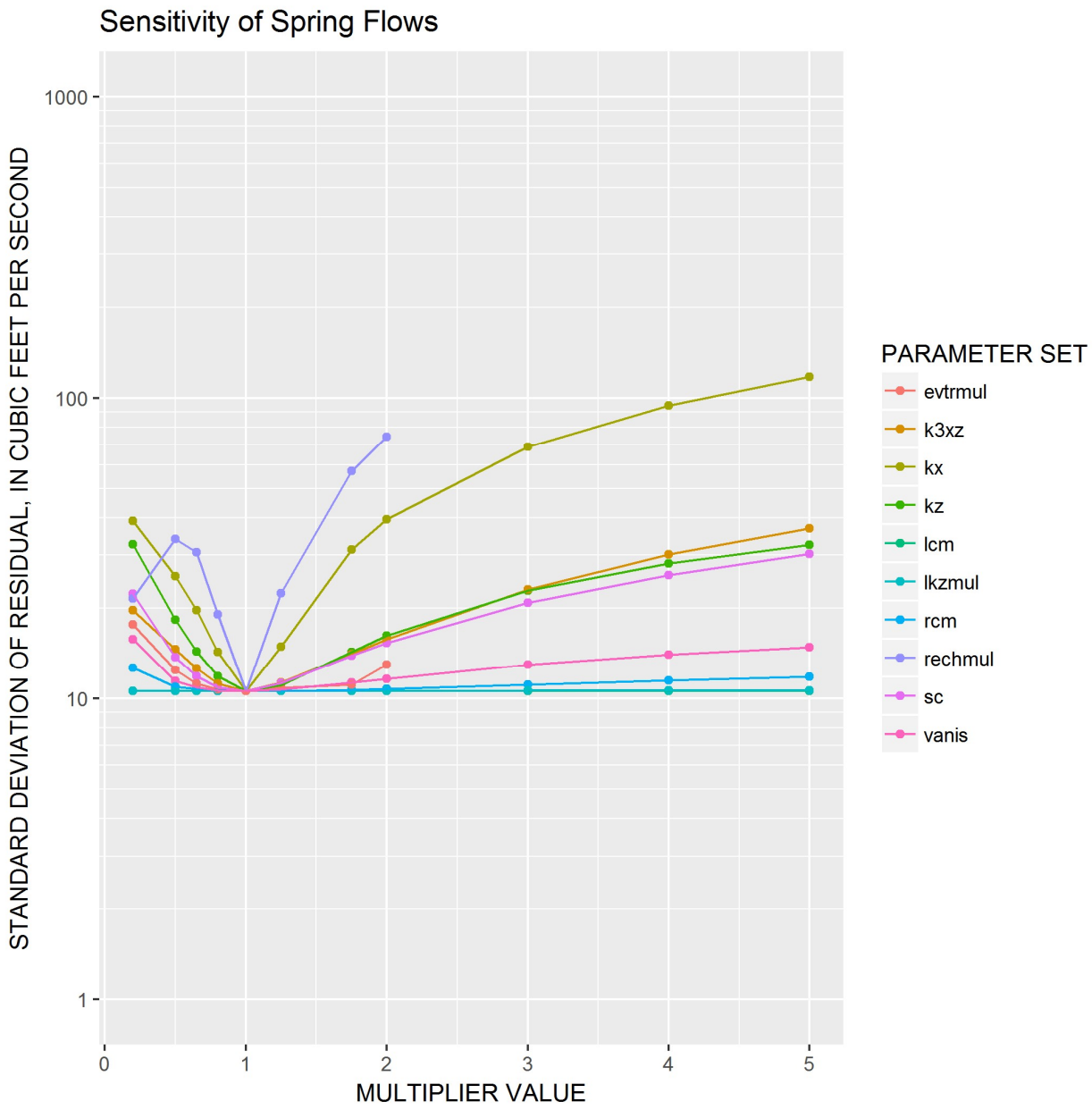

Figure 7-3 Sensitivity of simulated spring flows to changes in aquifer parameters and boundary conditions

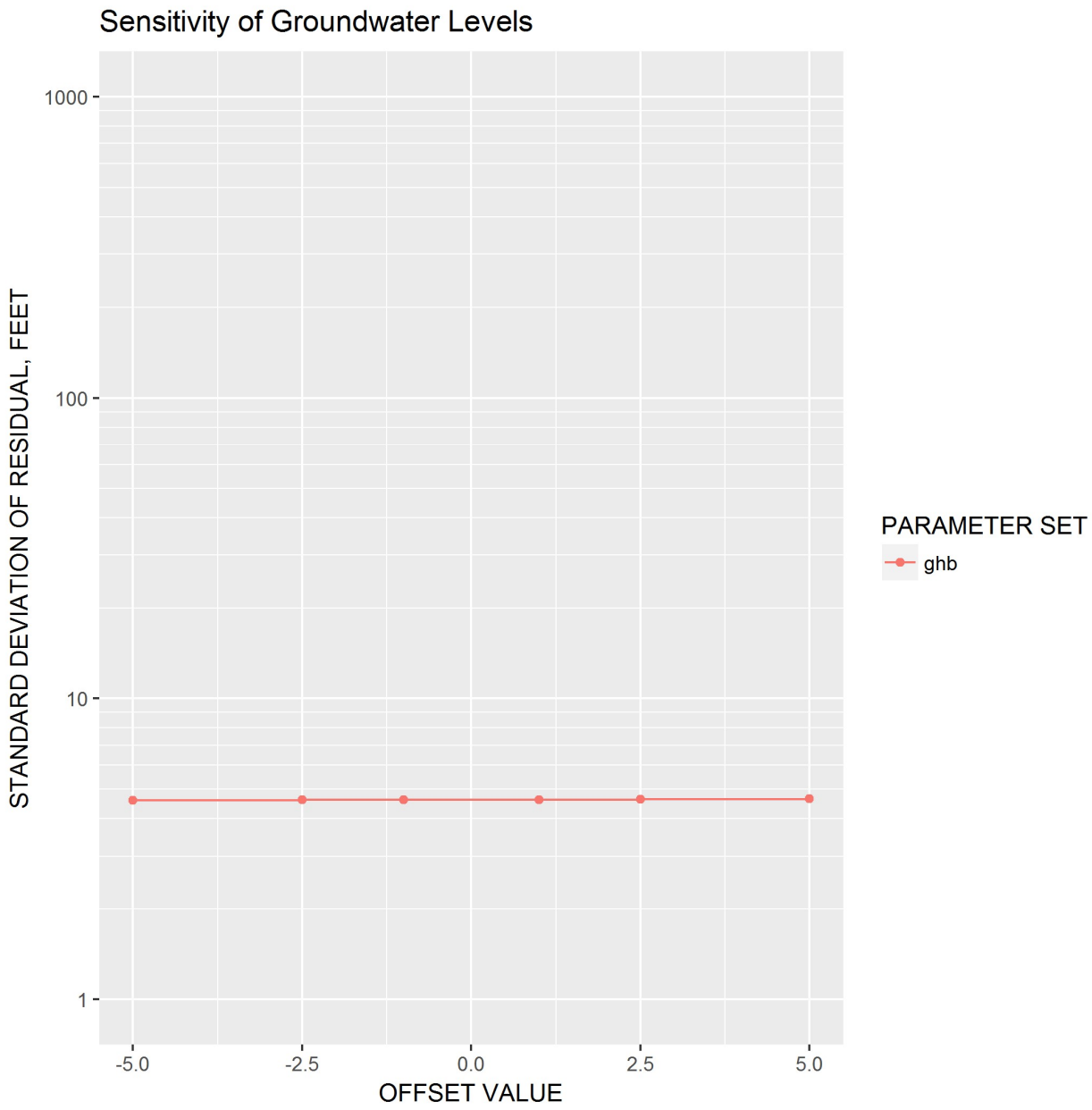

Figure 7-4 Sensitivity of simulated groundwater levels to changes in lateral boundary heads

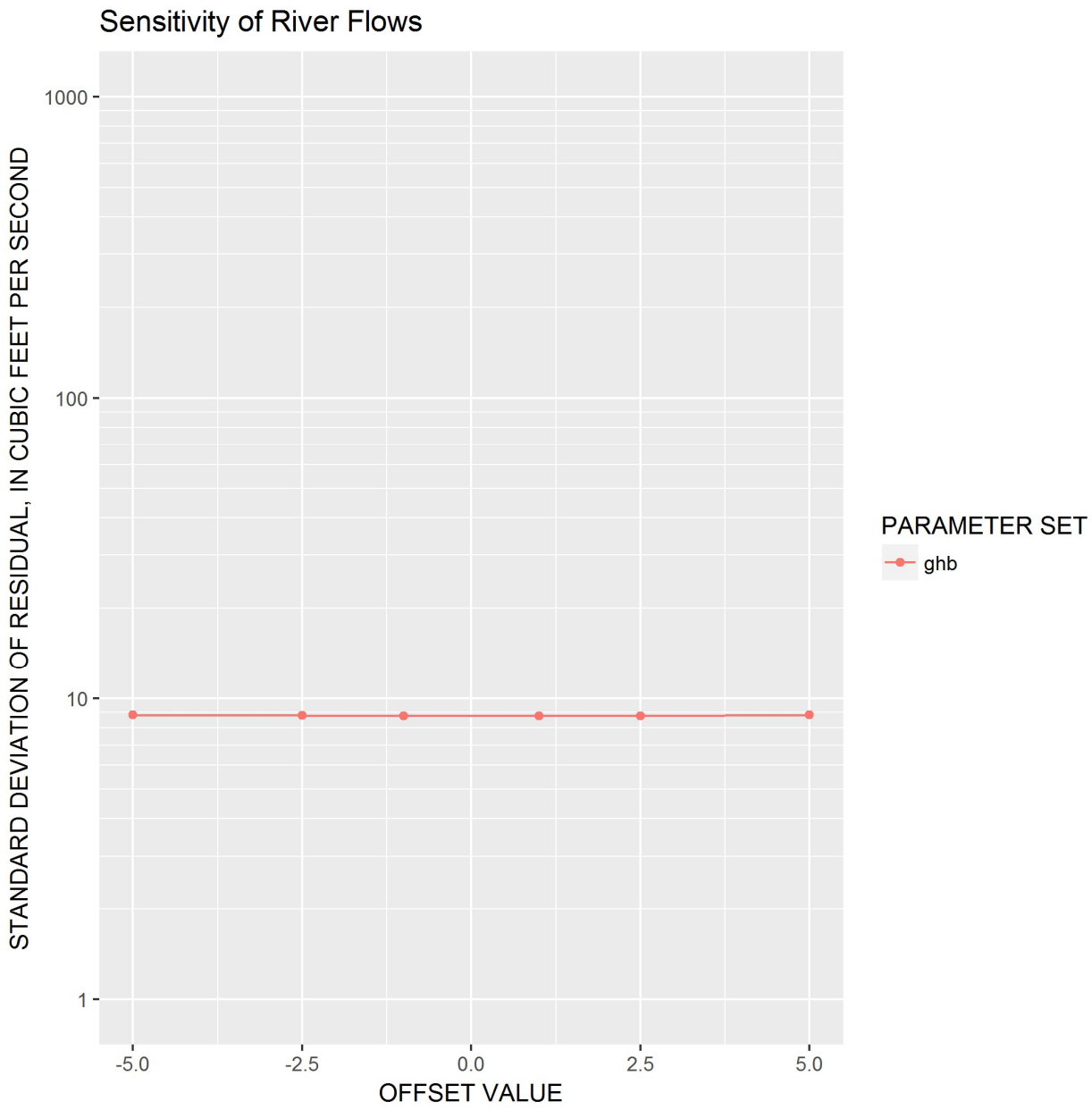

Figure 7-5 Sensitivity of simulated baseflows to changes in lateral boundary heads

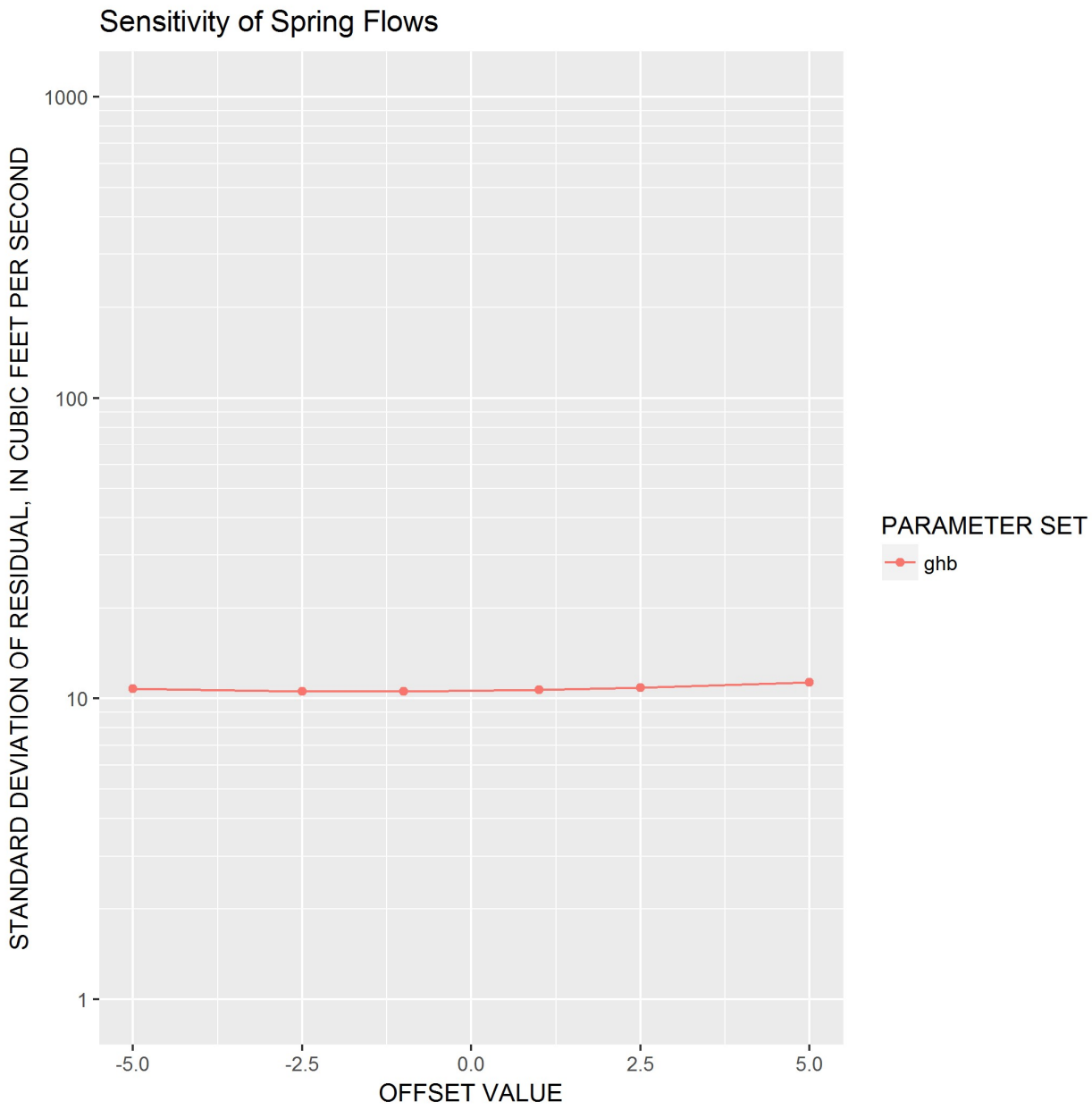

Figure 7-6 Sensitivity of simulated spring flows to changes in lateral boundary heads

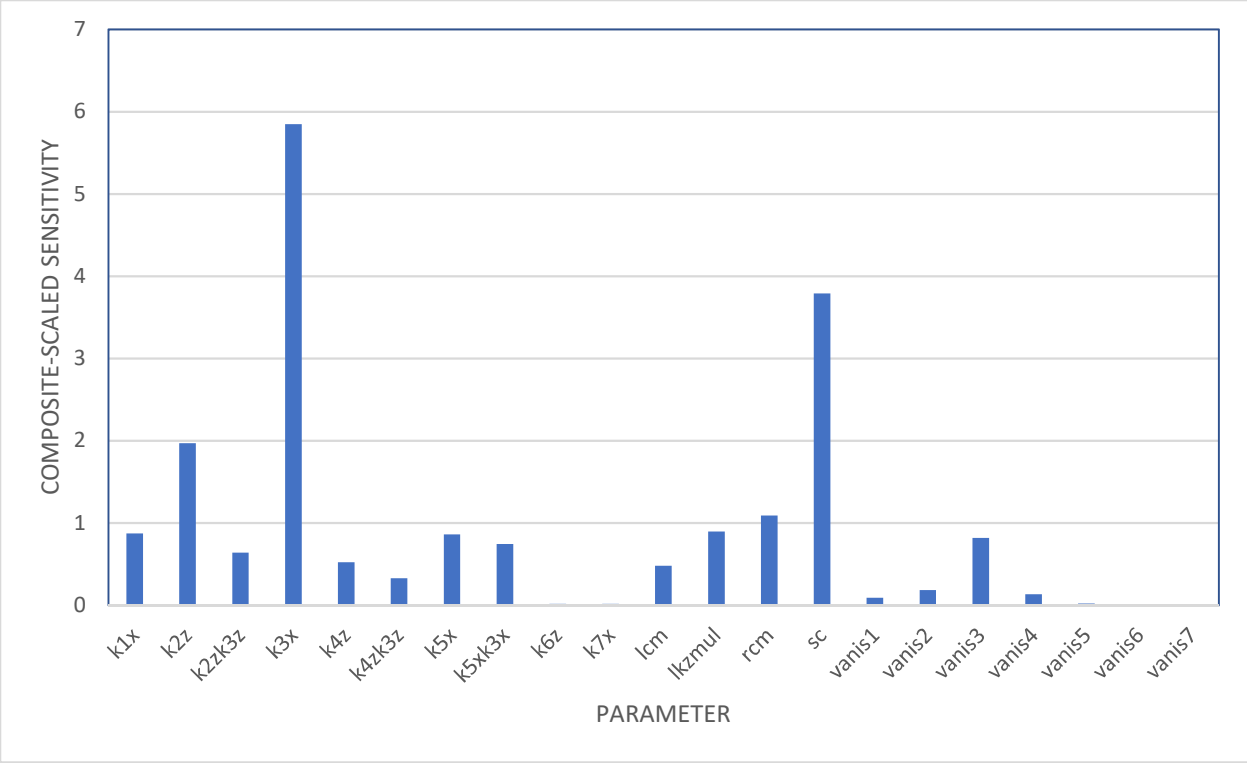

Figure 7-7 Composite-scaled sensitivities for all observations

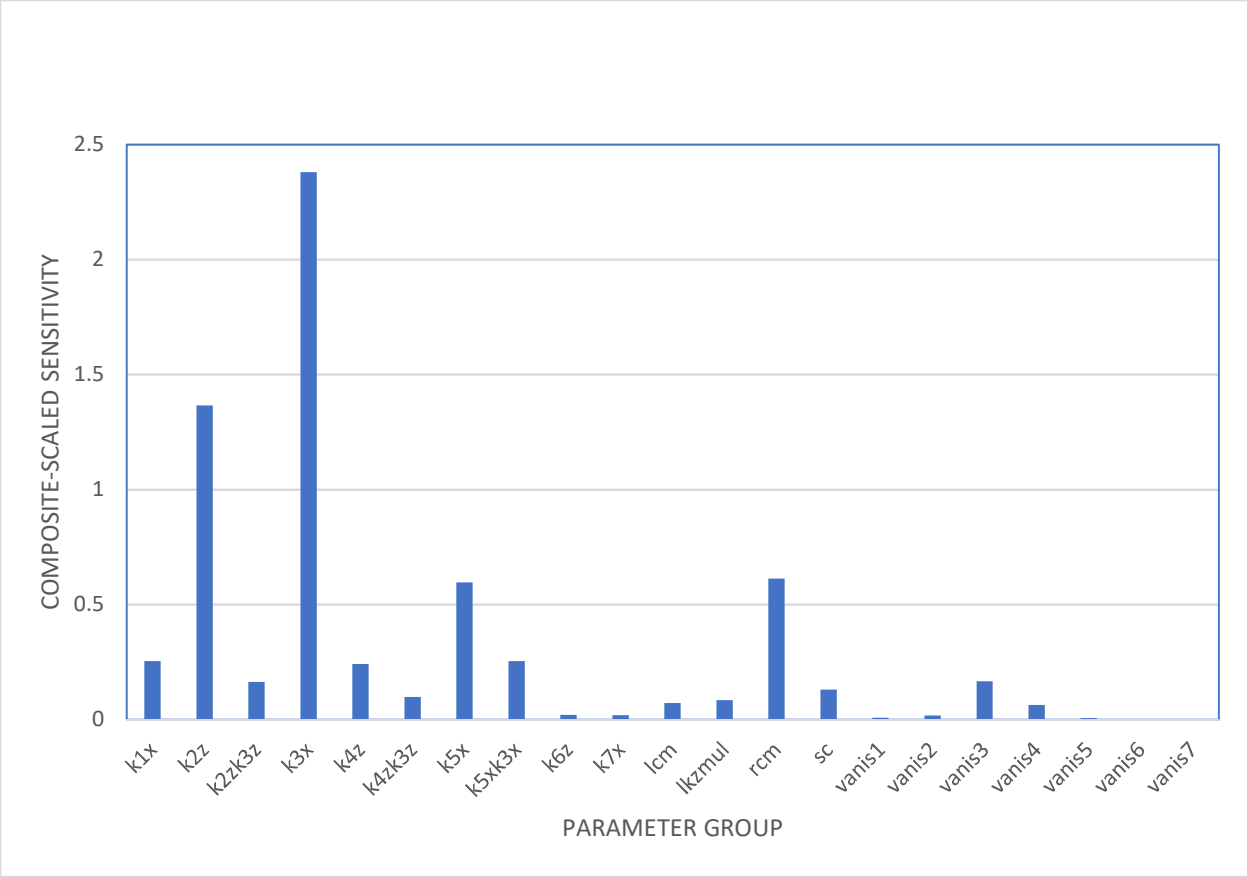

Figure 7-8 Composite-scaled sensitivities for groundwater-level observations

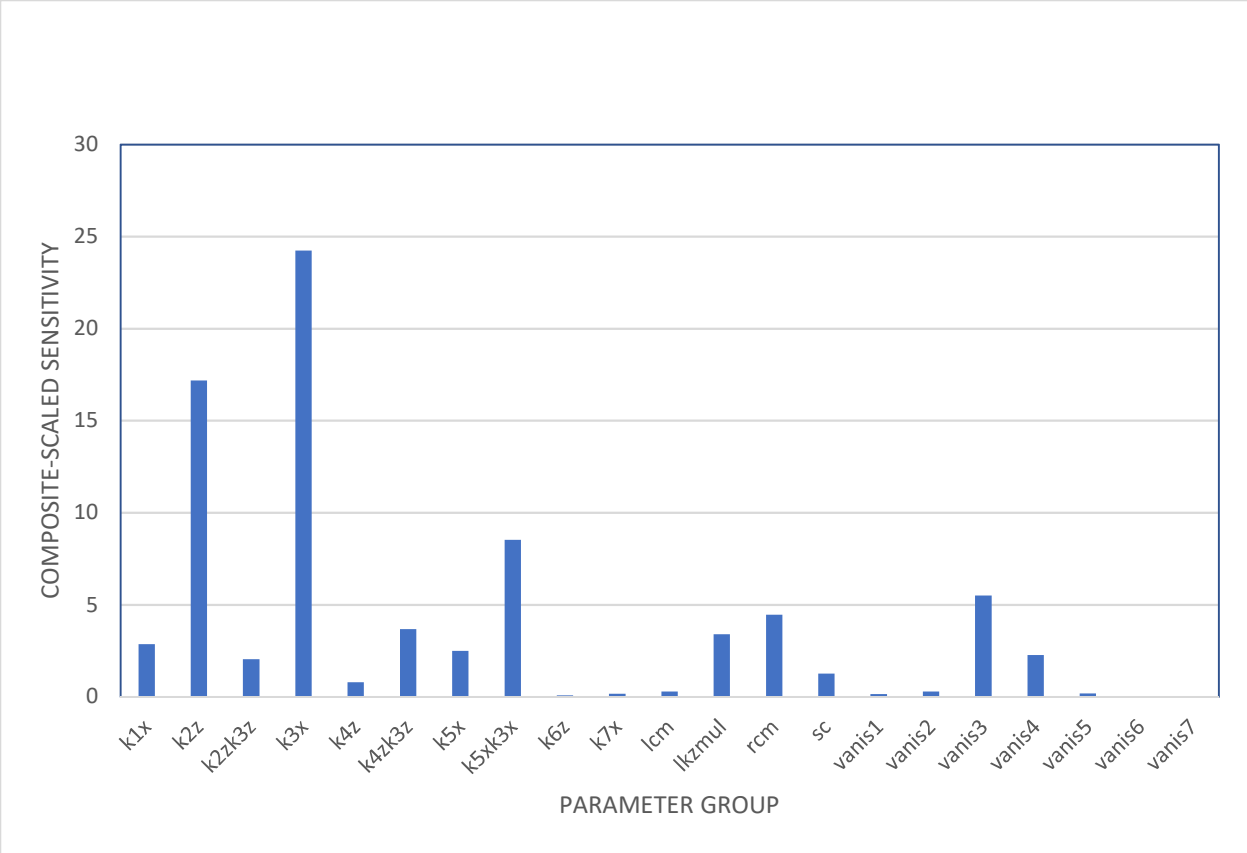

Figure 7-9 Composite-scaled sensitivities for baseflow observations

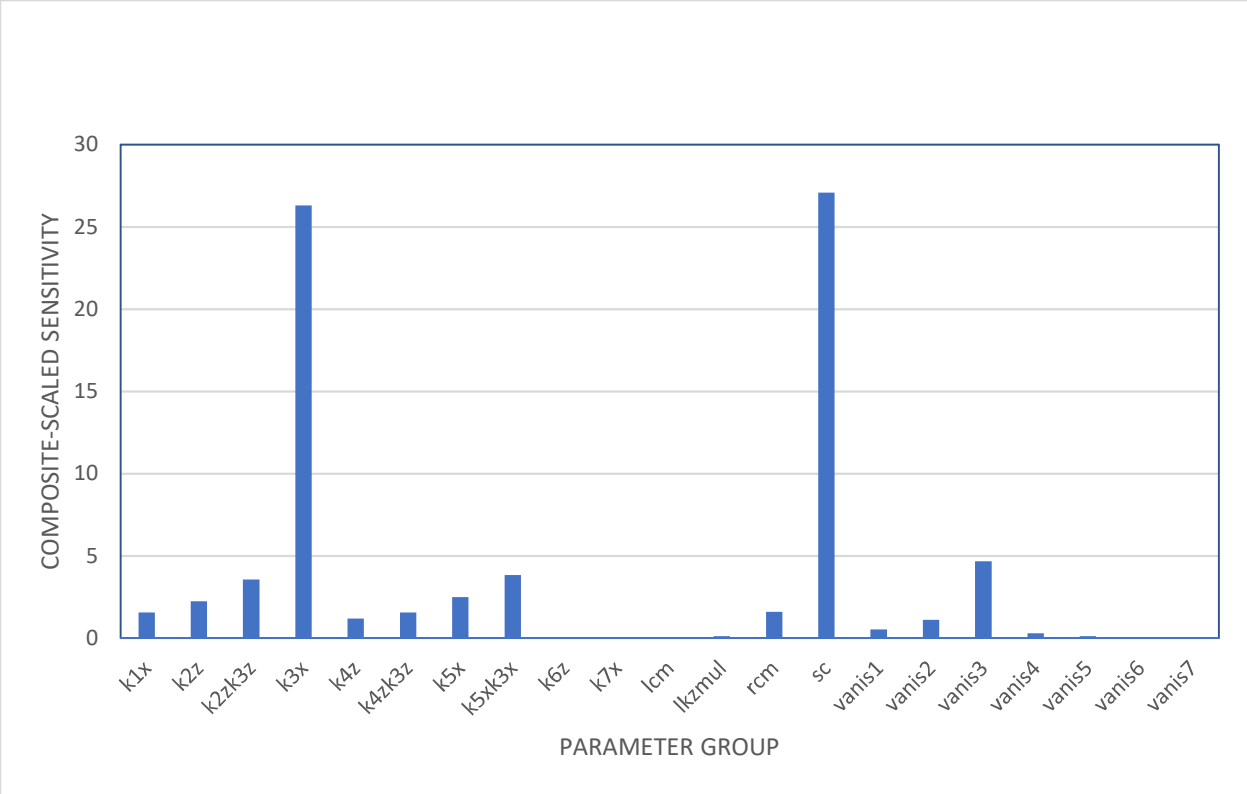

Figure 7-10 Composite-scaled sensitivities for spring-flow observations

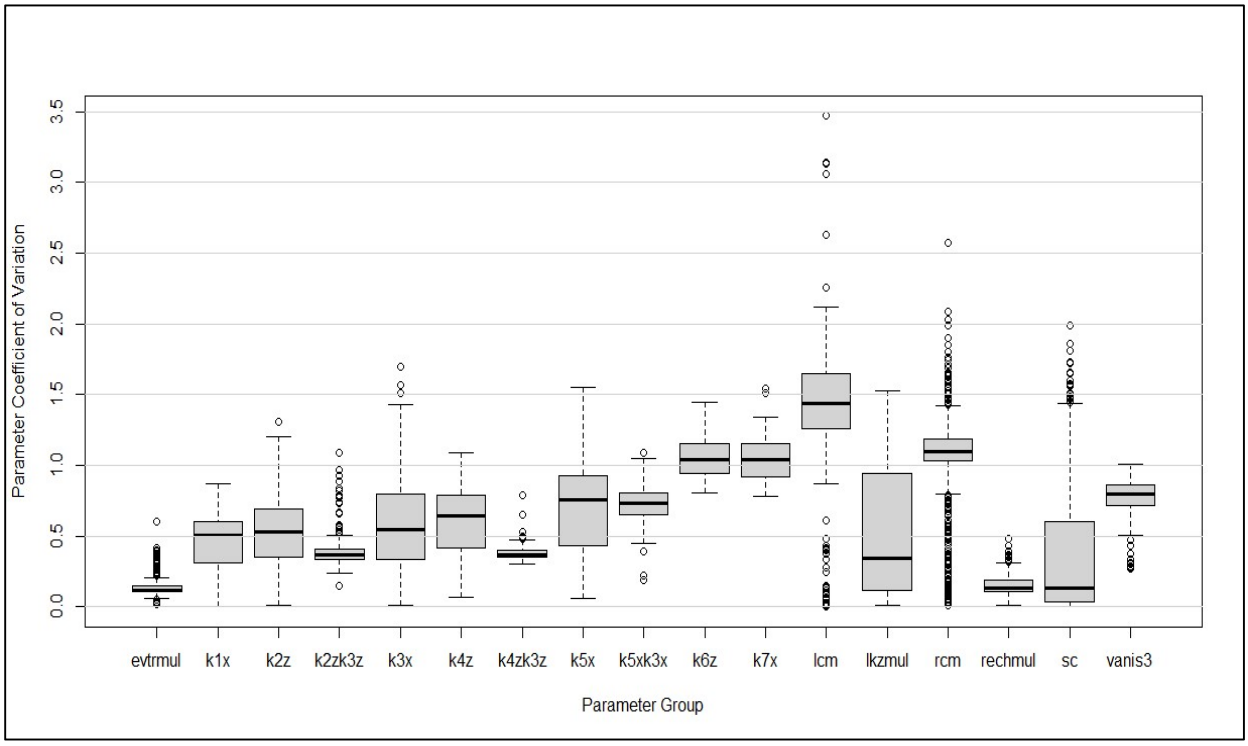

Figure 7-11. Coefficient of Variations for all parameter groups

Figure 7-12. Location evaluated in the prediction uncertainty analysis. Points shown as orange are locations of simulated Upper Floridan aquifer groundwater levels. Points shown as green are springs. Black triangles represent the downstream limits of simulated river reaches.

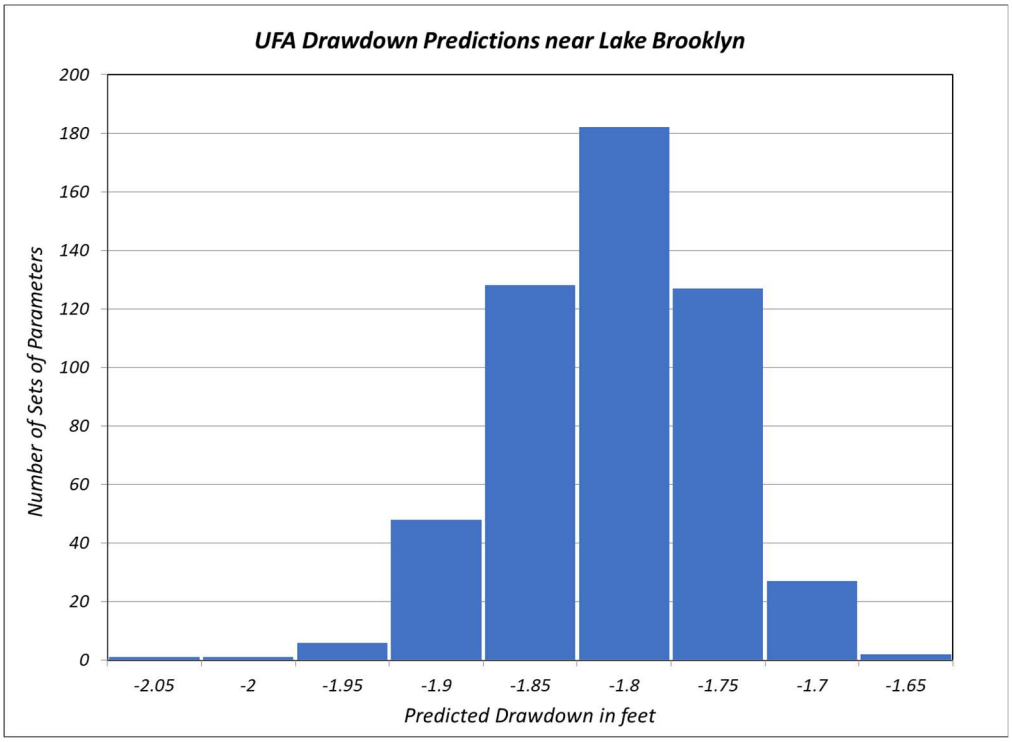

Figure 7-13. Histogram for the predicted change in flow in the Upper Floridan aquifer groundwater level near Lake Brooklyn from 2009 to the 2035 hypothetical withdrawal scenario based on 522 sets of parameters.

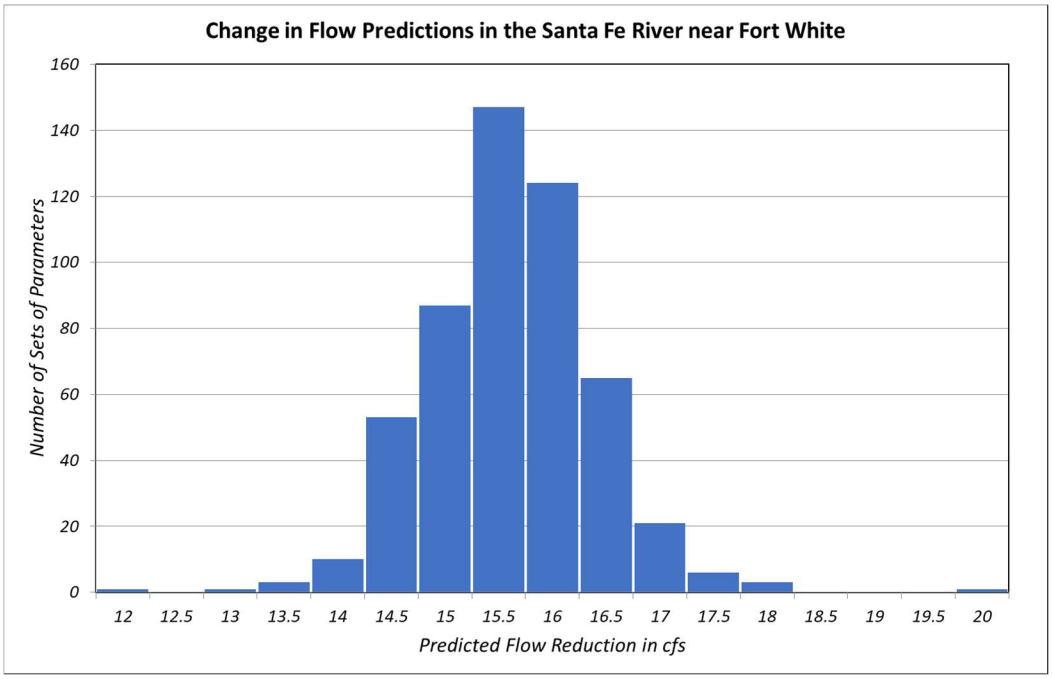

Figure 7-14. Histogram for the predicted flow reduction in the Santa Fe River near Forth White from 2009 to the 2035 hypothetical withdrawal scenario based on 522 sets of parameters.