

Table 1. HL-RDHM parameters and their sampled ranges for sensitivity analysis.

Parameter	Description	Lower Bound	Upper Bound
LZFPM	Lower zone free water primary maximum storage	8.8	58.8
LZFSM	Lower zone free water supplemental maximum storage	19.2	193.2
LZPK	Lower zone primary withdrawal rate	0.0408	0.264
LZSK	Lower zone supplemental withdrawal rate	0.00168	0.0175
LZTWM	Lower zone tension water maximum storage	61.6	249.6
PCTIM	Permanent impervious area (%)	0	0.05
PFREE	Percolation to lower zone (%)	0.16	0.55
REXP	Percolation equation exponent	1.69	3.47
UZFWM	Upper zone free water maximum storage	8.8	64.8
UZK	Upper zone free water withdrawal rate	0.19	0.76
UZTWM	Upper zone tension water maximum storage	19.2	78
ZPERC	Maximum percolation rate under dry conditions	27.2	140.4
ADIMP	Saturated impervious area (%)	0	0.2
RIVA	Riparian vegetation area (%)	0	0.2