

Simulation	Parameter	Description	Unit	Values		
				MIN	REF	MAX
SROAD	$W_{\max,rd}^{\text{surf}}$	Maximum retention capacity of the road surface reservoir	mm	0.5 ^{c,e}	3.0 ^b	6.0 ^c
SROOF	$W_{\max,rf}^{\text{surf}}$	Maximum retention capacity of the roof surface reservoir	mm	0.25 ^{a,b}	1.5 ^e	3.0 ^e
IP	I_p	Parameter describing the sewer pipe water tightness	–	10^{-3}	10^{-1}	1
IROAD	I_{rd}	Infiltration rate through the road	m s^{-1}	$10^{-9\text{c,e,d,b}}$	10^{-6}	$10^{-5\text{c}}$
CONN	f_{con}	Effective fraction of impervious surfaces connected to the sewer network	–	0.5 ^f	0.7 ^f	0.9 ^{e,f}
DRAIN	D_*	Deep drainage	%	0	5	10