Name	Unit	Intended meaning	Minimum	Maximum
tr_soil_GW	day	Residence time from soil to upper GW	0.5	150
tr_soil_river	day	Residence time from soil to river	0.5	55
tr_surf_river	day	Residence time from surfaces to river	0	30
tr_GW_l	day	Residence time from upper GW to river/outlet	1	1000
tr_GW_u	day	Residence time from upper GW to river/outlet	1	750
tr_GW_u_GW_l	day	Residence time from upper to lower GW	10	750
tr_river	day	Residence time from river to outlet	0	3.5
V0_soil	mm	Field capacity of the soil	15	350
beta_soil_GW	–	Exponent which changes the shape of the flow curve	0.5	3.2
beta_river	–	Exponent which changes the shape of the flow curve	0.3	4
ETV1	mm	Volume under which the evapotranspiration is lowered	0	100
fETV0	%	Factor by what the evapotranspiration is lowered	0	0.25
meltrate	$mm\,°C^{-1}\,day^{-1}$	Melt rate of the snow	0.15	10
snow_melt_temp	°C	Temperature of snowmelt	−1	4.2
Qd_max	$mm\,day^{-1}$	Maximal drinking water extraction	0	3
TW_threshold	mm	Amount of water that cannot be extracted	0	100
LAI	–	Leaf area index	1	12
CanopyClosure	%	Canopy closure	0	0.5
Ksat	$m\,day^{-1}$	Saturated conductivity of the soil	0	1