

	Description	Parameter	Fitted values
Water quantity	Initial SCS curve number (moisture condition II) for runoff potential.	CN2	< 0.25
	Soil evaporation compensation factor.	ESCO	< 0.2
	Plant uptake compensation factor.	EPCO	< 1.0
	Maximum canopy storage (mm).	CANMX	Varies by vegetal cover
	Manning's coefficient "n" value for the main channel.	CH_N2	0.025
Water quality	Nitrate percolation coefficient	NPERCO	0.2
	Minimum value of the USLE C coefficient for water erosion related to the land cover	USLE_C	Varies by land use (< 0.4)