

Index	Explanation	Unit
total $Q$	total daily water discharge	$\text{m}^3 \text{ day}^{-1}$
$Q_{\max}$	value of maximum hourly water discharge per day	$\text{m}^3 \text{ h}^{-1}$
$h_{\text{pulse}}^*$	hour of the day when the melting streamflow pulse starts	hour of the day
$Q_{\text{base}}$	mean water discharge value between the start of the day (00:00 h) and the hour when $h_{\text{pulse}}$ occurs	$\text{m}^3 \text{ h}^{-1}$
$h_{Q_{\max}}$	hour of the day when	hour of the day
$Q_{\text{range}}$	difference between $Q_{\text{base}}$ and $Q_{\max}$	$\text{m}^3 \text{ h}^{-1}$
$Q_{\text{slope}}$	slope of the streamflow rising limb between $h_{\text{pulse}}$ and $h_{Q_{\max}}$	slope in %
decayslope	slope of the streamflow decaying limb between $h_{Q_{\max}}$ and 23:00 h	slope in %
$T_{\max}$	value of maximum hourly temperature per day	$^{\circ}\text{C h}^{-1}$
$T_{\min}$	value of minimum hourly temperature per day	$^{\circ}\text{C h}^{-1}$
$T_{\text{mean}}$	mean daily temperature	$^{\circ}\text{C day}^{-1}$
$T_{\text{range}}$	difference between $T_{\min}$ and $T_{\max}$	$^{\circ}\text{C h}^{-1}$
$h_{T_{\max}}$	hour of the day when the $T_{\max}$ occurs	hour of the day
Diffh	time difference between $h_{T_{\max}}$ and $h_{Q_{\max}}$	Hours
$P_{\max}$	value of maximum hourly precipitation per day	$\text{mm h}^{-1}$
$h_{P_{\max}}$	hour of the day when the $P_{\max}$ occurs	hour of the day
pp	daily precipitation sum	$\text{mm day}^{-1}$