

General group	Regime features	Flow parameters used in the RVA
Group 1: Magnitude of monthly water conditions	Magnitude, timing	Mean value for 12 calendar month
Group 2: Magnitude and duration of annual extreme conditions	Magnitude, duration	Annual minimum 1-day means Annual maximum 1-day means Annual minimum 3-day means Annual maximum 3-day means Annual minimum 7-day means Annual maximum 7-day means Annual minimum 30-day means Annual maximum 30-day means Annual minimum 90-day means Annual maximum 90-day means
Group 3: Timing of annual extreme water conditions	Timing	Julian date of each annual 1-day maximum Julian date of each annual 1-day minimum
Group 4: Frequency and duration of high and low pulses	Magnitude, frequency, duration	Number of high pulses each year Number of low pulses each year Mean duration of high pulses within each year Mean duration
Group 5: Rate and frequency of water condition changes	Frequency, rate of change	Means of all positive differences between consecutive daily values Means of all negative differences between consecutive daily values Number of rises Number of falls