

a b

Observed

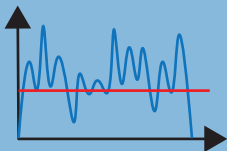
Simulated

1 Event identification
threshold-level approach

2 Frequency analysis

3 Event comparison

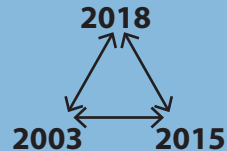
Precipitation



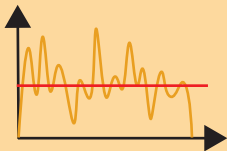
Deficit
duration
 Δt

Deficit

Vol



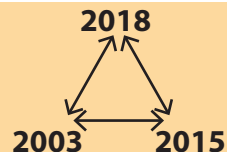
Discharge



Deficit
duration
 Δt

Deficit

Vol



Soil moisture



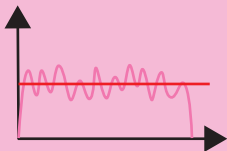
Deficit
duration
 Δt

Deficit

Vol



Low-flow storage



Deficit
duration
 Δt

Deficit

Vol

