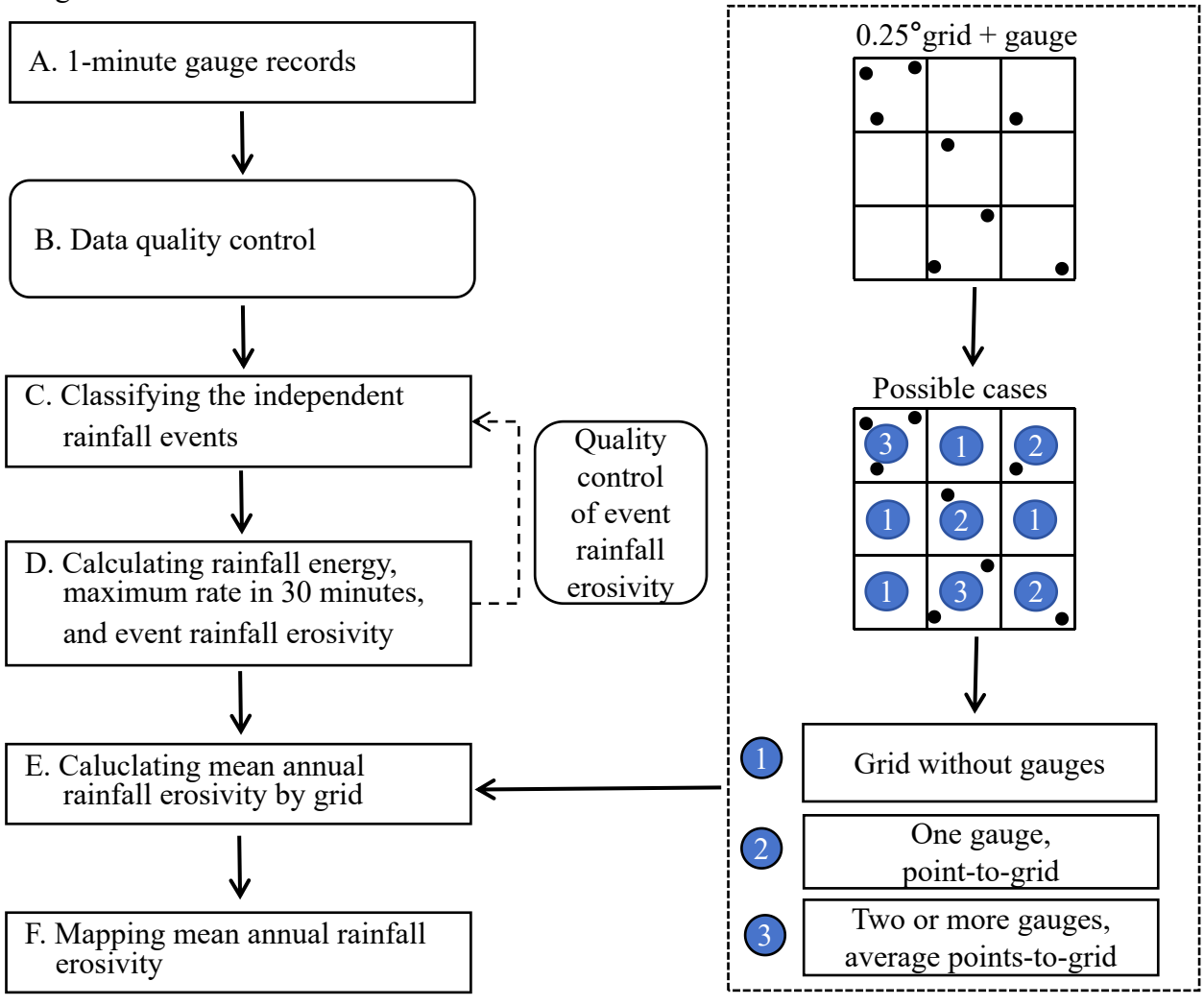
Algorithm


A. 1-minute gauge records
B. Data quality control
C. Classifying the independent rainfall events
D. Calculating rainfall energy, maximum rate in 30 minutes, and event rainfall erosivity
Quality control of event rainfall erosivity
E. Caluclating mean annual rainfall erosivity by grid
F. Mapping mean annual rainfall erosivity
0.25°grid + gauge
Possible cases
1
2
3
1 Grid without gauges
2 One gauge, point-to-grid
3 Two or more gauges, average points-to-grid