



**Figure 11** Location of rainfall stations in this study

### 3. Determination of temperature variability in the Eastern Coast Basin

1) Collecting daily temperature data for stations in the Eastern Coast Basin with the most available period records from the Department of Meteorology, as shown in Table 2.

There are only 7 stations of all stations in the Eastern Coast Basin have a continuous long term observation history of temperature data (Table 2) also in mean, maximum and minimum terms. Therefore, these 7 stations were chosen for the study of urbanization and industrialization effects, which are located in urban and industrial area and considered reflecting the urban area in many respects.