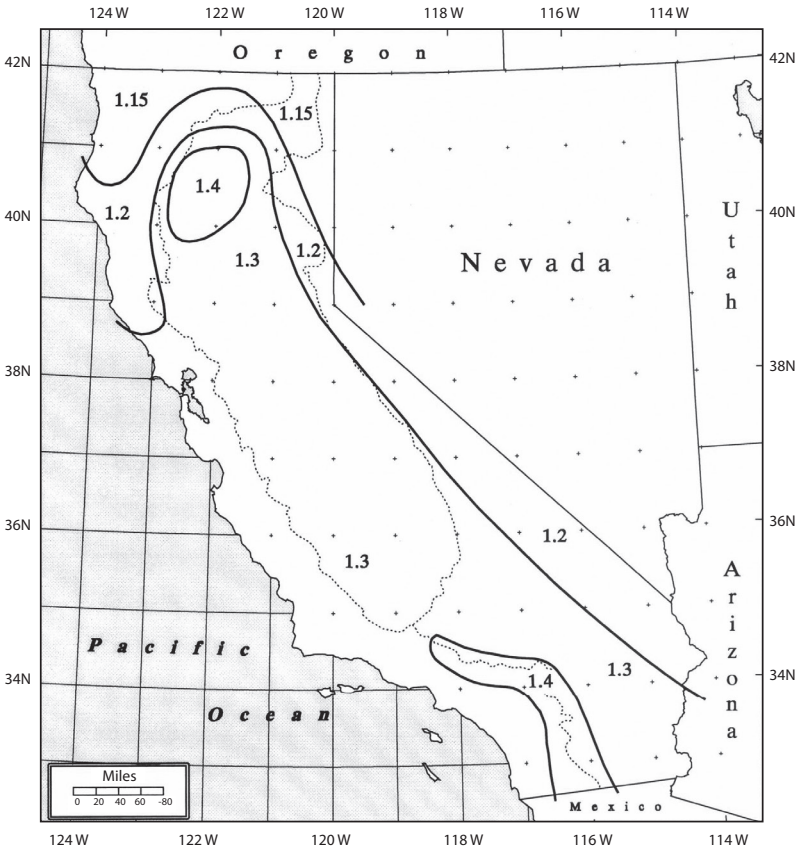

Figure 5.55. Isoline map of watershed correction types

area of 2.6 km^2, so they must be multiplied by the PMP obtained in (a) or (b). In this example computation, PMP for the local storm is 290 mm and requires type-C correction. To get the isohyetal map for 6-hour duration for the watershed similar to Figure 5.58, 290 mm is multiplied by the percentage corresponding to 6 hours in Table 5.21. Since the area of the Wash watershed is 434 km^2, its isohyets are calculated from A (the surrounding area is 2.6 km^2) to G (the surrounding area is 570 km^2). See Table 5.22 for the precipitation-depth value corresponding to each isohyet.

The shape of the Wash watershed will not be perfectly superposed with the isohyetal map, that

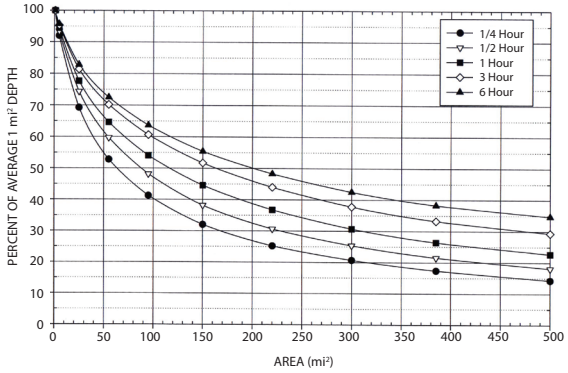

Figure 5.56. Coefficients of area reduction corresponding to Type C

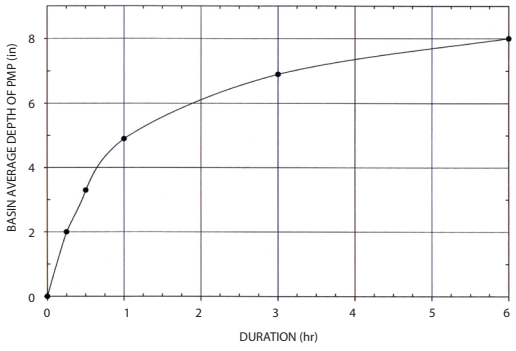

Figure 5.57. Curve of duration–area PMP relationship for the watershed