

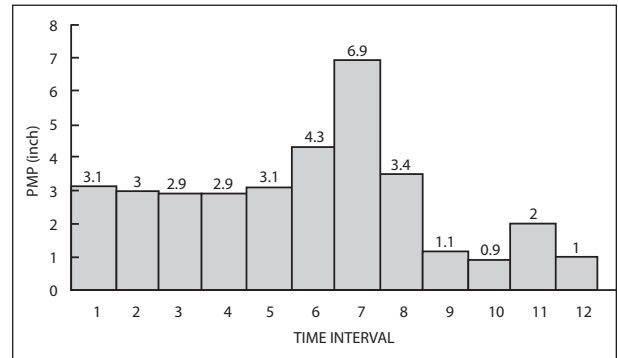
**Table 5.17. Accumulated PMP hydrograph and time-interval hydrograph for the Auburn watershed**

	Duration (hours)											
	6	12	18	24	30	36	42	48	54	60	66	72
Accumulated PMP hydrograph (mm)	169	274	358	434	510	583	654	725	774	801	826	848
PMP time-interval hydrograph (mm)	169	105	83	76	76	74	71	71	49	27	25	22

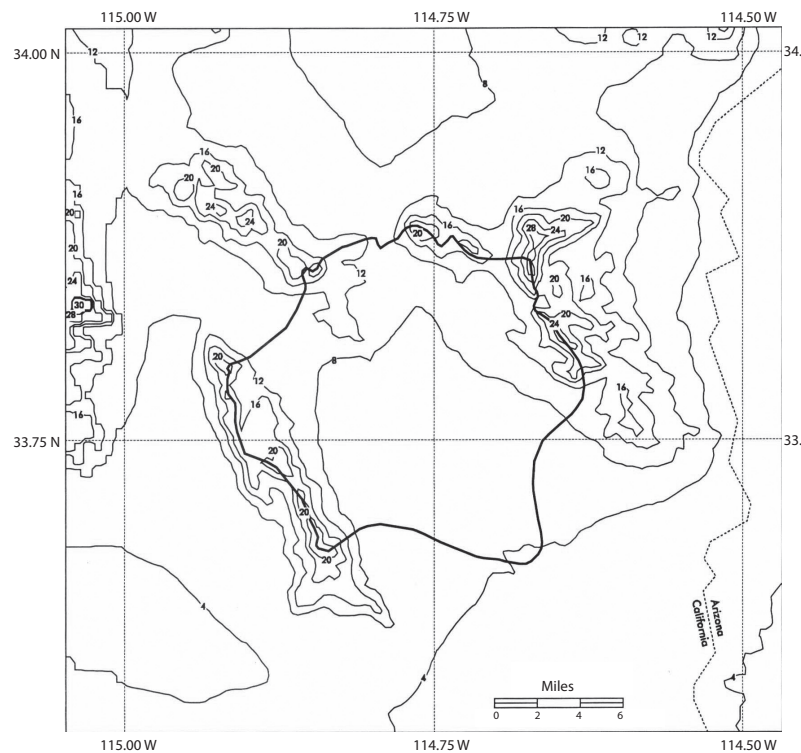
For example, if the mean elevation of a particular watershed is 2 650 m, 820 m higher than 1 830 m, then the reduction amount equals 24.3 per cent (2.7 times 9 per cent). In other words, PMP values obtained from (a) must be multiplied by 76 per cent, which can also be shown from Figure 5.53: the corresponding ratio of the pseudo-adiabat at an elevation of 2 652 m is about 76.4 per cent.

In this example computation, the mean elevation of Wash watershed is far below 1 830 m, so it is unnecessary to conduct any correction to mean watershed elevation.

- (c) The duration is corrected as follows. PMP for durations shorter than 1 hour can be found from Figure 5.54, which shows the PMP for various durations as a percentage of 1-hour PMP. For coefficients of correction to the 1-hour PMP for durations longer than one hour, the correction

**Figure 5.50. Temporal distribution of 72-hour PMP for Auburn watershed**

type for the watershed needs to be identified. The correction types include A (1.15), B (1.5), C (1.3) and D (1.4). Figure 5.55 is the isoline

**Figure 5.51. California Wash watershed**