



**Figure 6.27. Storm isoline map of 24 hour PMP for the Changhuajiang River basin on Hainan Island (Lin, 1988)**

PMP for the above-mentioned watershed of Daguangba could be drawn. According to Figure 6.27, there were three storm centres, which were completely consistent with the three storm-rich regions in the watershed. The shape of the storm isohyets was an irregular ellipse, whose major axis was in the north-east–south-west direction and was consistent with the trend of the Wuzhi Mountains on the north-west side.

#### 6.2.5.4.6 Temporal distribution of 24-hour PMP

According to the observed data, the smallest time interval was 6 hours. The largest 6-hour and 12-hour precipitations were equal to the PMP. Among the largest 24-hour precipitations, the largest and the second largest 6-hour precipitations were adjacent and in the middle of the event.

**Table 6.12. Comprehensive adjustment coefficient for 24-hour storms in the Changhuajiang River basin of Hainan Island (Lin, 1988)**

<i>y-axis point data no.</i>	<i>x-axis point data no.</i>										
	1	2	3	4	5	6	7	8	9	10	11
1	1.04	1.09	1.15	1.27	1.38	1.55	1.08	1.10	1.27	1.42	1.08
2	1.00	1.05	1.21	1.48	1.65	1.22	1.08	1.13	1.02	1.06	1.10
3	1.03	0.96	1.00	1.39	1.38	1.03	0.98	1.00	1.07	1.28	1.15
4	1.28	1.27	1.12	1.11	1.10	0.96	0.99	1.00	1.09	1.06	1.31
5	1.72	1.84	1.10	0.98	0.91	1.10	1.16	1.09	1.07	0.97	1.18
6	1.44	1.13	1.02	1.12	1.12	1.11	1.13	1.16	0.90	0.84	0.84
7	1.02	0.81	0.78	1.20	1.22	1.12	1.13	1.15	1.11	0.84	0.85