

**Table 4.1. Computation of probable maximum precipitation (PMP)**

<i>Annual maximum precipitation (mm; annual series)</i>			
<i>Year</i>	<i>Duration (hours)</i>		
	<i>1</i>	<i>6</i>	<i>24</i>
1941	30	62	62
1942	19	38	60
1943	15	39	57
1944	33	108	112
1945	23	49	67
1946	19	39	72
1947	32	50	62
1948	24	30	61
1949	30	39	57
1950	24	38	69
1951	28	58	72
1952	15	41	61
1953	20	47	62
1954	26	68	82
1955	42	124	306
1956	18	43	47
1957	23	39	43
1958	25	48	78
1959	28	80	113
1960	25	89	134
1961	28	33	51
1962	46	72	72
1963	20	47	62
1964	14	34	53
1965	15	40	55
<i>n = 25</i>			
$\frac{\bar{X}_{n-m}}{\bar{X}_n}$	$\frac{24.0}{24.9} = 0.97$	$\frac{51.3}{54.2} = 0.95$	$\frac{69.3}{78.8} = 0.88$
$\frac{S_{n-m}}{S_n}$	$\frac{7.30}{8.00} = 0.91$	$\frac{19.5}{24.0} = 0.81$	$\frac{21.8}{51.9} = 0.42$
<i>Adjustment of means <math>\bar{X}_n</math> for maximum observed amount and record length:</i>			
	<i>1 hour</i>	<i>6 hours</i>	<i>24 hours</i>
<i>From Figure 4.2</i>	1.01	0.98	0.91
<i>From Figure 4.4</i>	1.01	1.01	1.01
<i>Adjusted <math>\bar{X}_n</math></i>	25.4	53.6	72.4