

## RAINFALL FREQUENCY ATLAS OF THE MIDWEST -- BULLETIN 71

### Sectional Mean Frequency Distributions for Storm Periods of 5 Minutes to 10 Days and Recurrence Intervals of 2 Months to 100 Years in Indiana

Rainfall (inches) for given recurrence interval

<u>Section</u>	<u>Duration</u>	<u>2-Month</u>	<u>3-Month</u>	<u>4-Month</u>	<u>6-Month</u>	<u>9-Month</u>	<u>1-year</u>	<u>2-year</u>	<u>5-year</u>	<u>10-year</u>	<u>25-year</u>	<u>50-year</u>	<u>100-year</u>
9	10-day	2.35	2.83	3.26	3.83	4.41	4.79	5.62	6.85	7.87	9.42	10.90	12.33
9	5-day	1.86	2.23	2.52	2.92	3.36	3.65	4.29	5.22	6.06	7.39	8.54	9.90
9	72-hr	1.67	1.96	2.22	2.58	2.96	3.22	3.87	4.77	5.53	6.75	7.80	8.95
9	48-hr	1.55	1.82	2.02	2.34	2.70	2.93	3.53	4.40	5.13	6.22	7.19	8.20
9	24-hr	1.36	1.58	1.73	2.00	2.27	2.47	3.03	3.81	4.42	5.39	6.20	7.12
9	18-hr	1.28	1.48	1.62	1.88	2.13	2.32	2.85	3.58	4.15	5.07	5.83	6.69
9	12-hr	1.18	1.38	1.50	1.74	1.98	2.15	2.64	3.31	3.85	4.69	5.39	6.19
9	6-hr	1.02	1.18	1.29	1.50	1.70	1.85	2.27	2.86	3.32	4.04	4.65	5.34
9	3-hr	0.87	1.01	1.11	1.28	1.45	1.58	1.94	2.44	2.83	3.45	3.97	4.56
9	2-hr	0.79	0.92	1.00	1.16	1.32	1.43	1.76	2.21	2.56	3.13	3.60	4.13
9	1-hr	0.64	0.74	0.81	0.94	1.07	1.16	1.42	1.79	2.08	2.53	2.91	3.35
9	30-min	0.50	0.58	0.64	0.74	0.84	0.91	1.12	1.41	1.64	1.99	2.29	2.63
9	15-min	0.37	0.43	0.47	0.54	0.62	0.67	0.82	1.03	1.19	1.46	1.67	1.92
9	10-min	0.29	0.33	0.36	0.42	0.48	0.52	0.64	0.80	0.93	1.13	1.30	1.50
9	5-min	0.17	0.19	0.21	0.24	0.28	0.30	0.36	0.46	0.53	0.65	0.74	0.85