

**Appendix C. Point Frequency Distributions at 61 Stations
for Storm Periods of 30 Minutes to 10 Days
and Recurrence Intervals of 1 to 100 Years
in Summer**

Storm codes

1 - 10 days	7 - 12 hours
2 - 5 days	8 - 6 hours
3 - 72 hours	9 - 3 hours
4 - 48 hours	10 - 2 hours
5 - 24 hours	11 - 1 hour
6 - 18 hours	12 - 30 minutes

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
1	1	Aledo	3.76	4.67	5.71	6.54	7.60	8.75	10.34
1	1	Dixon	3.40	4.22	5.18	6.10	7.64	9.02	11.02
1	1	Freeport	3.70	4.51	5.48	6.25	7.87	9.67	11.76
1	1	Galva	3.66	4.43	5.48	6.35	7.64	8.79	10.07
1	1	Moline	3.79	4.65	5.66	6.52	7.69	9.11	10.49
1	1	Morrison	3.71	4.43	5.39	6.31	7.64	9.11	11.08
1	1	Mt Carroll	3.79	4.51	5.44	6.31	7.60	8.74	10.07
1	1	Rockford	3.75	4.51	5.52	6.43	7.64	8.74	9.93
1	1	Walnut	3.75	4.46	5.48	6.41	7.69	8.84	10.08
1	2	Aurora	3.36	4.20	5.57	6.80	8.58	10.14	11.97
1	2	Chicago	3.11	3.97	4.96	5.77	7.08	8.52	10.52
1	2	DeKalb	3.44	4.27	5.48	6.34	7.53	8.55	10.24
1	2	Joliet	3.44	4.27	5.52	6.57	8.11	9.37	10.97
1	2	Kankakee	3.30	4.06	5.25	6.21	7.58	9.02	11.43
1	2	Marengo	3.23	3.97	4.96	5.77	6.81	7.81	9.53
1	2	Ottawa	3.36	4.14	5.21	6.15	7.53	8.79	10.37
1	2	Waukegan	3.15	3.97	5.05	6.00	7.15	8.10	9.08
1	3	La Harpe	4.02	5.01	6.41	7.53	8.93	10.21	12.36
1	3	Monmouth	3.70	4.65	5.96	7.10	8.69	9.97	11.29
1	3	Quincy	3.88	4.78	6.08	7.15	8.44	9.53	10.79
1	4	Bloomington	3.33	4.28	5.47	6.34	7.46	8.45	9.39
1	4	Decatur	3.37	4.40	5.85	6.82	7.91	8.73	9.75
1	4	Havana	3.11	3.92	5.01	5.87	7.00	8.01	9.20
1	4	Lincoln	3.18	4.04	5.22	6.04	7.11	7.96	9.21
1	4	Minonk	3.07	3.88	5.00	5.69	6.65	7.83	9.46
1	4	Peoria	3.21	3.92	5.01	5.87	7.25	8.23	9.49
1	4	Rushville	3.49	4.24	5.29	6.10	7.16	8.13	9.08
1	5	Danville	3.66	4.53	5.66	6.45	7.60	8.44	9.13
1	5	Hoopeston	3.54	4.27	5.25	6.14	7.46	8.53	9.68
1	5	Pontiac	3.30	4.14	5.21	6.10	7.38	8.44	9.59
1	5	Roberts	3.34	4.10	5.05	5.78	6.95	8.05	9.97
1	5	Urbana	3.57	4.32	5.21	5.87	6.81	7.49	8.23
1	6	Carlinville	3.50	4.31	5.49	6.51	7.91	9.43	11.63
1	6	Griggsville	3.34	4.23	5.58	6.64	7.96	9.06	10.80
1	6	Hillsboro	3.50	4.27	5.45	6.42	7.69	8.92	10.92
1	6	Jacksonville	3.40	4.15	5.48	6.47	7.73	9.29	10.81
1	6	Morrisonville	3.34	4.19	5.33	6.21	7.50	8.73	10.08
1	6	Pana	3.50	4.46	5.62	6.47	7.64	8.83	10.63
1	6	Springfield	3.14	3.91	5.15	6.12	7.65	9.02	10.55
1	6	White Hall	3.38	4.23	5.49	6.51	7.76	8.88	10.12
1	7	Charleston	3.48	4.30	5.37	6.28	7.52	8.45	9.49
1	7	Effingham	3.43	4.38	5.62	6.63	7.85	9.11	10.59
1	7	Palestine	3.63	4.41	5.33	6.15	7.25	8.37	9.76
1	7	Paris	3.37	4.30	5.54	6.63	8.13	9.20	10.36
1	7	Windsor	3.48	4.38	5.58	6.72	8.31	9.48	10.89
1	8	Belleville	3.15	3.98	5.28	6.55	8.32	10.06	12.99
1	8	DuQuoin	3.37	4.43	5.76	6.89	8.41	9.54	10.68
1	8	Greenville	3.15	4.09	5.34	6.35	7.82	9.26	10.89
1	8	Sparta	3.34	4.28	5.56	6.72	8.41	9.96	11.61
1	8	St Louis	3.12	4.01	5.38	6.66	8.36	10.34	12.67
1	9	Fairfield	3.10	3.94	5.18	6.20	7.52	8.65	9.87
1	9	Flora	3.06	3.87	5.03	5.93	7.28	8.48	9.70
1	9	McLeansboro	3.18	4.01	5.21	6.20	7.44	8.57	9.70
1	9	Mt Carmel	3.13	4.01	5.39	6.38	7.92	8.86	9.79
1	9	Mt Vernon	3.16	4.01	5.23	6.20	7.47	8.61	9.70
1	9	Olney	3.16	3.94	5.03	5.89	7.00	8.08	9.24
1	10	Anna	3.48	4.39	5.56	6.59	7.78	8.80	9.84
1	10	Cairo	3.22	4.13	5.42	6.47	7.85	9.20	10.25
1	10	Carbondale	3.13	4.19	5.46	6.47	7.55	8.48	9.27
1	10	Harrisburg	3.13	3.97	5.32	6.72	8.64	9.92	11.54
1	10	New Burnside	3.35	4.30	5.56	6.67	8.01	9.20	10.37

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
2	1	Aledo	2.90	3.58	4.57	5.32	6.59	7.81	9.12
2	1	Dixon	2.85	3.49	4.48	5.29	6.69	8.08	9.62
2	1	Freeport	2.82	3.43	4.44	5.34	6.87	8.37	10.18
2	1	Galva	2.81	3.41	4.34	5.19	6.46	7.66	9.01
2	1	Moline	2.90	3.58	4.48	5.34	6.73	7.91	9.15
2	1	Morrison	2.87	3.43	4.35	5.17	6.55	7.90	9.72
2	1	Mt Carroll	2.76	3.49	4.44	5.18	6.42	7.72	9.11
2	1	Rockford	2.78	3.41	4.44	5.28	6.57	7.72	8.84
2	1	Walnut	2.86	3.45	4.44	5.28	6.55	7.74	9.09
2	2	Aurora	2.62	3.21	4.11	4.99	6.81	8.37	10.50
2	2	Chicago	2.51	3.12	4.07	4.93	6.26	7.65	9.37
2	2	DeKalb	2.81	3.38	4.21	4.94	6.11	7.37	8.82
2	2	Joliet	2.68	3.41	4.64	5.76	7.20	8.41	9.89
2	2	Kankakee	2.66	3.36	4.38	5.32	6.76	7.99	9.50
2	2	Marengo	2.46	3.04	3.94	4.67	5.73	6.91	8.60
2	2	Ottawa	2.68	3.30	4.24	5.12	6.44	7.55	9.11
2	2	Waukegan	2.44	2.96	3.81	4.57	5.78	6.78	8.07
2	3	La Harpe	3.09	3.89	5.18	6.20	7.66	9.12	11.17
2	3	Monmouth	2.84	3.66	4.96	5.87	7.37	8.73	10.34
2	3	Quincy	2.80	3.66	4.64	5.50	6.84	8.03	9.40
2	4	Bloomington	2.79	3.49	4.39	5.15	6.11	6.94	8.09
2	4	Decatur	2.93	3.71	4.75	5.56	6.50	7.48	8.47
2	4	Havana	2.61	3.15	4.01	4.77	5.85	6.81	8.01
2	4	Lincoln	2.68	3.25	4.18	4.85	5.88	6.62	7.66
2	4	Minonk	2.61	3.14	3.97	4.61	5.57	6.61	8.15
2	4	Peoria	2.69	3.24	4.18	4.95	6.19	7.31	8.49
2	4	Rushville	2.90	3.40	4.23	4.91	5.96	6.85	7.81
2	5	Danville	2.88	3.53	4.46	5.20	6.29	7.14	8.16
2	5	Hoopeston	2.82	3.41	4.21	4.89	5.83	6.62	7.49
2	5	Pontiac	2.75	3.41	4.42	5.24	6.38	7.46	8.55
2	5	Roberts	2.69	3.22	3.97	4.68	5.96	7.28	8.80
2	5	Urbana	2.79	3.32	4.03	4.66	5.61	6.37	7.27
2	6	Carlinville	2.71	3.35	4.33	5.25	6.79	8.28	10.15
2	6	Griggsville	2.63	3.24	4.17	5.02	6.24	7.38	8.51
2	6	Hillsboro	2.77	3.36	4.29	5.23	6.61	7.74	9.21
2	6	Jacksonville	2.62	3.28	4.29	5.18	6.56	7.73	9.10
2	6	Morrisonville	2.59	3.31	4.27	5.31	6.61	7.57	8.65
2	6	Pana	2.76	3.42	4.41	5.21	6.61	7.83	9.33
2	6	Springfield	2.60	3.15	4.03	4.90	6.09	7.23	8.83
2	6	White Hall	2.66	3.24	4.31	5.27	6.53	7.61	8.92
2	7	Charleston	2.67	3.25	4.15	4.96	6.12	7.29	8.66
2	7	Effingham	2.65	3.28	4.13	4.96	6.35	7.65	9.34
2	7	Palestine	2.77	3.46	4.37	5.17	6.11	7.20	8.60
2	7	Paris	2.69	3.42	4.41	5.38	6.68	7.68	8.69
2	7	Windsor	2.75	3.42	4.41	5.17	6.50	7.83	9.31
2	8	Belleville	2.41	3.15	4.23	5.26	7.05	8.66	11.06
2	8	DuQuoin	2.77	3.48	4.50	5.43	6.65	8.05	9.55
2	8	Greenville	2.44	3.11	4.11	5.02	6.59	7.99	9.71
2	8	Sparta	2.63	3.40	4.50	5.43	6.87	8.05	9.60
2	8	St Louis	2.47	3.14	4.18	5.19	7.03	8.74	11.02
2	9	Fairfield	2.54	3.12	4.05	4.88	6.08	7.19	8.62
2	9	Flora	2.51	3.07	3.91	4.71	5.98	7.13	8.25
2	9	McLeansboro	2.59	3.23	4.16	4.99	6.28	7.51	8.83
2	9	Mt Carmel	2.62	3.20	4.09	4.88	5.97	7.05	8.34
2	9	Mt Vernon	2.64	3.30	4.16	5.10	6.31	7.51	8.65
2	9	Olney	2.59	3.12	3.98	4.76	5.93	7.11	8.42
2	10	Anna	2.77	3.49	4.42	5.24	6.19	7.00	7.82
2	10	Cairo	2.57	3.30	4.33	5.17	6.27	7.35	8.19
2	10	Carbondale	2.64	3.30	4.37	5.17	6.26	7.13	7.95
2	10	Harrisburg	2.53	3.14	4.16	5.06	6.33	7.53	9.04
2	10	New Burnside	2.69	3.30	4.41	5.18	6.34	7.25	8.41

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
3	1	Aledo	2.59	3.20	4.08	4.75	5.88	6.97	8.14
3	1	Dixon	2.59	3.17	4.07	4.81	6.08	7.35	8.75
3	1	Freeport	2.52	3.06	3.97	4.77	6.14	7.48	9.09
3	1	Galva	2.58	3.13	3.98	4.76	5.92	7.03	8.26
3	1	Moline	2.56	3.15	4.05	4.88	6.17	7.13	8.12
3	1	Morrison	2.61	3.20	3.96	4.75	6.07	7.15	8.51
3	1	Mt Carroll	2.54	3.15	4.00	4.77	5.91	7.02	7.97
3	1	Rockford	2.47	3.06	3.96	4.72	5.87	6.78	7.67
3	1	Walnut	2.60	3.15	4.05	4.78	5.90	6.78	7.89
3	2	Aurora	2.49	3.07	3.84	4.69	6.32	7.87	9.60
3	2	Chicago	2.32	2.93	3.76	4.54	5.77	7.04	8.47
3	2	DeKalb	2.57	3.09	3.89	4.64	5.65	6.81	8.14
3	2	Joliet	2.45	3.15	4.31	5.19	6.62	7.83	9.38
3	2	Kankakee	2.42	3.06	3.99	4.85	6.16	7.28	8.66
3	2	Marengo	2.30	2.82	3.53	4.15	5.30	6.24	7.64
3	2	Ottawa	2.47	3.02	3.81	4.65	5.97	7.14	8.33
3	2	Waukegan	2.22	2.69	3.47	4.16	5.26	6.17	7.35
3	3	La Harpe	2.72	3.43	4.56	5.46	6.75	8.03	9.84
3	3	Monmouth	2.55	3.30	4.35	5.16	6.46	7.53	8.97
3	3	Quincy	2.57	3.36	4.26	5.05	6.28	7.37	8.63
3	4	Bloomington	2.56	3.21	4.03	4.73	5.61	6.37	7.43
3	4	Decatur	2.66	3.35	4.24	5.06	5.99	6.76	7.68
3	4	Havana	2.28	2.75	3.51	4.17	5.11	5.95	7.00
3	4	Lincoln	2.26	2.86	3.77	4.55	5.55	6.31	7.27
3	4	Minonk	2.25	2.77	3.48	4.08	5.08	6.14	7.39
3	4	Peoria	2.38	2.92	3.75	4.57	5.67	6.79	7.87
3	4	Rushville	2.43	2.89	3.60	4.22	5.21	6.07	7.03
3	5	Danville	2.70	3.31	4.19	4.88	5.90	6.70	7.66
3	5	Hoopeston	2.59	3.13	3.87	4.49	5.35	6.08	6.88
3	5	Pontiac	2.54	3.15	4.08	4.84	5.89	6.89	7.90
3	5	Roberts	2.43	2.98	3.70	4.36	5.58	6.73	8.25
3	5	Urbana	2.56	3.06	3.75	4.36	5.22	5.91	6.74
3	6	Carlinville	2.48	3.06	3.99	4.83	6.25	7.54	9.00
3	6	Griggsville	2.43	2.99	3.85	4.63	5.76	6.81	7.85
3	6	Hillsboro	2.49	3.02	3.86	4.70	5.94	6.96	8.28
3	6	Jacksonville	2.41	3.01	3.94	4.76	6.03	7.10	8.36
3	6	Morrisonville	2.42	3.00	4.04	4.93	6.20	7.18	8.14
3	6	Pana	2.51	3.06	3.99	4.72	5.99	7.05	8.28
3	6	Springfield	2.35	2.87	3.73	4.55	5.72	6.75	8.08
3	6	White Hall	2.45	2.98	3.97	4.85	6.01	7.00	8.21
3	7	Charleston	2.37	2.88	3.68	4.40	5.43	6.47	7.68
3	7	Effingham	2.25	2.80	3.67	4.49	5.91	7.24	8.80
3	7	Palestine	2.34	2.94	3.85	4.59	5.68	6.73	8.18
3	7	Paris	2.28	2.92	3.76	4.59	5.81	6.84	7.94
3	7	Windsor	2.51	3.10	3.94	4.65	5.98	7.22	8.71
3	8	Belleville	2.23	2.91	3.91	4.86	6.51	8.00	10.22
3	8	DuQuoin	2.35	3.02	3.95	4.79	6.07	7.29	8.62
3	8	Greenville	2.22	2.83	3.73	4.56	5.99	7.26	8.82
3	8	Sparta	2.27	2.96	3.89	4.81	6.25	7.52	8.69
3	8	St Louis	2.25	2.90	3.92	4.87	6.51	8.25	10.11
3	9	Fairfield	2.23	2.74	3.56	4.29	5.34	6.32	7.58
3	9	Flora	2.21	2.70	3.45	4.15	5.27	6.28	7.27
3	9	McLeansboro	2.25	2.77	3.56	4.23	5.37	6.39	7.56
3	9	Mt Carmel	2.25	2.75	3.52	4.20	5.14	6.07	7.18
3	9	Mt Vernon	2.30	2.79	3.54	4.27	5.36	6.32	7.47
3	9	Olney	2.20	2.74	3.45	4.10	5.25	6.29	7.37
3	10	Anna	2.48	3.12	3.96	4.69	5.54	6.26	7.00
3	10	Cairo	2.32	2.98	3.91	4.67	5.67	6.64	7.40
3	10	Carbondale	2.28	2.85	3.78	4.47	5.41	6.16	6.87
3	10	Harrisburg	2.24	2.78	3.68	4.48	5.60	6.67	8.00
3	10	New Burnside	2.36	2.90	3.87	4.55	5.57	6.37	7.39

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
4	1	Aledo	2.43	3.00	3.83	4.46	5.52	6.55	7.65
4	1	Dixon	2.38	2.91	3.73	4.41	5.58	6.74	8.02
4	1	Freeport	2.36	2.87	3.72	4.47	5.75	7.01	8.52
4	1	Galva	2.34	2.84	3.62	4.33	5.39	6.39	7.52
4	1	Moline	2.25	2.86	3.75	4.49	5.62	6.60	7.35
4	1	Morrison	2.37	2.91	3.67	4.31	5.32	6.16	7.13
4	1	Mt Carroll	2.22	2.86	3.71	4.37	5.32	6.19	7.06
4	1	Rockford	2.22	2.78	3.67	4.33	5.40	6.19	7.10
4	1	Walnut	2.35	2.91	3.75	4.38	5.37	6.19	7.11
4	2	Aurora	2.27	2.78	3.53	4.45	5.92	7.11	8.53
4	2	Chicago	2.15	2.70	3.55	4.31	5.50	6.60	7.81
4	2	DeKalb	2.32	2.80	3.59	4.37	5.34	6.45	7.59
4	2	Joliet	2.35	2.97	3.96	4.75	6.01	7.16	8.60
4	2	Kankakee	2.32	2.92	3.81	4.63	5.88	6.95	8.27
4	2	Marengo	2.15	2.61	3.23	3.80	4.86	5.69	6.97
4	2	Ottawa	2.23	2.74	3.49	4.26	5.42	6.35	7.36
4	2	Waukegan	2.04	2.47	3.18	3.82	4.83	5.67	6.75
4	3	La Harpe	2.50	3.14	4.19	5.01	6.19	7.37	9.03
4	3	Monmouth	2.34	3.01	3.96	4.81	5.95	7.05	8.30
4	3	Quincy	2.43	3.18	4.03	4.78	5.94	6.98	8.17
4	4	Bloomington	2.35	2.94	3.70	4.34	5.15	5.85	6.82
4	4	Decatur	2.38	2.99	3.80	4.49	5.40	6.07	6.92
4	4	Havana	2.10	2.53	3.22	3.83	4.70	5.47	6.43
4	4	Lincoln	2.14	2.61	3.44	4.16	5.16	5.85	6.66
4	4	Minonk	2.07	2.48	3.18	3.83	4.81	5.76	6.78
4	4	Peoria	2.18	2.66	3.44	4.19	5.32	6.25	7.27
4	4	Rushville	2.26	2.68	3.30	3.91	4.89	5.67	6.55
4	5	Danville	2.50	3.07	3.88	4.52	5.47	6.21	7.09
4	5	Hoopeston	2.32	2.81	3.47	4.03	4.80	5.46	6.17
4	5	Pontiac	2.30	2.86	3.70	4.39	5.35	6.25	7.16
4	5	Roberts	2.14	2.70	3.40	4.05	5.13	6.22	7.43
4	5	Urbana	2.32	2.82	3.49	4.05	4.78	5.51	6.29
4	6	Carlinville	2.29	2.76	3.62	4.37	5.64	6.84	8.10
4	6	Griggsville	2.20	2.70	3.48	4.19	5.21	6.16	7.10
4	6	Hillsboro	2.30	2.79	3.56	4.34	5.49	6.42	7.64
4	6	Jacksonville	2.19	2.74	3.58	4.32	5.47	6.45	7.59
4	6	Morrisonville	2.23	2.75	3.67	4.50	5.64	6.45	7.27
4	6	Pana	2.26	2.82	3.57	4.27	5.30	6.21	7.33
4	6	Springfield	2.19	2.68	3.48	4.22	5.32	6.16	7.28
4	6	White Hall	2.22	2.70	3.59	4.39	5.44	6.34	7.43
4	7	Charleston	2.17	2.65	3.38	4.04	4.98	5.94	7.05
4	7	Effingham	2.08	2.56	3.37	4.15	5.37	6.63	8.07
4	7	Palestine	2.16	2.73	3.54	4.21	5.21	6.30	7.81
4	7	Paris	2.15	2.71	3.46	4.21	5.32	6.27	7.28
4	7	Windsor	2.28	2.79	3.57	4.24	5.49	6.65	7.98
4	8	Belleville	2.08	2.72	3.66	4.55	6.10	7.49	9.57
4	8	DuQuoin	2.11	2.72	3.60	4.39	5.69	6.82	7.99
4	8	Greenville	2.08	2.65	3.50	4.27	5.61	6.80	8.26
4	8	Sparta	2.07	2.72	3.63	4.42	5.81	6.89	7.94
4	8	St Louis	2.08	2.66	3.66	4.57	6.21	7.71	9.37
4	9	Fairfield	2.08	2.56	3.32	4.00	4.98	5.89	7.07
4	9	Flora	2.08	2.55	3.25	3.91	4.96	5.92	6.85
4	9	McLeansboro	2.09	2.57	3.31	3.97	5.06	5.94	6.97
4	9	Mt Carmel	2.10	2.56	3.28	3.91	4.78	5.65	6.68
4	9	Mt Vernon	2.17	2.63	3.34	3.97	5.05	5.87	6.85
4	9	Olney	2.02	2.49	3.23	3.87	4.93	5.87	6.84
4	10	Anna	2.30	2.90	3.68	4.36	5.15	5.82	6.51
4	10	Cairo	2.17	2.78	3.65	4.36	5.29	6.20	6.91
4	10	Carbondale	2.12	2.65	3.51	4.15	5.02	5.72	6.38
4	10	Harrisburg	2.08	2.58	3.41	4.15	5.19	6.18	7.41
4	10	New Burnside	2.18	2.68	3.58	4.20	5.14	5.88	6.82

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
5	1	Aledo	2.25	2.77	3.54	4.12	5.10	6.05	7.06
5	1	Dixon	2.21	2.70	3.47	4.10	5.19	6.26	7.46
5	1	Freeport	2.17	2.64	3.42	4.11	5.29	6.44	7.84
5	1	Galva	2.18	2.64	3.36	4.02	5.00	5.93	6.98
5	1	Moline	2.06	2.58	3.40	4.12	5.12	5.99	6.73
5	1	Morrison	2.01	2.56	3.30	3.98	4.91	5.78	6.73
5	1	Mt Carroll	2.01	2.58	3.50	4.16	4.96	5.67	6.40
5	1	Rockford	2.04	2.55	3.40	4.06	4.96	5.73	6.40
5	1	Walnut	2.08	2.58	3.35	4.02	4.90	5.67	6.44
5	2	Aurora	2.11	2.68	3.46	4.31	5.68	6.93	8.23
5	2	Chicago	2.03	2.58	3.35	4.09	5.23	6.21	7.35
5	2	DeKalb	2.13	2.60	3.36	4.13	5.12	6.10	7.23
5	2	Joliet	2.21	2.75	3.59	4.41	5.68	6.88	8.10
5	2	Kankakee	2.20	2.79	3.63	4.41	5.60	6.62	7.88
5	2	Marengo	2.03	2.46	3.06	3.52	4.42	5.18	6.37
5	2	Ottawa	2.08	2.58	3.35	4.09	5.12	6.10	7.11
5	2	Waukegan	1.87	2.27	2.92	3.50	4.43	5.19	6.18
5	3	La Harpe	2.28	2.87	3.83	4.58	5.66	6.74	8.25
5	3	Monmouth	2.16	2.77	3.65	4.44	5.57	6.66	7.93
5	3	Quincy	2.29	2.99	3.80	4.50	5.60	6.57	7.69
5	4	Bloomington	2.13	2.67	3.36	3.94	4.67	5.31	6.19
5	4	Decatur	2.16	2.67	3.41	3.94	4.70	5.32	6.12
5	4	Havana	1.94	2.34	2.98	3.55	4.35	5.07	5.96
5	4	Lincoln	1.98	2.44	3.18	3.83	4.81	5.47	6.21
5	4	Minonk	1.94	2.34	3.01	3.60	4.48	5.28	6.21
5	4	Peoria	2.03	2.45	3.18	3.91	4.87	5.70	6.66
5	4	Rushville	2.10	2.46	3.05	3.57	4.35	5.02	5.85
5	5	Danville	2.27	2.78	3.52	4.10	4.96	5.63	6.43
5	5	Hoopeston	2.02	2.45	3.02	3.51	4.18	4.75	5.38
5	5	Pontiac	2.07	2.57	3.33	3.95	4.81	5.62	6.45
5	5	Roberts	1.91	2.39	3.06	3.76	4.71	5.75	6.84
5	5	Urbana	2.11	2.60	3.22	3.74	4.46	5.12	5.86
5	6	Carlinville	2.14	2.61	3.31	4.00	4.96	5.92	7.06
5	6	Griggsville	2.02	2.49	3.21	3.86	4.80	5.67	6.54
5	6	Hillsboro	2.12	2.57	3.28	4.00	5.06	5.92	7.04
5	6	Jacksonville	1.98	2.48	3.24	3.91	4.95	5.83	6.87
5	6	Morrisonville	2.07	2.54	3.41	4.05	4.90	5.66	6.34
5	6	Pana	2.03	2.57	3.19	3.80	4.62	5.39	6.34
5	6	Springfield	2.07	2.54	3.31	4.01	4.95	5.65	6.51
5	6	White Hall	2.01	2.45	3.26	3.99	4.94	5.76	6.75
5	7	Charleston	2.07	2.52	3.22	3.85	4.75	5.66	6.72
5	7	Effingham	1.93	2.39	3.14	3.89	5.00	6.04	7.39
5	7	Palestine	2.01	2.48	3.28	3.87	4.78	5.79	7.20
5	7	Paris	2.03	2.51	3.23	3.93	4.89	5.79	6.66
5	7	Windsor	2.10	2.57	3.30	3.94	4.89	5.87	7.24
5	8	Belleville	1.98	2.59	3.47	4.32	5.79	7.11	9.08
5	8	DuQuoin	1.89	2.49	3.38	4.11	5.24	6.24	7.25
5	8	Greenville	1.95	2.49	3.29	4.02	5.28	6.40	7.78
5	8	Sparta	1.84	2.41	3.29	4.09	5.19	6.24	7.25
5	8	St Louis	1.90	2.47	3.47	4.34	5.77	7.07	8.50
5	9	Fairfield	1.93	2.37	3.08	3.71	4.62	5.47	6.55
5	9	Flora	2.00	2.44	3.11	3.75	4.76	5.68	6.57
5	9	McLeansboro	1.93	2.40	3.14	3.79	4.80	5.58	6.64
5	9	Mt Carmel	1.95	2.38	3.04	3.63	4.44	5.24	6.20
5	9	Mt Vernon	1.89	2.32	3.01	3.54	4.40	5.05	5.84
5	9	Olney	1.86	2.31	3.01	3.63	4.62	5.41	6.45
5	10	Anna	2.17	2.73	3.46	4.10	4.84	5.47	6.12
5	10	Cairo	2.05	2.62	3.44	4.11	4.99	5.84	6.51
5	10	Carbondale	2.01	2.51	3.32	3.93	4.76	5.42	6.04
5	10	Harrisburg	1.97	2.44	3.23	3.93	4.92	5.85	7.02
5	10	New Burnside	2.04	2.50	3.35	3.93	4.81	5.50	6.38

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
6	1	Aledo	2.07	2.55	3.26	3.79	4.69	5.56	6.50
6	1	Dixon	2.04	2.50	3.21	3.79	4.79	5.79	6.89
6	1	Freeport	2.00	2.43	3.14	3.78	4.86	5.92	7.21
6	1	Galva	2.00	2.43	3.09	3.70	4.61	5.46	6.42
6	1	Moline	1.85	2.37	3.12	3.79	4.71	5.51	6.19
6	1	Morrison	1.85	2.36	3.04	3.66	4.52	5.31	6.19
6	1	Mt Carroll	1.85	2.37	3.22	3.83	4.56	5.21	5.89
6	1	Rockford	1.87	2.34	3.12	3.73	4.56	5.28	5.89
6	1	Walnut	1.94	2.37	3.08	3.70	4.51	5.21	5.92
6	2	Aurora	1.94	2.47	3.19	3.97	5.23	6.37	7.58
6	2	Chicago	1.87	2.37	3.09	3.76	4.81	5.71	6.76
6	2	DeKalb	1.96	2.39	3.09	3.80	4.71	5.61	6.65
6	2	Joliet	2.03	2.53	3.30	4.06	5.23	6.34	7.63
6	2	Kankakee	2.05	2.59	3.38	4.10	5.21	6.16	7.32
6	2	Marengo	1.86	2.30	2.82	3.24	4.06	4.77	5.86
6	2	Ottawa	1.91	2.37	3.09	3.76	4.71	5.61	6.54
6	2	Waukegan	1.72	2.09	2.69	3.23	4.09	4.79	5.70
6	3	La Harpe	2.10	2.65	3.53	4.22	5.21	6.21	7.60
6	3	Monmouth	1.98	2.55	3.36	4.09	5.13	6.12	7.29
6	3	Quincy	2.11	2.76	3.50	4.15	5.16	6.06	7.09
6	4	Bloomington	1.96	2.45	3.09	3.62	4.29	4.88	5.69
6	4	Decatur	1.99	2.46	3.14	3.62	4.32	4.90	5.63
6	4	Havana	1.79	2.16	2.75	3.27	4.01	4.67	5.49
6	4	Lincoln	1.82	2.25	2.93	3.53	4.41	5.03	5.71
6	4	Minonk	1.79	2.20	2.81	3.35	4.12	4.86	5.71
6	4	Peoria	1.86	2.25	2.92	3.60	4.52	5.25	6.13
6	4	Rushville	1.93	2.26	2.79	3.28	4.00	4.61	5.38
6	5	Danville	2.09	2.56	3.23	3.77	4.56	5.18	5.92
6	5	Hoopeston	1.86	2.25	2.77	3.22	3.84	4.36	4.93
6	5	Pontiac	1.91	2.37	3.07	3.64	4.43	5.18	5.94
6	5	Roberts	1.75	2.19	2.82	3.47	4.34	5.29	6.30
6	5	Urbana	1.94	2.39	2.96	3.44	4.10	4.71	5.39
6	6	Carlinville	1.97	2.41	3.04	3.68	4.57	5.45	6.49
6	6	Griggsville	1.86	2.29	2.95	3.55	4.41	5.22	6.02
6	6	Hillsboro	1.95	2.36	3.02	3.68	4.65	5.45	6.48
6	6	Jacksonville	1.82	2.28	2.98	3.60	4.56	5.37	6.32
6	6	Morrisonville	1.91	2.34	3.14	3.73	4.51	5.20	5.83
6	6	Pana	1.92	2.37	2.94	3.49	4.25	4.96	5.83
6	6	Springfield	1.91	2.34	3.04	3.69	4.56	5.19	5.98
6	6	White Hall	1.84	2.24	2.98	3.64	4.51	5.26	6.16
6	7	Charleston	1.91	2.33	2.97	3.55	4.38	5.22	6.20
6	7	Effingham	1.77	2.21	2.88	3.57	4.60	5.56	6.80
6	7	Palestine	1.86	2.28	3.02	3.56	4.40	5.33	6.62
6	7	Paris	1.86	2.31	2.98	3.62	4.50	5.33	6.12
6	7	Windsor	1.94	2.37	3.03	3.63	4.50	5.40	6.65
6	8	Belleville	1.86	2.43	3.26	4.06	5.44	6.68	8.54
6	8	DuQuoin	1.74	2.29	3.11	3.78	4.82	5.74	6.67
6	8	Greenville	1.81	2.31	3.05	3.73	4.90	5.94	7.21
6	8	Sparta	1.69	2.22	3.03	3.74	4.77	5.74	6.67
6	8	St Louis	1.75	2.27	3.19	4.00	5.31	6.50	7.81
6	9	Fairfield	1.78	2.19	2.84	3.42	4.26	5.04	6.04
6	9	Flora	1.84	2.26	2.87	3.46	4.39	5.24	6.06
6	9	McLeansboro	1.78	2.21	2.89	3.49	4.42	5.14	6.23
6	9	Mt Carmel	1.79	2.19	2.80	3.34	4.09	4.83	5.71
6	9	Mt Vernon	1.74	2.14	2.76	3.25	4.05	4.65	5.37
6	9	Olney	1.71	2.12	2.77	3.34	4.24	4.98	6.03
6	10	Anna	1.99	2.51	3.18	3.77	4.45	5.03	5.63
6	10	Cairo	1.92	2.46	3.23	3.85	4.67	5.47	6.10
6	10	Carbondale	1.84	2.30	3.05	3.61	4.37	4.98	5.55
6	10	Harrisburg	1.80	2.24	2.97	3.61	4.52	5.37	6.45
6	10	New Burnside	1.87	2.30	3.07	3.61	4.42	5.05	5.86

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
7	1	Aledo	1.95	2.41	3.08	3.58	4.43	5.26	6.14
7	1	Dixon	1.93	2.36	3.03	3.58	4.53	5.47	6.51
7	1	Freeport	1.89	2.29	2.97	3.57	4.59	5.60	6.81
7	1	Galva	1.89	2.30	2.93	3.50	4.36	5.17	6.08
7	1	Moline	1.75	2.25	2.96	3.58	4.45	5.21	5.86
7	1	Morrison	1.75	2.23	2.87	3.46	4.28	5.02	5.86
7	1	Mt Carroll	1.75	2.25	3.04	3.63	4.31	4.93	5.58
7	1	Rockford	1.77	2.22	2.96	3.53	4.31	4.99	5.58
7	1	Walnut	1.82	2.25	2.91	3.50	4.27	4.93	5.60
7	2	Aurora	1.83	2.33	3.01	3.75	4.93	6.03	7.16
7	2	Chicago	1.77	2.24	2.91	3.56	4.55	5.40	6.40
7	2	DeKalb	1.86	2.26	2.92	3.59	4.46	5.30	6.29
7	2	Joliet	1.92	2.39	3.12	3.84	4.93	5.99	7.22
7	2	Kankakee	1.89	2.39	3.11	3.78	4.80	5.68	6.75
7	2	Marengo	1.76	2.17	2.67	3.07	3.84	4.51	5.55
7	2	Ottawa	1.80	2.24	2.91	3.56	4.46	5.30	6.18
7	2	Waukegan	1.63	1.98	2.55	3.06	3.87	4.54	5.40
7	3	La Harpe	1.94	2.44	3.25	3.89	4.81	5.72	7.01
7	3	Monmouth	1.88	2.41	3.18	3.87	4.85	5.80	6.90
7	3	Quincy	1.99	2.60	3.30	3.91	4.86	5.71	6.68
7	4	Bloomington	1.86	2.32	2.92	3.43	4.07	4.62	5.39
7	4	Decatur	1.88	2.33	2.97	3.43	4.09	4.63	5.33
7	4	Havana	1.69	2.04	2.60	3.09	3.79	4.41	5.19
7	4	Lincoln	1.73	2.13	2.77	3.33	4.17	4.76	5.40
7	4	Minonk	1.69	2.07	2.65	3.16	3.90	4.59	5.40
7	4	Peoria	1.76	2.13	2.76	3.40	4.28	4.97	5.80
7	4	Rushville	1.82	2.14	2.64	3.10	3.78	4.36	5.09
7	5	Danville	1.98	2.42	3.06	3.57	4.32	4.90	5.60
7	5	Hoopeston	1.76	2.13	2.63	3.05	3.64	4.13	4.67
7	5	Pontiac	1.81	2.25	2.91	3.45	4.20	4.91	5.63
7	5	Roberts	1.66	2.07	2.66	3.27	4.11	5.00	5.95
7	5	Urbana	1.84	2.27	2.80	3.25	3.88	4.46	5.10
7	6	Carlinville	1.86	2.27	2.88	3.49	4.32	5.15	6.14
7	6	Griggsville	1.76	2.17	2.79	3.36	4.18	4.94	5.70
7	6	Hillsboro	1.85	2.24	2.86	3.49	4.41	5.16	6.15
7	6	Jacksonville	1.72	2.15	2.82	3.40	4.31	5.07	5.97
7	6	Morrisonville	1.80	2.21	2.97	3.53	4.27	4.92	5.51
7	6	Pana	1.81	2.23	2.78	3.31	4.02	4.69	5.51
7	6	Springfield	1.80	2.21	2.88	3.49	4.31	4.92	5.65
7	6	White Hall	1.74	2.11	2.81	3.44	4.26	4.97	5.82
7	7	Charleston	1.80	2.20	2.80	3.35	4.13	4.92	5.85
7	7	Effingham	1.67	2.08	2.73	3.38	4.35	5.25	6.43
7	7	Palestine	1.75	2.16	2.86	3.37	4.16	5.04	6.27
7	7	Paris	1.77	2.18	2.81	3.42	4.25	5.04	5.80
7	7	Windsor	1.82	2.24	2.87	3.43	4.25	5.11	6.29
7	8	Belleville	1.75	2.28	3.06	3.81	5.11	6.27	8.01
7	8	DuQuoin	1.64	2.17	2.94	3.58	4.56	5.43	6.31
7	8	Greenville	1.72	2.19	2.90	3.54	4.65	5.63	6.85
7	8	Sparta	1.59	2.10	2.86	3.55	4.51	5.43	6.31
7	8	St Louis	1.65	2.14	3.02	3.78	5.02	6.15	7.39
7	9	Fairfield	1.69	2.07	2.69	3.24	4.04	4.77	5.72
7	9	Flora	1.75	2.14	2.72	3.28	4.16	4.97	5.75
7	9	McLeansboro	1.68	2.09	2.73	3.30	4.18	4.85	5.89
7	9	Mt Carmel	1.70	2.07	2.65	3.16	3.87	4.57	5.40
7	9	Mt Vernon	1.65	2.02	2.62	3.08	3.82	4.40	5.08
7	9	Olney	1.61	2.01	2.62	3.16	4.02	4.71	5.70
7	10	Anna	1.89	2.38	3.01	3.57	4.21	4.77	5.33
7	10	Cairo	1.81	2.32	3.04	3.63	4.40	5.16	5.75
7	10	Carbondale	1.75	2.18	2.89	3.42	4.14	4.72	5.26
7	10	Harrisburg	1.71	2.12	2.81	3.42	4.28	5.09	6.11
7	10	New Burnside	1.78	2.18	2.91	3.42	4.19	4.79	5.55

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
8	1	Aledo	1.68	2.08	2.65	3.09	3.83	4.54	5.30
8	1	Dixon	1.66	2.04	2.62	3.09	3.91	4.72	5.62
8	1	Freeport	1.63	1.98	2.56	3.08	3.96	4.83	5.87
8	1	Galva	1.64	1.98	2.53	3.02	3.76	4.46	5.24
8	1	Moline	1.50	1.93	2.55	3.09	3.84	4.49	5.05
8	1	Morrison	1.50	1.93	2.48	2.98	3.69	4.33	5.05
8	1	Mt Carroll	1.50	1.93	2.62	3.12	3.72	4.25	4.80
8	1	Rockford	1.52	1.91	2.55	3.04	3.72	4.30	4.80
8	1	Walnut	1.58	1.93	2.51	3.02	3.68	4.25	4.83
8	2	Aurora	1.58	2.01	2.60	3.23	4.26	5.19	6.17
8	2	Chicago	1.53	1.94	2.52	3.07	3.92	4.66	5.52
8	2	DeKalb	1.60	1.95	2.53	3.09	3.84	4.57	5.43
8	2	Joliet	1.66	2.06	2.69	3.31	4.26	5.16	6.22
8	2	Kankakee	1.72	2.17	2.82	3.43	4.36	5.15	6.13
8	2	Marengo	1.52	1.86	2.30	2.64	3.31	3.89	4.78
8	2	Ottawa	1.56	1.94	2.52	3.07	3.84	4.57	5.33
8	2	Waukegan	1.41	1.72	2.21	2.65	3.35	3.93	4.68
8	3	La Harpe	1.72	2.17	2.89	3.46	4.27	5.09	6.23
8	3	Monmouth	1.62	2.07	2.74	3.33	4.18	4.99	5.95
8	3	Quincy	1.72	2.25	2.85	3.38	4.20	4.93	5.78
8	4	Bloomington	1.60	2.00	2.51	2.95	3.50	3.98	4.63
8	4	Decatur	1.62	2.00	2.56	2.95	3.52	4.00	4.59
8	4	Havana	1.46	1.76	2.24	2.66	3.26	3.80	4.47
8	4	Lincoln	1.51	1.85	2.39	2.87	3.60	4.10	4.66
8	4	Minonk	1.46	1.79	2.28	2.71	3.37	3.96	4.66
8	4	Peoria	1.52	1.84	2.39	2.93	3.69	4.28	4.99
8	4	Rushville	1.57	1.85	2.28	2.68	3.26	3.77	4.39
8	5	Danville	1.71	2.09	2.64	3.08	3.73	4.23	4.83
8	5	Hoopeston	1.52	1.83	2.26	2.63	3.14	3.56	4.03
8	5	Pontiac	1.56	1.94	2.51	2.98	3.63	4.24	4.86
8	5	Roberts	1.43	1.79	2.30	2.84	3.54	4.31	5.14
8	5	Urbana	1.58	1.96	2.42	2.80	3.35	3.84	4.39
8	6	Carlinville	1.61	1.96	2.49	3.00	3.72	4.45	5.30
8	6	Griggsville	1.51	1.87	2.40	2.89	3.59	4.25	4.90
8	6	Hillsboro	1.59	1.93	2.46	3.00	3.79	4.44	5.28
8	6	Jacksonville	1.48	1.86	2.43	2.93	3.71	4.37	5.15
8	6	Morrisonville	1.56	1.91	2.56	3.04	3.68	4.25	4.75
8	6	Pana	1.54	1.92	2.39	2.85	3.47	4.05	4.75
8	6	Springfield	1.56	1.91	2.49	3.01	3.72	4.25	4.89
8	6	White Hall	1.49	1.82	2.42	2.96	3.67	4.27	5.01
8	7	Charleston	1.56	1.90	2.43	2.90	3.58	4.26	5.06
8	7	Effingham	1.45	1.80	2.35	2.90	3.75	4.53	5.55
8	7	Palestine	1.51	1.86	2.46	2.90	3.59	4.34	5.40
8	7	Paris	1.52	1.89	2.42	2.95	3.67	4.34	4.99
8	7	Windsor	1.58	1.94	2.47	2.96	3.67	4.42	5.41
8	8	Belleville	1.53	1.99	2.68	3.33	4.46	5.48	7.00
8	8	DuQuoin	1.42	1.87	2.53	3.09	3.93	4.68	5.43
8	8	Greenville	1.48	1.88	2.49	3.04	3.99	4.84	5.88
8	8	Sparta	1.38	1.81	2.47	3.04	3.89	4.68	5.43
8	8	St Louis	1.42	1.85	2.60	3.28	4.33	5.30	6.37
8	9	Fairfield	1.46	1.79	2.32	2.80	3.49	4.13	4.95
8	9	Flora	1.51	1.85	2.36	2.84	3.61	4.30	4.97
8	9	McLeansboro	1.45	1.81	2.36	2.84	3.60	4.19	5.08
8	9	Mt Carmel	1.47	1.79	2.29	2.73	3.34	3.94	4.67
8	9	Mt Vernon	1.42	1.75	2.25	2.65	3.30	3.79	4.38
8	9	Olney	1.39	1.73	2.26	2.73	3.47	4.06	4.91
8	10	Anna	1.62	2.05	2.59	3.07	3.62	4.10	4.58
8	10	Cairo	1.56	2.00	2.62	3.13	3.80	4.45	4.96
8	10	Carbondale	1.51	1.88	2.49	2.95	3.57	4.07	4.54
8	10	Harrisburg	1.48	1.83	2.43	2.95	3.69	4.39	5.27
8	10	New Burnside	1.53	1.88	2.51	2.95	3.61	4.13	4.79

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
9	1	Aledo	1.44	1.78	2.27	2.64	3.27	3.88	4.53
9	1	Dixon	1.42	1.74	2.24	2.64	3.34	4.03	4.80
9	1	Freeport	1.39	1.69	2.19	2.63	3.38	4.12	5.01
9	1	Galva	1.39	1.69	2.15	2.57	3.20	3.79	4.46
9	1	Moline	1.29	1.65	2.18	2.64	3.28	3.83	4.31
9	1	Morrison	1.29	1.64	2.12	2.54	3.14	3.69	4.31
9	1	Mt Carroll	1.29	1.65	2.24	2.67	3.18	3.63	4.09
9	1	Rockford	1.30	1.63	2.18	2.60	3.18	3.67	4.09
9	1	Walnut	1.34	1.65	2.14	2.57	3.14	3.63	4.12
9	2	Aurora	1.35	1.72	2.22	2.76	3.64	4.44	5.27
9	2	Chicago	1.30	1.65	2.15	2.61	3.35	3.97	4.70
9	2	DeKalb	1.36	1.66	2.15	2.65	3.28	3.90	4.63
9	2	Joliet	1.41	1.76	2.30	2.82	3.64	4.41	5.31
9	2	Kankakee	1.46	1.84	2.40	2.92	3.71	4.39	5.21
9	2	Marengo	1.29	1.58	1.96	2.26	2.83	3.32	4.08
9	2	Ottawa	1.33	1.65	2.15	2.61	3.28	3.90	4.55
9	2	Waukegan	1.20	1.46	1.88	2.25	2.85	3.34	3.97
9	3	La Harpe	1.48	1.86	2.48	2.97	3.67	4.37	5.35
9	3	Monmouth	1.38	1.77	2.34	2.84	3.57	4.26	5.08
9	3	Quincy	1.46	1.91	2.42	2.87	3.57	4.19	4.91
9	4	Bloomington	1.37	1.71	2.15	2.52	2.99	3.40	3.96
9	4	Decatur	1.39	1.71	2.18	2.52	3.01	3.41	3.91
9	4	Havana	1.25	1.51	1.92	2.28	2.80	3.26	3.83
9	4	Lincoln	1.27	1.57	2.05	2.46	3.07	3.50	3.98
9	4	Minonk	1.25	1.53	1.95	2.30	2.86	3.38	3.98
9	4	Peoria	1.30	1.57	2.04	2.50	3.15	3.66	4.27
9	4	Rushville	1.37	1.61	1.94	2.29	2.78	3.21	3.74
9	5	Danville	1.46	1.79	2.26	2.63	3.18	3.61	4.13
9	5	Hoopeston	1.29	1.56	1.93	2.24	2.67	3.03	3.43
9	5	Pontiac	1.34	1.66	2.15	2.55	3.10	3.63	4.16
9	5	Roberts	1.22	1.53	1.96	2.41	3.04	3.68	4.38
9	5	Urbana	1.34	1.66	2.06	2.39	2.85	3.28	3.74
9	6	Carlinville	1.37	1.68	2.12	2.56	3.17	3.79	4.51
9	6	Griggsville	1.29	1.59	2.05	2.47	3.07	3.63	4.19
9	6	Hillsboro	1.36	1.64	2.10	2.56	3.24	3.79	4.51
9	6	Jacksonville	1.26	1.58	2.07	2.50	3.17	3.73	4.39
9	6	Morrisonville	1.33	1.63	2.18	2.59	3.14	3.62	4.06
9	6	Pana	1.33	1.64	2.04	2.43	2.96	3.45	4.06
9	6	Springfield	1.33	1.63	2.12	2.57	3.17	3.62	4.16
9	6	White Hall	1.27	1.55	2.06	2.52	3.12	3.64	4.27
9	7	Charleston	1.32	1.61	2.06	2.46	3.04	3.62	4.30
9	7	Effingham	1.23	1.53	2.01	2.47	3.19	3.87	4.73
9	7	Palestine	1.29	1.58	2.10	2.48	3.06	3.70	4.61
9	7	Paris	1.30	1.61	2.07	2.52	3.13	3.70	4.26
9	7	Windsor	1.34	1.65	2.11	2.53	3.13	3.80	4.61
9	8	Belleville	1.30	1.70	2.28	2.84	3.81	4.68	5.97
9	8	DuQuoin	1.21	1.59	2.16	2.69	3.36	3.99	4.64
9	8	Greenville	1.26	1.61	2.13	2.60	3.41	4.14	5.03
9	8	Sparta	1.17	1.54	2.11	2.60	3.32	3.99	4.64
9	8	St Louis	1.21	1.58	2.22	2.81	3.69	4.52	5.43
9	9	Fairfield	1.25	1.53	1.99	2.40	2.99	3.54	4.24
9	9	Flora	1.29	1.58	2.02	2.43	3.09	3.68	4.26
9	9	McLeansboro	1.24	1.55	2.01	2.43	3.08	3.58	4.33
9	9	Mt Carmel	1.25	1.52	1.94	2.32	2.84	3.35	3.96
9	9	Mt Vernon	1.21	1.49	1.93	2.27	2.82	3.23	3.74
9	9	Olney	1.19	1.48	1.92	2.32	2.96	3.46	4.19
9	10	Anna	1.38	1.75	2.21	2.62	3.09	3.50	3.91
9	10	Cairo	1.33	1.71	2.25	2.68	3.25	3.81	4.25
9	10	Carbondale	1.28	1.60	2.12	2.51	3.04	3.46	3.86
9	10	Harrisburg	1.25	1.56	2.06	2.51	3.14	3.74	4.48
9	10	New Burnside	1.30	1.60	2.14	2.51	3.07	3.51	4.08

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
10	1	Aledo	1.32	1.64	2.09	2.43	3.01	3.57	4.17
10	1	Dixon	1.31	1.60	2.06	2.43	3.07	3.71	4.42
10	1	Freeport	1.28	1.56	2.02	2.43	3.13	3.81	4.63
10	1	Galva	1.29	1.56	1.99	2.38	2.96	3.51	4.13
10	1	Moline	1.19	1.52	2.00	2.43	3.02	3.53	3.97
10	1	Morrison	1.19	1.51	1.95	2.35	2.90	3.41	3.97
10	1	Mt Carroll	1.19	1.52	2.06	2.46	2.92	3.35	3.78
10	1	Rockford	1.20	1.50	2.00	2.39	2.92	3.39	3.78
10	1	Walnut	1.24	1.52	1.98	2.38	2.90	3.35	3.80
10	2	Aurora	1.25	1.58	2.04	2.55	3.35	4.09	4.86
10	2	Chicago	1.20	1.52	1.98	2.41	3.08	3.67	4.33
10	2	DeKalb	1.26	1.53	1.98	2.44	3.03	3.60	4.26
10	2	Joliet	1.30	1.63	2.12	2.60	3.35	4.06	4.90
10	2	Kankakee	1.35	1.70	2.21	2.69	3.42	4.04	4.80
10	2	Marengo	1.20	1.46	1.80	2.07	2.60	3.06	3.75
10	2	Ottawa	1.22	1.52	1.98	2.41	3.03	3.60	4.19
10	2	Waukegan	1.11	1.34	1.73	2.07	2.62	3.07	3.66
10	3	La Harpe	1.36	1.71	2.27	2.72	3.36	4.00	4.90
10	3	Monmouth	1.27	1.64	2.16	2.62	3.29	3.93	4.67
10	3	Quincy	1.35	1.76	2.24	2.65	3.30	3.87	4.53
10	4	Bloomington	1.26	1.57	1.98	2.32	2.75	3.13	3.64
10	4	Decatur	1.28	1.57	2.02	2.32	2.78	3.14	3.61
10	4	Havana	1.15	1.39	1.77	2.10	2.58	3.00	3.53
10	4	Lincoln	1.17	1.45	1.89	2.26	2.83	3.23	3.66
10	4	Minonk	1.15	1.41	1.80	2.12	2.66	3.12	3.66
10	4	Peoria	1.19	1.44	1.88	2.30	2.90	3.37	3.93
10	4	Rushville	1.24	1.48	1.80	2.11	2.57	2.96	3.45
10	5	Danville	1.34	1.64	2.08	2.42	2.93	3.32	3.80
10	5	Hoopeston	1.19	1.44	1.77	2.06	2.46	2.79	3.16
10	5	Pontiac	1.23	1.53	1.98	2.35	2.86	3.35	3.83
10	5	Roberts	1.12	1.41	1.81	2.22	2.77	3.39	4.04
10	5	Urbana	1.25	1.54	1.90	2.21	2.63	3.03	3.46
10	6	Carlinville	1.26	1.54	1.95	2.36	2.92	3.50	4.16
10	6	Griggsville	1.19	1.47	1.89	2.28	2.83	3.35	3.87
10	6	Hillsboro	1.25	1.52	1.94	2.36	2.98	3.49	4.16
10	6	Jacksonville	1.16	1.46	1.90	2.30	2.91	3.43	4.04
10	6	Morrisonville	1.22	1.50	2.02	2.39	2.89	3.33	3.74
10	6	Pana	1.23	1.51	1.88	2.24	2.73	3.18	3.74
10	6	Springfield	1.22	1.50	1.95	2.36	2.92	3.34	3.83
10	6	White Hall	1.17	1.43	1.90	2.32	2.87	3.35	3.93
10	7	Charleston	1.22	1.49	1.90	2.27	2.80	3.34	3.96
10	7	Effingham	1.14	1.41	1.85	2.29	2.95	3.56	4.36
10	7	Palestine	1.19	1.46	1.94	2.29	2.82	3.41	4.24
10	7	Paris	1.20	1.48	1.90	2.32	2.88	3.41	3.93
10	7	Windsor	1.24	1.52	1.95	2.32	2.88	3.51	4.24
10	8	Belleville	1.20	1.57	2.11	2.62	3.51	4.31	5.51
10	8	DuQuoin	1.12	1.47	1.99	2.40	3.09	3.68	4.27
10	8	Greenville	1.16	1.48	1.96	2.39	3.14	3.80	4.62
10	8	Sparta	1.08	1.42	1.94	2.38	3.06	3.68	4.27
10	8	St Louis	1.12	1.46	2.05	2.60	3.40	4.17	5.01
10	9	Fairfield	1.16	1.42	1.84	2.22	2.77	3.27	3.92
10	9	Flora	1.19	1.46	1.86	2.24	2.84	3.39	3.92
10	9	McLeansboro	1.14	1.44	1.86	2.24	2.84	3.30	4.00
10	9	Mt Carmel	1.15	1.40	1.79	2.14	2.62	3.09	3.66
10	9	Mt Vernon	1.12	1.37	1.77	2.09	2.59	2.98	3.44
10	9	Olney	1.09	1.36	1.78	2.14	2.72	3.19	3.86
10	10	Anna	1.28	1.61	2.04	2.42	2.86	3.23	3.61
10	10	Cairo	1.22	1.57	2.06	2.46	2.98	3.50	3.90
10	10	Carbondale	1.18	1.48	1.96	2.32	2.81	3.20	3.57
10	10	Harrisburg	1.16	1.44	1.91	2.32	2.90	3.45	4.14
10	10	New Burnside	1.20	1.48	1.98	2.32	2.84	3.25	3.77

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
11	1	Aledo	1.06	1.31	1.67	1.94	2.40	2.85	3.33
11	1	Dixon	1.05	1.28	1.64	1.94	2.45	2.96	3.53
11	1	Freeport	1.02	1.24	1.60	1.93	2.48	3.03	3.68
11	1	Galva	1.02	1.24	1.58	1.89	2.35	2.79	3.28
11	1	Moline	0.94	1.21	1.60	1.94	2.40	2.81	3.16
11	1	Morrison	0.94	1.20	1.55	1.87	2.31	2.71	3.16
11	1	Mt Carroll	0.94	1.21	1.64	1.95	2.33	2.67	3.01
11	1	Rockford	0.96	1.20	1.60	1.91	2.33	2.69	3.01
11	1	Walnut	0.99	1.21	1.57	1.89	2.30	2.67	3.03
11	2	Aurora	0.99	1.26	1.63	2.03	2.67	3.25	3.87
11	2	Chicago	0.95	1.21	1.58	1.92	2.45	2.92	3.46
11	2	DeKalb	1.00	1.22	1.58	1.94	2.41	2.86	3.40
11	2	Joliet	1.04	1.29	1.69	2.07	2.67	3.24	3.90
11	2	Kankakee	1.08	1.36	1.77	2.15	2.73	3.23	3.84
11	2	Marengo	0.95	1.16	1.44	1.66	2.08	2.44	3.00
11	2	Ottawa	0.97	1.21	1.58	1.92	2.41	2.86	3.34
11	2	Waukegan	0.89	1.08	1.38	1.66	2.10	2.46	2.93
11	3	La Harpe	1.08	1.36	1.81	2.17	2.68	3.19	3.91
11	3	Monmouth	1.02	1.30	1.72	2.08	2.62	3.13	3.72
11	3	Quincy	1.07	1.40	1.78	2.11	2.62	3.08	3.61
11	4	Bloomington	1.00	1.25	1.58	1.85	2.19	2.49	2.91
11	4	Decatur	1.01	1.25	1.60	1.85	2.21	2.50	2.88
11	4	Havana	0.91	1.10	1.40	1.67	2.05	2.38	2.80
11	4	Lincoln	0.95	1.16	1.51	1.80	2.25	2.57	2.92
11	4	Minonk	0.92	1.12	1.44	1.70	2.11	2.48	2.92
11	4	Peoria	0.95	1.16	1.50	1.84	2.31	2.69	3.13
11	4	Rushville	0.99	1.16	1.42	1.67	2.04	2.36	2.75
11	5	Danville	1.07	1.31	1.66	1.93	2.33	2.65	3.03
11	5	Hoopston	0.95	1.15	1.42	1.65	1.97	2.23	2.53
11	5	Pontiac	0.98	1.22	1.58	1.87	2.28	2.66	3.05
11	5	Roberts	0.90	1.12	1.44	1.74	2.16	2.71	3.22
11	5	Urbana	0.99	1.23	1.51	1.75	2.10	2.41	2.76
11	6	Carlinville	1.01	1.23	1.55	1.88	2.33	2.78	3.32
11	6	Griggsville	0.95	1.17	1.50	1.81	2.25	2.66	3.07
11	6	Hillsboro	1.00	1.21	1.54	1.88	2.38	2.78	3.31
11	6	Jacksonville	0.93	1.17	1.52	1.84	2.33	2.75	3.23
11	6	Morrisonville	0.98	1.20	1.60	1.90	2.30	2.66	2.97
11	6	Pana	0.98	1.21	1.50	1.78	2.17	2.53	2.97
11	6	Springfield	0.98	1.20	1.55	1.89	2.33	2.66	3.04
11	6	White Hall	0.93	1.13	1.50	1.84	2.28	2.66	3.11
11	7	Charleston	0.97	1.19	1.51	1.81	2.23	2.66	3.16
11	7	Effingham	0.91	1.12	1.47	1.81	2.35	2.84	3.48
11	7	Palestine	0.95	1.16	1.54	1.82	2.25	2.73	3.39
11	7	Paris	0.96	1.18	1.52	1.85	2.29	2.73	3.13
11	7	Windsor	0.99	1.21	1.55	1.86	2.29	2.78	3.44
11	8	Belleville	0.96	1.25	1.68	2.09	2.80	3.44	4.39
11	8	DuQuoin	0.89	1.17	1.59	1.91	2.47	2.93	3.41
11	8	Greenville	0.93	1.18	1.56	1.91	2.51	3.04	3.69
11	8	Sparta	0.86	1.13	1.54	1.90	2.44	2.93	3.41
11	8	St Louis	0.89	1.16	1.63	2.09	2.71	3.32	3.99
11	9	Fairfield	0.93	1.14	1.49	1.79	2.23	2.64	3.16
11	9	Flora	0.96	1.18	1.50	1.81	2.30	2.74	3.17
11	9	McLeansboro	0.91	1.15	1.48	1.79	2.26	2.62	3.18
11	9	Mt Carmel	0.92	1.12	1.43	1.71	2.09	2.47	2.92
11	9	Mt Vernon	0.89	1.10	1.42	1.67	2.07	2.38	2.75
11	9	Olney	0.87	1.09	1.42	1.71	2.17	2.54	3.08
11	10	Anna	1.01	1.28	1.62	1.92	2.27	2.56	2.87
11	10	Cairo	0.98	1.25	1.64	1.96	2.38	2.79	3.11
11	10	Carbondale	0.94	1.18	1.56	1.85	2.24	2.55	2.84
11	10	Harrisburg	0.93	1.15	1.52	1.85	2.31	2.75	3.31
11	10	New Burnside	0.96	1.18	1.57	1.85	2.26	2.59	3.00

Summer rainfall (inches) for given recurrence interval

Storm code	Zone code	Station	1-year	2-year	5-year	10-year	25-year	50-year	100-year
12	1	Aledo	0.83	1.02	1.31	1.52	1.88	2.23	2.61
12	1	Dixon	0.82	1.00	1.29	1.52	1.92	2.32	2.76
12	1	Freeport	0.80	0.98	1.26	1.52	1.96	2.38	2.90
12	1	Galva	0.81	0.98	1.25	1.49	1.85	2.20	2.59
12	1	Moline	0.74	0.95	1.26	1.52	1.90	2.21	2.49
12	1	Morrison	0.74	0.95	1.22	1.47	1.82	2.14	2.49
12	1	Mt Carroll	0.74	0.95	1.30	1.54	1.84	2.10	2.37
12	1	Rockford	0.75	0.95	1.26	1.50	1.84	2.12	2.37
12	1	Walnut	0.77	0.95	1.24	1.49	1.82	2.10	2.38
12	2	Aurora	0.78	0.99	1.28	1.59	2.10	2.56	3.05
12	2	Chicago	0.76	0.95	1.24	1.51	1.94	2.29	2.72
12	2	DeKalb	0.79	0.96	1.24	1.53	1.90	2.26	2.68
12	2	Joliet	0.81	1.01	1.33	1.63	2.10	2.54	3.07
12	2	Kankakee	0.85	1.07	1.39	1.69	2.15	2.54	3.02
12	2	Marengo	0.75	0.90	1.14	1.30	1.64	1.92	2.35
12	2	Ottawa	0.77	0.95	1.24	1.51	1.90	2.26	2.63
12	2	Waukegan	0.70	0.85	1.10	1.32	1.67	1.96	2.33
12	3	La Harpe	0.85	1.07	1.43	1.71	2.11	2.52	3.08
12	3	Monmouth	0.80	1.02	1.36	1.65	2.06	2.47	2.93
12	3	Quincy	0.86	1.12	1.42	1.68	2.09	2.45	2.87
12	4	Bloomington	0.79	0.98	1.24	1.45	1.72	1.95	2.28
12	4	Decatur	0.80	0.99	1.26	1.45	1.74	1.97	2.27
12	4	Havana	0.72	0.87	1.11	1.32	1.62	1.88	2.22
12	4	Lincoln	0.76	0.93	1.19	1.42	1.77	2.02	2.29
12	4	Minonk	0.72	0.89	1.13	1.34	1.67	1.95	2.29
12	4	Peoria	0.75	0.91	1.18	1.45	1.82	2.11	2.47
12	4	Rushville	0.78	0.91	1.13	1.32	1.61	1.86	2.16
12	5	Danville	0.84	1.03	1.30	1.52	1.84	2.09	2.39
12	5	Hoopeston	0.75	0.91	1.12	1.30	1.55	1.76	1.99
12	5	Pontiac	0.77	0.96	1.24	1.47	1.79	2.09	2.40
12	5	Roberts	0.71	0.88	1.13	1.37	1.72	2.12	2.53
12	5	Urbana	0.78	0.97	1.19	1.38	1.65	1.90	2.17
12	6	Carlinville	0.80	0.97	1.23	1.48	1.83	2.19	2.61
12	6	Griggsville	0.75	0.92	1.19	1.43	1.78	2.10	2.42
12	6	Hillsboro	0.78	0.95	1.21	1.48	1.87	2.19	2.61
12	6	Jacksonville	0.73	0.92	1.20	1.45	1.84	2.16	2.55
12	6	Morrisonville	0.77	0.94	1.26	1.50	1.81	2.09	2.34
12	6	Pana	0.77	0.95	1.18	1.40	1.71	1.99	2.34
12	6	Springfield	0.77	0.94	1.23	1.49	1.83	2.09	2.37
12	6	White Hall	0.73	0.89	1.19	1.45	1.80	2.09	2.45
12	7	Charleston	0.77	0.94	1.20	1.43	1.76	2.10	2.50
12	7	Effingham	0.71	0.89	1.16	1.42	1.85	2.24	2.74
12	7	Palestine	0.74	0.92	1.22	1.43	1.77	2.14	2.67
12	7	Paris	0.75	0.93	1.20	1.45	1.81	2.14	2.47
12	7	Windsor	0.77	0.95	1.22	1.46	1.81	2.21	2.69
12	8	Belleville	0.75	0.98	1.32	1.64	2.20	2.70	3.45
12	8	DuQuoin	0.70	0.92	1.25	1.51	1.94	2.31	2.68
12	8	Greenville	0.73	0.94	1.24	1.51	1.98	2.40	2.92
12	8	Sparta	0.68	0.89	1.21	1.51	1.92	2.31	2.68
12	8	St Louis	0.70	0.92	1.29	1.66	2.14	2.61	3.14
12	9	Fairfield	0.74	0.91	1.18	1.42	1.77	2.09	2.51
12	9	Flora	0.75	0.92	1.17	1.41	1.79	2.13	2.47
12	9	McLeansboro	0.71	0.91	1.16	1.41	1.77	2.07	2.50
12	9	Mt Carmel	0.72	0.88	1.12	1.34	1.64	1.94	2.29
12	9	Mt Vernon	0.70	0.86	1.12	1.31	1.63	1.87	2.16
12	9	Olney	0.68	0.85	1.12	1.34	1.71	2.00	2.43
12	10	Anna	0.80	1.01	1.28	1.52	1.79	2.03	2.27
12	10	Cairo	0.77	0.99	1.30	1.55	1.88	2.20	2.46
12	10	Carbondale	0.75	0.93	1.23	1.46	1.77	2.01	2.25
12	10	Harrisburg	0.73	0.91	1.20	1.46	1.83	2.17	2.61
12	10	New Burnside	0.76	0.93	1.24	1.46	1.79	2.04	2.37