

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

*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

Spring 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	3.05	3.64	4.40	5.07	5.93	6.88	8.38
1	1	Dixon	2.84	3.36	3.99	4.73	5.96	7.18	8.93
1	1	Freeport	2.80	3.32	4.12	4.89	6.14	7.70	9.53
1	1	Galva	2.97	3.45	4.22	4.93	5.96	6.99	8.16
1	1	Moline	3.08	3.62	4.36	5.06	6.10	7.25	8.50
1	1	Morrison	3.01	3.45	4.15	4.89	5.96	7.25	8.98
1	1	Mt Carroll	3.08	3.52	4.19	4.89	5.93	6.96	8.16
1	1	Rockford	3.04	3.52	4.25	4.99	5.96	6.96	8.05
1	1	Walnut	3.04	3.48	4.22	4.97	6.00	7.03	8.17
1	2	Aurora	2.98	3.49	4.35	5.14	6.34	7.41	8.69
1	2	Chicago	2.76	3.30	3.88	4.36	5.24	6.23	7.64
1	2	DeKalb	3.05	3.55	4.28	4.79	5.57	6.35	7.44
1	2	Joliet	3.05	3.55	4.32	4.96	6.00	6.85	7.97
1	2	Kankakee	2.93	3.37	4.11	4.79	5.74	6.77	8.02
1	2	Marengo	2.87	3.30	3.88	4.36	5.03	5.79	6.82
1	2	Ottawa	2.98	3.44	4.07	4.64	5.57	6.43	7.53
1	2	Waukegan	2.80	3.30	3.95	4.54	5.28	5.92	6.60
1	3	La Harpe	3.30	3.91	4.75	5.41	6.27	7.20	8.57
1	3	Monmouth	3.04	3.62	4.42	5.10	6.10	6.93	7.76
1	3	Quincy	3.19	3.73	4.51	5.13	5.93	6.62	7.42
1	4	Bloomington	3.29	3.96	4.82	5.53	6.53	7.42	8.17
1	4	Decatur	3.32	4.07	5.16	5.95	6.92	7.66	8.48
1	4	Havana	3.06	3.63	4.41	5.12	6.12	7.03	8.00
1	4	Lincoln	3.14	3.74	4.60	5.26	6.22	6.98	8.01
1	4	Minonk	3.03	3.59	4.32	4.97	5.96	6.77	8.12
1	4	Peoria	3.06	3.63	4.41	5.12	6.34	7.22	8.25
1	4	Rushville	3.34	3.92	4.66	5.32	6.27	7.13	7.90
1	5	Danville	3.62	4.37	5.39	6.08	7.01	7.61	8.16
1	5	Hoopeston	3.50	4.12	5.01	5.79	6.88	7.69	8.65
1	5	Pontiac	3.26	3.99	4.97	5.75	6.81	7.61	8.57
1	5	Roberts	3.29	3.95	4.81	5.44	6.41	7.26	8.91
1	5	Urbana	3.52	4.16	4.97	5.53	6.28	6.76	7.36
1	6	Carlinville	3.31	3.92	4.77	5.60	6.76	8.05	9.91
1	6	Griggsville	3.17	3.85	4.84	5.61	6.79	7.78	9.21
1	6	Hillsboro	3.31	3.89	4.73	5.53	6.57	7.57	9.31
1	6	Jacksonville	3.13	3.78	4.75	5.56	6.70	7.88	9.22
1	6	Morrisonville	3.17	3.82	4.62	5.34	6.41	7.40	8.59
1	6	Pana	3.27	4.02	4.87	5.56	6.52	7.59	9.02
1	6	Springfield	2.98	3.56	4.47	5.27	6.53	7.64	9.00
1	6	White Hall	3.20	3.85	4.77	5.60	6.63	7.53	8.63
1	7	Charleston	3.29	4.08	5.17	5.99	7.11	8.17	9.29
1	7	Effingham	3.24	4.15	5.41	6.32	7.51	8.81	10.37
1	7	Palestine	3.44	4.19	5.13	5.86	6.85	8.10	9.55
1	7	Paris	3.24	4.08	5.34	6.32	7.68	8.90	10.14
1	7	Windsor	3.29	4.15	5.37	6.40	7.85	9.17	10.65
1	8	Belleville	3.06	3.83	4.78	5.70	6.94	8.25	10.20
1	8	DuQuoin	3.57	4.38	5.33	5.99	7.01	7.61	8.39
1	8	Greenville	3.04	3.84	4.84	5.59	6.59	7.49	8.65
1	8	Sparta	3.33	4.13	5.14	5.85	7.01	7.95	9.12
1	8	St Louis	3.10	3.97	4.94	5.79	6.99	8.32	9.96
1	9	Fairfield	3.38	4.34	5.74	6.85	8.58	10.05	11.56
1	9	Flora	3.34	4.26	5.58	6.55	8.30	9.86	11.36
1	9	McLeansboro	3.47	4.42	5.78	6.85	8.49	9.96	11.36
1	9	Mt Carmel	3.41	4.42	5.99	7.06	9.03	10.30	11.46
1	9	Mt Vernon	3.45	4.42	5.81	6.85	8.53	10.01	11.36
1	9	Olney	3.45	4.34	5.58	6.51	7.99	9.39	10.82
1	10	Anna	4.03	4.99	6.20	7.21	8.59	9.57	10.80
1	10	Cairo	3.74	4.69	6.04	7.09	8.67	10.01	11.25
1	10	Carbondale	3.74	4.76	6.08	7.09	8.33	9.22	10.17
1	10	Harrisburg	3.64	4.51	5.93	7.35	9.34	10.79	12.66
1	10	New Burnside	3.89	4.89	6.20	7.31	8.84	10.01	11.38

Spring 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	2.41	2.90	3.62	4.25	5.20	6.01	7.25
2	1	Dixon	2.33	2.83	3.55	4.22	5.31	6.43	7.66
2	1	Freeport	2.27	2.76	3.52	4.21	5.46	6.72	8.34
2	1	Galva	2.27	2.76	3.44	4.04	5.16	6.09	7.37
2	1	Moline	2.27	2.80	3.59	4.26	5.35	6.36	7.66
2	1	Morrison	2.28	2.77	3.47	4.07	5.17	6.19	7.56
2	1	Mt Carroll	2.35	2.83	3.52	4.13	5.09	5.92	7.02
2	1	Rockford	2.28	2.74	3.49	4.16	5.21	6.01	7.02
2	1	Walnut	2.35	2.79	3.52	4.21	5.25	6.19	7.33
2	2	Aurora	2.26	2.64	3.25	3.84	4.98	6.06	7.16
2	2	Chicago	2.17	2.61	3.21	3.69	4.49	5.34	6.58
2	2	DeKalb	2.33	2.67	3.22	3.70	4.41	5.09	6.10
2	2	Joliet	2.31	2.82	3.55	4.20	5.17	6.00	6.98
2	2	Kankakee	2.16	2.57	3.25	3.85	4.85	5.67	6.76
2	2	Marengo	2.09	2.45	2.98	3.45	4.11	4.82	5.75
2	2	Ottawa	2.26	2.65	3.24	3.78	4.62	5.38	6.39
2	2	Waukegan	2.05	2.43	2.99	3.45	4.14	4.75	5.48
2	3	La Harpe	2.40	2.90	3.65	4.36	5.32	6.27	7.61
2	3	Monmouth	2.39	2.89	3.56	4.14	5.09	5.91	6.91
2	3	Quincy	2.26	2.70	3.38	3.93	4.80	5.49	6.32
2	4	Bloomington	2.68	3.18	3.90	4.53	5.50	6.40	7.51
2	4	Decatur	2.72	3.29	4.13	4.84	5.85	6.69	7.74
2	4	Havana	2.41	2.88	3.53	4.18	5.12	6.03	7.24
2	4	Lincoln	2.52	3.01	3.69	4.28	5.25	6.01	7.03
2	4	Minonk	2.41	2.86	3.53	4.11	5.04	5.90	7.24
2	4	Peoria	2.48	2.96	3.72	4.41	5.47	6.44	7.61
2	4	Rushville	2.70	3.11	3.74	4.32	5.27	6.16	7.09
2	5	Danville	2.62	3.19	3.99	4.67	5.59	6.36	7.27
2	5	Hoopeston	2.57	3.08	3.76	4.33	5.17	5.84	6.60
2	5	Pontiac	2.42	3.08	3.95	4.64	5.66	6.64	7.56
2	5	Roberts	2.31	2.76	3.49	4.14	5.29	6.38	7.71
2	5	Urbana	2.46	2.95	3.60	4.13	4.98	5.67	6.48
2	6	Carlinville	2.57	3.05	3.80	4.54	5.67	6.84	8.41
2	6	Griggsville	2.45	2.95	3.69	4.36	5.38	6.23	7.31
2	6	Hillsboro	2.51	3.02	3.76	4.50	5.57	6.49	7.75
2	6	Jacksonville	2.48	2.98	3.76	4.46	5.57	6.48	7.60
2	6	Morrisonville	2.46	3.01	3.83	4.61	5.62	6.36	7.38
2	6	Pana	2.61	3.12	3.87	4.49	5.57	6.51	7.81
2	6	Springfield	2.42	2.87	3.62	4.25	5.18	6.00	7.23
2	6	White Hall	2.47	2.98	3.87	4.57	5.55	6.46	7.54
2	7	Charleston	2.66	3.18	4.00	4.67	5.72	6.80	8.00
2	7	Effingham	2.55	3.11	3.93	4.66	5.99	7.04	8.63
2	7	Palestine	2.66	3.29	4.16	4.87	5.76	6.72	8.04
2	7	Paris	2.63	3.25	4.20	5.06	6.30	7.17	7.94
2	7	Windsor	2.61	3.21	4.09	4.96	6.13	7.31	8.70
2	8	Belleville	2.53	3.11	3.96	4.82	6.13	7.30	9.01
2	8	DuQuoin	2.79	3.43	4.22	4.94	5.83	6.71	7.62
2	8	Greenville	2.51	3.07	3.85	4.50	5.47	6.43	7.72
2	8	Sparta	2.76	3.36	4.21	4.97	6.02	6.93	8.02
2	8	St Louis	2.54	3.10	3.96	4.70	6.03	7.27	8.94
2	9	Fairfield	2.51	3.21	4.31	5.33	6.87	8.37	10.25
2	9	Flora	2.43	3.07	4.12	5.17	6.73	8.36	9.87
2	9	McLeansboro	2.59	3.32	4.39	5.45	7.09	8.74	10.46
2	9	Mt Carmel	2.62	3.27	4.31	5.33	6.74	8.14	9.89
2	9	Mt Vernon	2.64	3.34	4.44	5.58	7.08	8.64	10.10
2	9	Olney	2.59	3.21	4.20	5.09	6.70	8.23	9.98
2	10	Anna	3.06	3.83	4.92	5.82	6.99	8.06	9.27
2	10	Cairo	2.92	3.69	4.73	5.74	7.06	8.19	9.58
2	10	Carbondale	2.85	3.65	4.80	5.74	7.11	8.27	9.23
2	10	Harrisburg	2.77	3.47	4.58	5.68	7.18	8.53	10.47
2	10	New Burnside	2.95	3.65	4.85	5.76	7.14	8.35	9.80

Spring 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	2.00	2.43	3.12	3.67	4.54	5.33	6.24
3	1	Dixon	2.05	2.49	3.13	3.72	4.68	5.67	6.75
3	1	Freeport	1.97	2.37	3.06	3.69	4.73	5.83	7.20
3	1	Galva	2.00	2.40	2.99	3.60	4.57	5.49	6.56
3	1	Moline	1.95	2.41	3.14	3.77	4.76	5.68	6.58
3	1	Morrison	2.06	2.50	3.13	3.67	4.66	5.58	6.82
3	1	Mt Carroll	2.10	2.53	3.14	3.69	4.55	5.29	6.27
3	1	Rockford	2.00	2.40	3.05	3.64	4.56	5.26	6.14
3	1	Walnut	2.04	2.44	3.06	3.69	4.63	5.39	6.24
3	2	Aurora	2.02	2.38	2.94	3.48	4.56	5.39	6.51
3	2	Chicago	1.92	2.32	2.88	3.37	4.15	4.96	5.95
3	2	DeKalb	2.03	2.35	2.92	3.37	4.15	4.77	5.55
3	2	Joliet	2.11	2.52	3.25	3.85	4.77	5.55	6.55
3	2	Kankakee	2.02	2.40	3.04	3.60	4.54	5.30	6.32
3	2	Marengo	1.87	2.19	2.66	3.08	3.67	4.30	5.13
3	2	Ottawa	2.06	2.42	2.96	3.45	4.22	4.91	5.83
3	2	Waukegan	1.85	2.19	2.70	3.11	3.73	4.28	4.94
3	3	La Harpe	2.18	2.63	3.32	3.96	4.83	5.69	6.91
3	3	Monmouth	2.02	2.49	3.17	3.73	4.63	5.40	6.35
3	3	Quincy	2.09	2.49	3.12	3.63	4.43	5.07	5.84
3	4	Bloomington	2.28	2.75	3.42	4.07	5.00	5.80	6.76
3	4	Decatur	2.40	2.93	3.67	4.34	5.23	6.00	6.92
3	4	Havana	2.03	2.45	3.05	3.68	4.61	5.54	6.61
3	4	Lincoln	2.12	2.60	3.27	3.91	4.85	5.60	6.45
3	4	Minonk	2.01	2.42	3.01	3.60	4.44	5.35	6.36
3	4	Peoria	2.21	2.64	3.32	3.93	4.87	5.74	6.78
3	4	Rushville	2.24	2.63	3.22	3.73	4.65	5.47	6.34
3	5	Danville	2.21	2.73	3.45	4.10	4.94	5.62	6.37
3	5	Hoopeston	2.22	2.66	3.25	3.74	4.47	5.04	5.70
3	5	Pontiac	2.04	2.67	3.46	4.14	5.15	5.94	6.77
3	5	Roberts	2.04	2.44	3.09	3.66	4.68	5.64	6.82
3	5	Urbana	2.11	2.56	3.19	3.71	4.47	5.07	5.82
3	6	Carlinville	2.23	2.71	3.40	4.08	5.18	6.13	7.36
3	6	Griggsville	2.17	2.59	3.29	3.91	4.85	5.67	6.55
3	6	Hillsboro	2.22	2.67	3.33	3.98	4.93	5.74	6.85
3	6	Jacksonville	2.24	2.69	3.40	4.03	5.03	5.86	6.87
3	6	Morrisonville	2.20	2.69	3.54	4.25	5.19	5.85	6.65
3	6	Pana	2.28	2.74	3.40	3.99	4.97	5.74	6.76
3	6	Springfield	2.16	2.63	3.35	3.93	4.80	5.49	6.50
3	6	White Hall	2.18	2.63	3.42	4.04	4.90	5.71	6.66
3	7	Charleston	2.25	2.67	3.38	3.94	4.87	5.72	6.79
3	7	Effingham	2.14	2.65	3.35	3.93	5.07	6.02	7.18
3	7	Palestine	2.24	2.77	3.50	4.10	4.85	5.66	6.77
3	7	Paris	2.22	2.77	3.52	4.10	4.98	5.69	6.48
3	7	Windsor	2.26	2.78	3.54	4.29	5.31	6.33	7.53
3	8	Belleville	2.18	2.68	3.48	4.21	5.33	6.50	7.96
3	8	DuQuoin	2.37	2.90	3.61	4.21	5.05	5.79	6.70
3	8	Greenville	2.24	2.74	3.43	4.01	4.87	5.73	6.88
3	8	Sparta	2.35	2.84	3.60	4.23	5.21	6.03	6.96
3	8	St Louis	2.27	2.78	3.57	4.24	5.38	6.55	7.95
3	9	Fairfield	2.16	2.76	3.71	4.59	5.91	7.20	8.82
3	9	Flora	2.11	2.67	3.58	4.49	5.84	7.26	8.57
3	9	McLeansboro	2.13	2.73	3.71	4.63	6.16	7.64	9.28
3	9	Mt Carmel	2.23	2.77	3.76	4.66	5.99	7.33	8.85
3	9	Mt Vernon	2.22	2.81	3.74	4.70	5.96	7.28	8.51
3	9	Olney	2.16	2.70	3.65	4.49	6.02	7.47	8.92
3	10	Anna	2.62	3.26	4.39	5.22	6.41	7.58	8.77
3	10	Cairo	2.62	3.31	4.24	5.15	6.33	7.35	8.60
3	10	Carbondale	2.50	3.18	4.17	5.03	6.22	7.40	8.41
3	10	Harrisburg	2.49	3.18	4.13	5.12	6.55	7.79	9.68
3	10	New Burnside	2.59	3.21	4.26	5.06	6.27	7.34	8.61

Spring 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	1.78	2.10	2.74	3.27	4.04	4.73	5.57
4	1	Dixon	1.83	2.22	2.78	3.31	4.16	5.04	6.01
4	1	Freeport	1.75	2.10	2.70	3.28	4.28	5.25	6.50
4	1	Galva	1.78	2.11	2.69	3.21	4.01	4.84	5.70
4	1	Moline	1.74	2.18	2.85	3.37	4.25	5.07	5.94
4	1	Morrison	1.81	2.20	2.75	3.23	4.10	4.91	6.00
4	1	Mt Carroll	1.91	2.30	2.86	3.36	4.14	4.82	5.71
4	1	Rockford	1.78	2.14	2.73	3.25	4.07	4.70	5.48
4	1	Walnut	1.80	2.13	2.75	3.29	4.09	4.82	5.60
4	2	Aurora	1.77	2.13	2.71	3.20	4.21	5.00	6.01
4	2	Chicago	1.74	2.10	2.65	3.12	3.86	4.55	5.45
4	2	DeKalb	1.85	2.15	2.68	3.12	3.84	4.44	5.20
4	2	Joliet	1.88	2.27	2.94	3.52	4.38	5.14	6.05
4	2	Kankakee	1.90	2.26	2.85	3.38	4.26	4.98	5.93
4	2	Marengo	1.71	2.00	2.44	2.82	3.36	3.94	4.70
4	2	Ottawa	1.89	2.22	2.71	3.16	3.86	4.50	5.34
4	2	Waukegan	1.68	1.99	2.45	2.83	3.40	3.90	4.50
4	3	La Harpe	1.93	2.33	2.94	3.51	4.28	5.05	6.13
4	3	Monmouth	1.86	2.26	2.87	3.38	4.19	4.93	5.82
4	3	Quincy	1.93	2.31	2.89	3.36	4.10	4.69	5.40
4	4	Bloomington	1.97	2.39	3.03	3.63	4.45	5.26	6.05
4	4	Decatur	2.07	2.57	3.27	3.90	4.70	5.34	6.08
4	4	Havana	1.82	2.18	2.77	3.34	4.22	5.00	5.97
4	4	Lincoln	1.86	2.29	2.92	3.53	4.45	5.07	5.86
4	4	Minonk	1.80	2.15	2.74	3.28	4.10	4.94	5.78
4	4	Peoria	2.05	2.45	3.08	3.65	4.53	5.33	6.30
4	4	Rushville	2.01	2.35	2.89	3.40	4.18	4.91	5.76
4	5	Danville	1.98	2.48	3.16	3.76	4.54	5.16	5.86
4	5	Hoopeston	1.98	2.37	2.89	3.33	3.98	4.49	5.08
4	5	Pontiac	1.82	2.32	3.07	3.74	4.65	5.45	6.20
4	5	Roberts	1.88	2.25	2.84	3.37	4.31	5.19	6.28
4	5	Urbana	1.92	2.32	2.92	3.40	4.09	4.66	5.34
4	6	Carlinville	1.98	2.42	3.11	3.74	4.76	5.62	6.67
4	6	Griggsville	1.95	2.31	2.94	3.49	4.30	5.01	5.86
4	6	Hillsboro	2.04	2.45	3.05	3.65	4.52	5.26	6.29
4	6	Jacksonville	2.05	2.47	3.11	3.69	4.61	5.36	6.29
4	6	Morrisonville	1.99	2.44	3.22	3.87	4.68	5.34	6.02
4	6	Pana	2.01	2.49	3.11	3.66	4.56	5.25	6.12
4	6	Springfield	1.94	2.35	3.02	3.59	4.41	5.07	5.92
4	6	White Hall	1.98	2.39	3.11	3.67	4.46	5.19	6.06
4	7	Charleston	2.05	2.45	3.06	3.61	4.46	5.29	6.29
4	7	Effingham	1.92	2.38	3.03	3.60	4.60	5.51	6.66
4	7	Palestine	2.00	2.47	3.13	3.66	4.33	5.05	6.04
4	7	Paris	2.07	2.53	3.20	3.76	4.56	5.21	6.00
4	7	Windsor	2.05	2.52	3.21	3.89	4.81	5.74	6.83
4	8	Belleville	1.99	2.46	3.24	3.91	4.93	5.95	7.04
4	8	DuQuoin	2.15	2.66	3.32	3.86	4.57	5.27	5.99
4	8	Greenville	2.05	2.50	3.14	3.67	4.46	5.24	6.30
4	8	Sparta	2.13	2.61	3.30	3.88	4.71	5.38	6.16
4	8	St Louis	2.09	2.56	3.28	3.87	4.93	5.89	7.07
4	9	Fairfield	1.93	2.47	3.32	4.11	5.29	6.45	7.90
4	9	Flora	1.91	2.42	3.24	4.07	5.30	6.58	7.77
4	9	McLeansboro	1.92	2.46	3.36	4.16	5.59	6.93	8.34
4	9	Mt Carmel	1.95	2.48	3.29	4.11	5.44	6.67	8.01
4	9	Mt Vernon	1.99	2.51	3.34	4.20	5.33	6.50	7.60
4	9	Olney	1.86	2.35	3.17	4.04	5.42	6.64	8.00
4	10	Anna	2.41	3.04	4.01	4.87	6.07	7.12	8.10
4	10	Cairo	2.50	3.16	4.05	4.91	6.04	7.01	8.19
4	10	Carbondale	2.26	2.86	3.80	4.61	5.75	6.90	7.90
4	10	Harrisburg	2.23	2.89	3.81	4.69	6.05	7.23	8.98
4	10	New Burnside	2.42	2.99	3.97	4.72	5.85	6.84	8.03

Spring 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	1.56	1.93	2.49	3.00	3.70	4.34	5.07
5	1	Dixon	1.66	2.01	2.52	3.00	3.77	4.57	5.45
5	1	Freeport	1.62	1.95	2.49	2.99	3.82	4.67	5.63
5	1	Galva	1.57	1.92	2.45	2.92	3.66	4.30	5.07
5	1	Moline	1.55	1.93	2.49	3.00	3.70	4.34	4.95
5	1	Morrison	1.62	1.97	2.46	2.89	3.67	4.40	5.37
5	1	Mt Carroll	1.72	2.08	2.58	3.03	3.73	4.34	5.15
5	1	Rockford	1.62	1.94	2.47	2.95	3.69	4.26	4.98
5	1	Walnut	1.60	1.93	2.45	2.92	3.54	4.11	4.69
5	2	Aurora	1.60	1.97	2.48	2.99	3.87	4.62	5.38
5	2	Chicago	1.54	1.89	2.40	2.83	3.56	4.14	4.80
5	2	DeKalb	1.64	1.94	2.41	2.86	3.49	4.06	4.72
5	2	Joliet	1.68	2.02	2.57	3.06	3.87	4.59	5.42
5	2	Kankakee	1.77	2.11	2.67	3.16	3.98	4.65	5.55
5	2	Marengo	1.54	1.80	2.19	2.54	3.03	3.55	4.23
5	2	Ottawa	1.69	1.98	2.43	2.83	3.46	4.03	4.78
5	2	Waukegan	1.46	1.73	2.13	2.46	2.95	3.39	3.91
5	3	La Harpe	1.72	2.08	2.61	3.12	3.81	4.49	5.45
5	3	Monmouth	1.62	2.01	2.57	3.03	3.74	4.37	5.18
5	3	Quincy	1.79	2.14	2.68	3.12	3.81	4.36	5.02
5	4	Bloomington	1.69	2.08	2.75	3.29	3.98	4.66	5.36
5	4	Decatur	1.76	2.18	2.80	3.29	3.94	4.54	5.17
5	4	Havana	1.62	1.94	2.50	2.97	3.77	4.45	5.24
5	4	Lincoln	1.62	2.00	2.62	3.20	4.04	4.66	5.24
5	4	Minonk	1.58	1.95	2.50	3.05	3.76	4.50	5.24
5	4	Peoria	1.84	2.19	2.76	3.27	4.06	4.78	5.64
5	4	Rushville	1.71	2.01	2.50	2.98	3.65	4.28	4.94
5	5	Danville	1.75	2.16	2.81	3.37	4.10	4.69	5.36
5	5	Hoopeston	1.74	2.08	2.54	2.93	3.50	3.95	4.47
5	5	Pontiac	1.56	2.03	2.66	3.24	4.16	4.99	5.67
5	5	Roberts	1.72	2.05	2.60	3.08	3.94	4.75	5.74
5	5	Urbana	1.67	2.08	2.59	3.07	3.69	4.25	4.88
5	6	Carlinville	1.77	2.14	2.68	3.20	3.92	4.63	5.45
5	6	Griggsville	1.74	2.10	2.64	3.09	3.79	4.40	5.13
5	6	Hillsboro	1.83	2.20	2.74	3.28	4.06	4.73	5.65
5	6	Jacksonville	1.74	2.09	2.64	3.13	3.91	4.55	5.33
5	6	Morrisonville	1.72	2.08	2.71	3.24	3.88	4.42	4.90
5	6	Pana	1.70	2.11	2.58	3.04	3.65	4.22	4.90
5	6	Springfield	1.72	2.08	2.68	3.21	3.92	4.41	5.03
5	6	White Hall	1.69	2.04	2.65	3.13	3.80	4.42	5.16
5	7	Charleston	1.81	2.13	2.70	3.15	3.93	4.61	5.39
5	7	Effingham	1.73	2.07	2.66	3.18	4.01	4.69	5.70
5	7	Palestine	1.73	2.14	2.71	3.17	3.75	4.37	5.23
5	7	Paris	1.82	2.17	2.74	3.22	3.92	4.50	5.14
5	7	Windsor	1.78	2.19	2.79	3.38	4.18	4.99	5.93
5	8	Belleville	1.86	2.32	2.97	3.51	4.45	5.26	6.16
5	8	DuQuoin	1.92	2.32	2.84	3.26	3.92	4.52	5.06
5	8	Greenville	1.78	2.18	2.73	3.19	3.88	4.56	5.47
5	8	Sparta	1.86	2.25	2.77	3.24	3.88	4.52	5.16
5	8	St Louis	1.92	2.30	2.92	3.44	4.31	5.11	5.93
5	9	Fairfield	1.73	2.21	2.97	3.67	4.73	5.77	7.06
5	9	Flora	1.74	2.20	2.95	3.70	4.82	5.98	7.06
5	9	McLeansboro	1.77	2.24	3.02	3.74	4.92	5.92	7.33
5	9	Mt Carmel	1.74	2.19	2.94	3.59	4.78	5.84	7.10
5	9	Mt Vernon	1.75	2.21	2.94	3.69	4.69	5.72	6.69
5	9	Olney	1.70	2.15	2.89	3.59	4.73	5.74	7.10
5	10	Anna	2.19	2.78	3.68	4.42	5.57	6.46	7.33
5	10	Cairo	2.29	2.90	3.72	4.51	5.55	6.44	7.53
5	10	Carbondale	2.07	2.64	3.45	4.23	5.20	6.22	7.30
5	10	Harrisburg	2.02	2.55	3.41	4.23	5.55	6.75	8.23
5	10	New Burnside	2.17	2.68	3.56	4.23	5.24	6.13	7.20

Spring 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	1.43	1.77	2.29	2.76	3.40	3.99	4.66
6	1	Dixon	1.52	1.85	2.32	2.76	3.47	4.21	5.01
6	1	Freeport	1.45	1.79	2.29	2.75	3.51	4.29	5.18
6	1	Galva	1.44	1.76	2.26	2.69	3.37	3.96	4.66
6	1	Moline	1.43	1.77	2.29	2.76	3.40	3.99	4.56
6	1	Morrison	1.49	1.81	2.27	2.66	3.38	4.05	4.94
6	1	Mt Carroll	1.58	1.90	2.37	2.78	3.43	3.98	4.73
6	1	Rockford	1.49	1.78	2.27	2.71	3.39	3.92	4.57
6	1	Walnut	1.49	1.77	2.26	2.69	3.26	3.78	4.31
6	2	Aurora	1.47	1.81	2.28	2.75	3.56	4.25	4.95
6	2	Chicago	1.42	1.74	2.21	2.60	3.28	3.81	4.42
6	2	DeKalb	1.49	1.75	2.21	2.63	3.21	3.74	4.35
6	2	Joliet	1.54	1.85	2.36	2.81	3.56	4.22	4.99
6	2	Kankakee	1.63	1.94	2.46	2.91	3.67	4.29	5.11
6	2	Marengo	1.42	1.66	2.02	2.34	2.79	3.27	3.90
6	2	Ottawa	1.55	1.82	2.23	2.60	3.18	3.70	4.40
6	2	Waukegan	1.33	1.58	1.94	2.24	2.69	3.08	3.56
6	3	La Harpe	1.59	1.92	2.41	2.88	3.51	4.14	5.03
6	3	Monmouth	1.49	1.85	2.37	2.78	3.44	4.02	4.76
6	3	Quincy	1.63	1.94	2.43	2.83	3.46	3.95	4.55
6	4	Bloomington	1.56	1.92	2.53	3.02	3.66	4.29	4.93
6	4	Decatur	1.62	2.01	2.58	3.02	3.63	4.18	4.76
6	4	Havana	1.49	1.79	2.30	2.73	3.47	4.10	4.83
6	4	Lincoln	1.49	1.84	2.41	2.95	3.74	4.29	4.83
6	4	Minonk	1.46	1.80	2.30	2.80	3.46	4.14	4.83
6	4	Peoria	1.69	2.01	2.53	3.00	3.72	4.38	5.18
6	4	Rushville	1.57	1.85	2.29	2.74	3.36	3.93	4.54
6	5	Danville	1.52	1.90	2.58	3.10	3.78	4.27	4.97
6	5	Hoopeston	1.57	1.88	2.29	2.64	3.15	3.56	4.02
6	5	Pontiac	1.44	1.88	2.45	2.98	3.83	4.59	5.22
6	5	Roberts	1.59	1.90	2.40	2.85	3.64	4.39	5.31
6	5	Urbana	1.53	1.91	2.38	2.82	3.39	3.91	4.49
6	6	Carlinville	1.63	1.97	2.46	2.94	3.61	4.26	5.02
6	6	Griggsville	1.60	1.93	2.43	2.84	3.48	4.05	4.73
6	6	Hillsboro	1.64	1.97	2.46	2.94	3.64	4.24	5.06
6	6	Jacksonville	1.60	1.92	2.43	2.88	3.60	4.18	4.91
6	6	Morrisonville	1.58	1.92	2.50	2.99	3.56	4.07	4.50
6	6	Pana	1.56	1.94	2.38	2.79	3.36	3.88	4.50
6	6	Springfield	1.58	1.92	2.46	2.95	3.60	4.06	4.62
6	6	White Hall	1.56	1.88	2.44	2.88	3.50	4.07	4.75
6	7	Charleston	1.63	1.96	2.45	2.90	3.61	4.24	4.96
6	7	Effingham	1.59	1.91	2.44	2.92	3.69	4.32	5.24
6	7	Palestine	1.59	1.97	2.49	2.92	3.45	4.03	4.82
6	7	Paris	1.68	2.00	2.52	2.96	3.61	4.14	4.72
6	7	Windsor	1.64	2.02	2.57	3.12	3.85	4.59	5.47
6	8	Belleville	1.72	2.14	2.74	3.24	4.09	4.84	5.67
6	8	DuQuoin	1.76	2.13	2.62	3.00	3.60	4.15	4.66
6	8	Greenville	1.65	2.02	2.53	2.96	3.60	4.23	5.08
6	8	Sparta	1.72	2.07	2.55	2.97	3.56	4.15	4.75
6	8	St Louis	1.77	2.12	2.68	3.17	3.96	4.71	5.45
6	9	Fairfield	1.60	2.04	2.74	3.39	4.37	5.32	6.52
6	9	Flora	1.61	2.03	2.73	3.42	4.45	5.53	6.53
6	9	McLeansboro	1.63	2.06	2.78	3.45	4.53	5.45	6.75
6	9	Mt Carmel	1.60	2.01	2.70	3.30	4.40	5.37	6.53
6	9	Mt Vernon	1.61	2.03	2.70	3.39	4.31	5.25	6.14
6	9	Olney	1.56	1.98	2.66	3.30	4.35	5.28	6.53
6	10	Anna	2.01	2.55	3.39	4.06	5.12	5.94	6.75
6	10	Cairo	2.11	2.67	3.42	4.15	5.10	5.92	6.93
6	10	Carbondale	1.91	2.43	3.18	3.89	4.78	5.72	6.72
6	10	Harrisburg	1.85	2.35	3.14	3.89	5.11	6.22	7.57
6	10	New Burnside	1.99	2.47	3.28	3.89	4.82	5.64	6.62

Spring 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	1.35	1.68	2.17	2.60	3.22	3.78	4.41
7	1	Dixon	1.44	1.74	2.19	2.60	3.27	3.96	4.72
7	1	Freeport	1.37	1.69	2.17	2.60	3.32	4.06	4.90
7	1	Galva	1.37	1.67	2.13	2.55	3.18	3.74	4.41
7	1	Moline	1.35	1.68	2.17	2.60	3.22	3.78	4.31
7	1	Morrison	1.41	1.72	2.15	2.52	3.20	3.83	4.68
7	1	Mt Carroll	1.50	1.81	2.25	2.64	3.25	3.78	4.49
7	1	Rockford	1.41	1.69	2.16	2.57	3.22	3.71	4.34
7	1	Walnut	1.41	1.68	2.13	2.55	3.08	3.58	4.08
7	2	Aurora	1.39	1.71	2.15	2.60	3.36	4.02	4.68
7	2	Chicago	1.34	1.64	2.09	2.46	3.10	3.60	4.18
7	2	DeKalb	1.41	1.66	2.09	2.49	3.03	3.53	4.11
7	2	Joliet	1.46	1.75	2.24	2.66	3.36	3.99	4.72
7	2	Kankakee	1.54	1.84	2.32	2.75	3.46	4.05	4.83
7	2	Marengo	1.34	1.57	1.91	2.21	2.63	3.09	3.68
7	2	Ottawa	1.47	1.72	2.11	2.46	3.01	3.50	4.16
7	2	Waukegan	1.26	1.49	1.84	2.12	2.54	2.92	3.37
7	3	La Harpe	1.50	1.81	2.28	2.72	3.32	3.91	4.75
7	3	Monmouth	1.41	1.75	2.24	2.63	3.25	3.81	4.51
7	3	Quincy	1.54	1.83	2.30	2.67	3.26	3.73	4.29
7	4	Bloomington	1.47	1.82	2.39	2.86	3.47	4.06	4.66
7	4	Decatur	1.53	1.90	2.44	2.86	3.43	3.95	4.50
7	4	Havana	1.41	1.69	2.17	2.58	3.28	3.88	4.56
7	4	Lincoln	1.41	1.74	2.28	2.78	3.53	4.06	4.56
7	4	Minonk	1.38	1.70	2.18	2.64	3.27	3.91	4.56
7	4	Peoria	1.60	1.91	2.40	2.84	3.52	4.15	4.90
7	4	Rushville	1.49	1.75	2.17	2.59	3.18	3.72	4.30
7	5	Danville	1.44	1.80	2.44	2.93	3.57	4.04	4.70
7	5	Hoopeston	1.48	1.78	2.17	2.50	2.98	3.37	3.81
7	5	Pontiac	1.36	1.77	2.32	2.82	3.63	4.34	4.93
7	5	Roberts	1.50	1.79	2.26	2.68	3.42	4.13	4.99
7	5	Urbana	1.46	1.81	2.25	2.66	3.21	3.70	4.25
7	6	Carlinville	1.54	1.86	2.33	2.79	3.41	4.03	4.75
7	6	Griggsville	1.52	1.83	2.30	2.69	3.30	3.83	4.47
7	6	Hillsboro	1.56	1.87	2.33	2.79	3.45	4.02	4.80
7	6	Jacksonville	1.51	1.82	2.29	2.72	3.40	3.95	4.63
7	6	Morrisonville	1.50	1.81	2.36	2.82	3.37	3.85	4.26
7	6	Pana	1.48	1.83	2.25	2.65	3.18	3.67	4.26
7	6	Springfield	1.50	1.81	2.33	2.79	3.41	3.84	4.37
7	6	White Hall	1.47	1.78	2.31	2.73	3.31	3.86	4.50
7	7	Charleston	1.54	1.85	2.32	2.74	3.42	4.02	4.68
7	7	Effingham	1.51	1.80	2.31	2.76	3.49	4.08	4.96
7	7	Palestine	1.51	1.86	2.36	2.76	3.26	3.81	4.56
7	7	Paris	1.59	1.89	2.38	2.80	3.41	3.91	4.47
7	7	Windsor	1.55	1.91	2.43	2.95	3.64	4.34	5.17
7	8	Belleville	1.62	2.03	2.59	3.06	3.87	4.58	5.36
7	8	DuQuoin	1.67	2.02	2.47	2.84	3.41	3.93	4.40
7	8	Greenville	1.57	1.92	2.40	2.81	3.42	4.02	4.82
7	8	Sparta	1.62	1.96	2.41	2.82	3.37	3.93	4.48
7	8	St Louis	1.67	2.00	2.54	3.00	3.75	4.45	5.16
7	9	Fairfield	1.51	1.93	2.59	3.20	4.13	5.03	6.16
7	9	Flora	1.52	1.92	2.58	3.24	4.22	5.24	6.19
7	9	McLeansboro	1.54	1.95	2.63	3.26	4.28	5.15	6.38
7	9	Mt Carmel	1.51	1.90	2.55	3.12	4.16	5.08	6.18
7	9	Mt Vernon	1.52	1.92	2.55	3.20	4.07	4.96	5.80
7	9	Olney	1.48	1.87	2.52	3.12	4.12	4.99	6.18
7	10	Anna	1.90	2.41	3.20	3.84	4.85	5.62	6.38
7	10	Cairo	1.99	2.52	3.23	3.92	4.82	5.59	6.54
7	10	Carbondale	1.80	2.30	3.00	3.69	4.52	5.41	6.35
7	10	Harrisburg	1.75	2.22	2.97	3.69	4.83	5.88	7.15
7	10	New Burnside	1.89	2.34	3.11	3.69	4.57	5.35	6.28



Spring 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	1.17	1.44	1.86	2.25	2.78	3.25	3.80
8	1	Dixon	1.24	1.51	1.89	2.25	2.83	3.43	4.08
8	1	Freeport	1.18	1.46	1.86	2.24	2.86	3.50	4.22
8	1	Galva	1.18	1.44	1.84	2.20	2.74	3.23	3.80
8	1	Moline	1.16	1.44	1.86	2.25	2.78	3.25	3.74
8	1	Morrison	1.22	1.48	1.85	2.17	2.76	3.30	4.03
8	1	Mt Carroll	1.29	1.56	1.93	2.27	2.80	3.25	3.86
8	1	Rockford	1.21	1.46	1.85	2.21	2.77	3.19	3.73
8	1	Walnut	1.22	1.44	1.84	2.20	2.66	3.08	3.52
8	2	Aurora	1.20	1.47	1.86	2.24	2.90	3.46	4.03
8	2	Chicago	1.16	1.42	1.80	2.12	2.67	3.10	3.60
8	2	DeKalb	1.22	1.43	1.81	2.14	2.62	3.05	3.55
8	2	Joliet	1.26	1.51	1.93	2.29	2.90	3.44	4.06
8	2	Kankakee	1.34	1.59	2.01	2.38	3.00	3.51	4.18
8	2	Marengo	1.16	1.36	1.65	1.91	2.28	2.67	3.18
8	2	Ottawa	1.27	1.49	1.82	2.12	2.59	3.02	3.58
8	2	Waukegan	1.09	1.29	1.59	1.83	2.20	2.52	2.91
8	3	La Harpe	1.30	1.57	1.98	2.36	2.88	3.39	4.12
8	3	Monmouth	1.22	1.51	1.93	2.27	2.80	3.28	3.88
8	3	Quincy	1.32	1.58	1.98	2.30	2.81	3.21	3.70
8	4	Bloomington	1.27	1.56	2.06	2.46	3.00	3.49	4.02
8	4	Decatur	1.32	1.63	2.10	2.46	2.96	3.40	3.88
8	4	Havana	1.21	1.46	1.87	2.22	2.82	3.34	3.94
8	4	Lincoln	1.23	1.51	1.97	2.40	3.04	3.49	3.94
8	4	Minonk	1.19	1.46	1.88	2.26	2.83	3.38	3.94
8	4	Peoria	1.38	1.64	2.07	2.45	3.04	3.58	4.23
8	4	Rushville	1.28	1.51	1.87	2.24	2.74	3.21	3.71
8	5	Danville	1.23	1.55	2.11	2.53	3.08	3.48	4.04
8	5	Hoopston	1.28	1.54	1.88	2.16	2.58	2.91	3.29
8	5	Pontiac	1.18	1.52	1.99	2.43	3.12	3.74	4.24
8	5	Roberts	1.30	1.55	1.96	2.33	2.98	3.59	4.34
8	5	Urbana	1.25	1.56	1.95	2.30	2.77	3.19	3.66
8	6	Carlinville	1.33	1.60	2.01	2.40	2.94	3.47	4.09
8	6	Griggsville	1.31	1.58	1.98	2.31	2.84	3.30	3.85
8	6	Hillsboro	1.34	1.61	2.01	2.40	2.97	3.46	4.13
8	6	Jacksonville	1.31	1.57	1.98	2.35	2.93	3.41	4.00
8	6	Morrisonville	1.29	1.56	2.03	2.43	2.91	3.32	3.67
8	6	Pana	1.28	1.57	1.94	2.28	2.74	3.16	3.67
8	6	Springfield	1.29	1.56	2.01	2.41	2.94	3.32	3.78
8	6	White Hall	1.27	1.53	1.99	2.35	2.85	3.32	3.88
8	7	Charleston	1.36	1.60	2.02	2.37	2.95	3.46	4.04
8	7	Effingham	1.30	1.55	1.99	2.38	3.01	3.52	4.28
8	7	Palestine	1.30	1.61	2.03	2.38	2.81	3.28	3.93
8	7	Paris	1.37	1.63	2.05	2.41	2.94	3.37	3.85
8	7	Windsor	1.34	1.65	2.10	2.55	3.15	3.75	4.47
8	8	Belleville	1.40	1.75	2.24	2.64	3.34	3.94	4.62
8	8	DuQuoin	1.44	1.74	2.13	2.45	2.94	3.39	3.79
8	8	Greenville	1.34	1.64	2.06	2.41	2.93	3.44	4.13
8	8	Sparta	1.40	1.69	2.08	2.41	2.91	3.39	3.85
8	8	St Louis	1.44	1.73	2.19	2.60	3.24	3.84	4.45
8	9	Fairfield	1.30	1.66	2.23	2.76	3.55	4.33	5.30
8	9	Flora	1.32	1.66	2.23	2.80	3.64	4.53	5.35
8	9	McLeansboro	1.33	1.68	2.26	2.81	3.69	4.45	5.51
8	9	Mt Carmel	1.30	1.64	2.21	2.69	3.59	4.38	5.32
8	9	Mt Vernon	1.31	1.66	2.21	2.78	3.52	4.30	5.03
8	9	Olney	1.27	1.61	2.17	2.69	3.55	4.31	5.32
8	10	Anna	1.64	2.08	2.76	3.31	4.18	4.84	5.50
8	10	Cairo	1.72	2.17	2.79	3.38	4.16	4.82	5.64
8	10	Carbondale	1.55	1.98	2.59	3.18	3.91	4.67	5.48
8	10	Harrisburg	1.51	1.92	2.56	3.18	4.17	5.07	6.17
8	10	New Burnside	1.63	2.02	2.68	3.18	3.94	4.61	5.41

Spring 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	0.99	1.23	1.59	1.92	2.37	2.78	3.24
9	1	Dixon	1.06	1.29	1.62	1.92	2.42	2.93	3.49
9	1	Freeport	1.01	1.25	1.59	1.91	2.44	2.98	3.60
9	1	Galva	1.00	1.23	1.57	1.87	2.34	2.75	3.24
9	1	Moline	0.99	1.23	1.59	1.92	2.37	2.78	3.17
9	1	Morrison	1.04	1.26	1.58	1.85	2.35	2.81	3.44
9	1	Mt Carroll	1.10	1.33	1.65	1.94	2.39	2.78	3.30
9	1	Rockford	1.04	1.24	1.59	1.89	2.37	2.73	3.19
9	1	Walnut	1.04	1.23	1.57	1.87	2.27	2.63	3.00
9	2	Aurora	1.03	1.26	1.59	1.91	2.48	2.96	3.44
9	2	Chicago	0.99	1.21	1.54	1.81	2.28	2.65	3.07
9	2	DeKalb	1.03	1.22	1.54	1.83	2.23	2.60	3.02
9	2	Joliet	1.07	1.29	1.64	1.95	2.48	2.94	3.47
9	2	Kankakee	1.13	1.35	1.71	2.02	2.54	2.97	3.55
9	2	Marengo	0.99	1.16	1.41	1.63	1.94	2.28	2.72
9	2	Ottawa	1.08	1.27	1.55	1.81	2.21	2.58	3.06
9	2	Waukegan	0.93	1.10	1.35	1.56	1.87	2.15	2.48
9	3	La Harpe	1.11	1.34	1.69	2.02	2.46	2.90	3.53
9	3	Monmouth	1.04	1.29	1.65	1.93	2.39	2.80	3.32
9	3	Quincy	1.12	1.34	1.68	1.95	2.38	2.72	3.14
9	4	Bloomington	1.08	1.33	1.76	2.10	2.57	2.99	3.43
9	4	Decatur	1.13	1.40	1.79	2.10	2.53	2.90	3.31
9	4	Havana	1.04	1.25	1.60	1.90	2.41	2.85	3.36
9	4	Lincoln	1.04	1.29	1.68	2.05	2.60	2.99	3.36
9	4	Minonk	1.02	1.25	1.60	1.92	2.40	2.88	3.36
9	4	Peoria	1.18	1.40	1.76	2.09	2.59	3.05	3.61
9	4	Rushville	1.10	1.31	1.59	1.91	2.34	2.74	3.16
9	4	Danville	1.06	1.33	1.80	2.15	2.63	2.97	3.44
9	5	Hoopeston	1.09	1.31	1.60	1.84	2.20	2.48	2.80
9	5	Pontiac	1.00	1.30	1.70	2.08	2.67	3.20	3.62
9	5	Roberts	1.10	1.32	1.67	1.98	2.53	3.05	3.69
9	5	Urbana	1.07	1.33	1.66	1.96	2.36	2.72	3.12
9	6	Carlinville	1.14	1.37	1.71	2.05	2.51	2.96	3.49
9	6	Griggsville	1.12	1.35	1.69	1.98	2.42	2.82	3.28
9	6	Hillsboro	1.14	1.38	1.71	2.05	2.54	2.96	3.53
9	6	Jacksonville	1.11	1.34	1.69	2.00	2.50	2.91	3.41
9	6	Morrisonville	1.10	1.33	1.74	2.07	2.48	2.83	3.13
9	6	Pana	1.09	1.34	1.65	1.94	2.34	2.70	3.13
9	6	Springfield	1.10	1.33	1.71	2.05	2.51	2.83	3.22
9	6	White Hall	1.09	1.31	1.70	2.01	2.44	2.84	3.31
9	7	Charleston	1.16	1.36	1.73	2.02	2.51	2.95	3.45
9	7	Effingham	1.11	1.33	1.70	2.02	2.56	3.01	3.65
9	7	Palestine	1.11	1.37	1.73	2.03	2.40	2.80	3.35
9	7	Paris	1.16	1.39	1.75	2.06	2.51	2.88	3.29
9	7	Windsor	1.14	1.40	1.79	2.17	2.68	3.20	3.81
9	8	Belleville	1.19	1.49	1.90	2.25	2.85	3.37	3.95
9	8	DuQuoin	1.23	1.48	1.82	2.10	2.51	2.89	3.24
9	8	Greenville	1.15	1.41	1.76	2.06	2.50	2.94	3.53
9	8	Sparta	1.19	1.44	1.77	2.06	2.48	2.89	3.30
9	8	St Louis	1.23	1.48	1.87	2.23	2.76	3.27	3.79
9	9	Fairfield	1.11	1.42	1.90	2.35	3.03	3.69	4.52
9	9	Flora	1.13	1.43	1.91	2.40	3.12	3.88	4.58
9	9	McLeansboro	1.14	1.44	1.93	2.39	3.15	3.79	4.70
9	9	Mt Carmel	1.11	1.40	1.88	2.29	3.06	3.73	4.54
9	9	Mt Vernon	1.12	1.41	1.88	2.36	3.00	3.66	4.28
9	9	Olney	1.09	1.38	1.85	2.29	3.03	3.67	4.54
9	10	Anna	1.40	1.78	2.35	2.82	3.57	4.13	4.69
9	10	Cairo	1.47	1.86	2.38	2.89	3.55	4.12	4.82
9	10	Carbondale	1.33	1.69	2.21	2.71	3.33	3.99	4.67
9	10	Harrisburg	1.29	1.64	2.18	2.71	3.55	4.32	5.26
9	10	New Burnside	1.39	1.72	2.28	2.71	3.36	3.93	4.61

Spring 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	0.92	1.13	1.47	1.77	2.18	2.56	2.99
10	1	Dixon	0.98	1.19	1.49	1.77	2.23	2.70	3.21
10	1	Freeport	0.93	1.15	1.47	1.77	2.25	2.75	3.32
10	1	Galva	0.93	1.13	1.45	1.73	2.16	2.54	2.99
10	1	Moline	0.92	1.13	1.47	1.77	2.18	2.56	2.92
10	1	Morrison	0.96	1.16	1.46	1.71	2.17	2.60	3.18
10	1	Mt Carroll	1.02	1.23	1.53	1.79	2.21	2.57	3.04
10	1	Rockford	0.95	1.15	1.46	1.74	2.18	2.51	2.94
10	1	Walnut	0.96	1.13	1.45	1.73	2.09	2.43	2.77
10	2	Aurora	0.94	1.16	1.46	1.76	2.28	2.73	3.17
10	2	Chicago	0.91	1.12	1.42	1.67	2.10	2.44	2.83
10	2	DeKalb	0.96	1.12	1.42	1.69	2.06	2.40	2.78
10	2	Joliet	0.99	1.19	1.52	1.80	2.28	2.71	3.20
10	2	Kankakee	1.04	1.24	1.57	1.86	2.34	2.74	3.27
10	2	Marengo	0.91	1.07	1.30	1.50	1.79	2.10	2.50
10	2	Ottawa	1.00	1.17	1.43	1.67	2.04	2.38	2.82
10	2	Waukegan	0.85	1.01	1.24	1.43	1.72	1.97	2.27
10	3	La Harpe	1.02	1.23	1.55	1.85	2.26	2.66	3.23
10	3	Monmouth	0.95	1.19	1.52	1.79	2.20	2.58	3.05
10	3	Quincy	1.04	1.24	1.55	1.80	2.20	2.51	2.89
10	4	Bloomington	1.00	1.23	1.62	1.94	2.38	2.75	3.16
10	4	Decatur	1.04	1.29	1.66	1.94	2.33	2.68	3.05
10	4	Havana	0.96	1.15	1.48	1.75	2.22	2.63	3.09
10	4	Lincoln	0.96	1.19	1.55	1.89	2.39	2.75	3.09
10	4	Minonk	0.94	1.15	1.48	1.77	2.23	2.65	3.09
10	4	Peoria	1.08	1.29	1.62	1.92	2.38	2.80	3.31
10	4	Rushville	1.01	1.21	1.48	1.76	2.15	2.52	2.91
10	5	Danville	0.97	1.22	1.66	1.99	2.42	2.74	3.17
10	5	Hoopeston	1.00	1.20	1.47	1.69	2.02	2.28	2.58
10	5	Pontiac	0.92	1.21	1.57	1.91	2.45	2.95	3.34
10	5	Roberts	1.02	1.21	1.53	1.82	2.33	2.80	3.39
10	5	Urbana	0.99	1.23	1.53	1.81	2.17	2.51	2.88
10	6	Carlinville	1.05	1.26	1.58	1.89	2.31	2.73	3.22
10	6	Griggsville	1.03	1.24	1.56	1.82	2.24	2.60	3.03
10	6	Hillsboro	1.05	1.27	1.58	1.89	2.34	2.73	3.26
10	6	Jacksonville	1.02	1.23	1.55	1.84	2.30	2.67	3.14
10	6	Morrisonville	1.01	1.23	1.62	1.91	2.28	2.60	2.89
10	6	Pana	1.00	1.24	1.52	1.80	2.16	2.49	2.89
10	6	Springfield	1.01	1.23	1.58	1.89	2.31	2.61	2.96
10	6	White Hall	1.00	1.20	1.56	1.84	2.24	2.60	3.04
10	7	Charleston	1.06	1.26	1.59	1.86	2.31	2.72	3.18
10	7	Effingham	1.02	1.22	1.57	1.87	2.37	2.77	3.36
10	7	Palestine	1.02	1.26	1.60	1.87	2.21	2.58	3.09
10	7	Paris	1.08	1.29	1.61	1.90	2.31	2.65	3.03
10	7	Windsor	1.05	1.29	1.65	2.00	2.47	2.95	3.51
10	8	Belleville	1.10	1.37	1.76	2.08	2.62	3.11	3.64
10	8	DuQuoin	1.13	1.37	1.68	1.95	2.31	2.67	2.98
10	8	Greenville	1.06	1.30	1.63	1.90	2.31	2.71	3.26
10	8	Sparta	1.10	1.33	1.64	1.89	2.28	2.67	3.00
10	8	St Louis	1.13	1.36	1.73	2.06	2.54	3.02	3.50
10	9	Fairfield	1.02	1.30	1.75	2.16	2.79	3.40	4.16
10	9	Flora	1.04	1.32	1.77	2.22	2.89	3.59	4.24
10	9	McLeansboro	1.04	1.34	1.78	2.21	2.90	3.50	4.33
10	9	Mt Carmel	1.02	1.29	1.73	2.11	2.82	3.45	4.19
10	9	Mt Vernon	1.03	1.30	1.73	2.17	2.76	3.37	3.94
10	9	Olney	1.00	1.27	1.71	2.11	2.79	3.38	4.19
10	10	Anna	1.29	1.64	2.17	2.61	3.29	3.81	4.32
10	10	Cairo	1.35	1.71	2.19	2.66	3.27	3.80	4.44
10	10	Carbondale	1.22	1.56	2.04	2.50	3.07	3.68	4.31
10	10	Harrisburg	1.19	1.51	2.01	2.50	3.27	3.99	4.85
10	10	New Burnside	1.28	1.58	2.11	2.50	3.10	3.62	4.25

Spring 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	0.73	0.91	1.17	1.41	1.74	2.04	2.38
11	1	Dixon	0.78	0.95	1.19	1.41	1.77	2.15	2.56
11	1	Freeport	0.74	0.92	1.17	1.40	1.79	2.19	2.65
11	1	Galva	0.74	0.90	1.15	1.38	1.72	2.02	2.38
11	1	Moline	0.73	0.91	1.17	1.41	1.74	2.04	2.32
11	1	Morrison	0.76	0.93	1.16	1.36	1.73	2.07	2.53
11	1	Mt Carroll	0.81	0.97	1.21	1.42	1.75	2.04	2.41
11	1	Rockford	0.76	0.92	1.17	1.39	1.74	2.01	2.35
11	1	Walnut	0.76	0.91	1.15	1.38	1.66	1.93	2.20
11	2	Aurora	0.75	0.93	1.17	1.40	1.82	2.17	2.53
11	2	Chicago	0.72	0.89	1.13	1.33	1.67	1.95	2.26
11	2	DeKalb	0.76	0.89	1.13	1.34	1.64	1.91	2.22
11	2	Joliet	0.79	0.94	1.21	1.44	1.82	2.16	2.55
11	2	Kankakee	0.84	0.99	1.26	1.49	1.88	2.19	2.62
11	2	Marengo	0.73	0.85	1.04	1.20	1.43	1.68	2.00
11	2	Ottawa	0.80	0.93	1.14	1.33	1.63	1.89	2.25
11	2	Waukegan	0.68	0.81	1.00	1.15	1.38	1.58	1.83
11	3	La Harpe	0.81	0.98	1.24	1.48	1.81	2.13	2.58
11	3	Monmouth	0.76	0.95	1.21	1.42	1.76	2.05	2.43
11	3	Quincy	0.83	0.99	1.24	1.44	1.76	2.01	2.32
11	4	Bloomington	0.79	0.98	1.29	1.55	1.90	2.19	2.52
11	4	Decatur	0.83	1.03	1.32	1.55	1.85	2.13	2.43
11	4	Havana	0.76	0.91	1.17	1.39	1.77	2.09	2.46
11	4	Lincoln	0.77	0.95	1.24	1.51	1.91	2.19	2.46
11	4	Minonk	0.75	0.92	1.18	1.42	1.77	2.12	2.46
11	4	Peoria	0.86	1.03	1.29	1.53	1.90	2.23	2.64
11	4	Rushville	0.81	0.94	1.17	1.40	1.72	2.01	2.33
11	5	Danville	0.77	0.97	1.32	1.58	1.93	2.18	2.52
11	5	Hoopeston	0.80	0.96	1.17	1.35	1.61	1.82	2.06
11	5	Pontiac	0.73	0.95	1.25	1.52	1.96	2.35	2.66
11	5	Roberts	0.80	0.95	1.21	1.43	1.83	2.20	2.66
11	5	Urbana	0.79	0.98	1.22	1.44	1.73	2.00	2.30
11	6	Carlinville	0.84	1.01	1.26	1.50	1.84	2.18	2.56
11	6	Griggsville	0.82	0.99	1.24	1.45	1.78	2.07	2.41
11	6	Hillsboro	0.84	1.01	1.25	1.50	1.86	2.16	2.58
11	6	Jacksonville	0.82	0.98	1.24	1.47	1.84	2.14	2.50
11	6	Morrisonville	0.81	0.98	1.29	1.52	1.82	2.08	2.30
11	6	Pana	0.80	0.99	1.22	1.43	1.71	1.98	2.30
11	6	Springfield	0.81	0.98	1.26	1.51	1.84	2.08	2.35
11	6	White Hall	0.79	0.95	1.24	1.46	1.78	2.07	2.42
11	7	Charleston	0.85	1.00	1.27	1.48	1.85	2.17	2.53
11	7	Effingham	0.82	0.97	1.25	1.48	1.88	2.20	2.68
11	7	Palestine	0.81	1.01	1.27	1.49	1.76	2.06	2.46
11	7	Paris	0.86	1.02	1.29	1.51	1.84	2.12	2.41
11	7	Windsor	0.84	1.03	1.31	1.59	1.96	2.34	2.79
11	8	Belleville	0.88	1.10	1.40	1.66	2.09	2.48	2.89
11	8	DuQuoin	0.90	1.09	1.34	1.52	1.84	2.12	2.38
11	8	Greenville	0.85	1.04	1.30	1.52	1.85	2.17	2.61
11	8	Sparta	0.88	1.06	1.30	1.50	1.82	2.12	2.40
11	8	St Louis	0.90	1.08	1.37	1.66	2.03	2.40	2.79
11	9	Fairfield	0.82	1.04	1.40	1.73	2.23	2.72	3.33
11	9	Flora	0.84	1.06	1.43	1.79	2.33	2.89	3.42
11	9	McLeansboro	0.83	1.07	1.42	1.76	2.32	2.78	3.45
11	9	Mt Carmel	0.82	1.03	1.38	1.68	2.25	2.74	3.34
11	9	Mt Vernon	0.82	1.04	1.38	1.73	2.20	2.69	3.14
11	9	Olney	0.80	1.01	1.36	1.68	2.22	2.70	3.34
11	10	Anna	1.03	1.30	1.73	2.08	2.62	3.04	3.45
11	10	Cairo	1.08	1.36	1.75	2.12	2.61	3.02	3.54
11	10	Carbondale	0.97	1.24	1.62	1.99	2.44	2.92	3.43
11	10	Harrisburg	0.94	1.20	1.60	1.99	2.61	3.18	3.86
11	10	New Burnside	1.02	1.26	1.68	1.99	2.47	2.88	3.39

## Spring 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	0.57	0.71	0.92	1.11	1.37	1.60	1.88
12	1	Dixon	0.61	0.74	0.93	1.11	1.40	1.69	2.01
12	1	Freeport	0.58	0.72	0.92	1.11	1.41	1.73	2.08
12	1	Galva	0.58	0.71	0.91	1.08	1.35	1.59	1.88
12	1	Moline	0.57	0.71	0.92	1.11	1.37	1.60	1.84
12	1	Morrison	0.60	0.73	0.91	1.07	1.36	1.63	1.99
12	1	Mt Carroll	0.64	0.77	0.95	1.12	1.38	1.61	1.90
12	1	Rockford	0.60	0.72	0.91	1.09	1.37	1.57	1.84
12	1	Walnut	0.60	0.71	0.91	1.08	1.31	1.52	1.74
12	2	Aurora	0.59	0.72	0.91	1.10	1.43	1.71	1.99
12	2	Chicago	0.57	0.70	0.89	1.05	1.32	1.53	1.78
12	2	DeKalb	0.60	0.71	0.89	1.06	1.29	1.50	1.75
12	2	Joliet	0.62	0.74	0.95	1.13	1.43	1.70	2.00
12	2	Kankakee	0.66	0.78	0.99	1.17	1.47	1.72	2.05
12	2	Marengo	0.56	0.66	0.80	0.93	1.11	1.30	1.55
12	2	Ottawa	0.63	0.74	0.90	1.05	1.28	1.49	1.77
12	2	Waukegan	0.54	0.64	0.79	0.91	1.09	1.25	1.45
12	3	La Harpe	0.64	0.78	0.98	1.17	1.43	1.68	2.04
12	3	Monmouth	0.60	0.74	0.95	1.12	1.38	1.62	1.91
12	3	Quincy	0.66	0.79	0.99	1.15	1.40	1.61	1.85
12	4	Bloomington	0.63	0.77	1.01	1.21	1.50	1.73	1.98
12	4	Decatur	0.65	0.81	1.03	1.21	1.46	1.68	1.92
12	4	Havana	0.60	0.72	0.92	1.10	1.39	1.65	1.94
12	4	Lincoln	0.62	0.76	0.98	1.19	1.50	1.73	1.94
12	4	Minonk	0.59	0.72	0.92	1.12	1.40	1.67	1.94
12	4	Peoria	0.68	0.81	1.02	1.21	1.50	1.77	2.09
12	4	Rushville	0.63	0.74	0.92	1.10	1.35	1.58	1.82
12	5	Danville	0.61	0.76	1.04	1.25	1.52	1.72	1.98
12	5	Hoopeston	0.64	0.76	0.93	1.07	1.28	1.44	1.63
12	5	Pontiac	0.58	0.74	0.99	1.20	1.54	1.85	2.10
12	5	Roberts	0.62	0.75	0.94	1.12	1.43	1.73	2.09
12	5	Urbana	0.62	0.77	0.96	1.13	1.36	1.58	1.81
12	6	Carlinville	0.66	0.80	0.99	1.18	1.45	1.71	2.02
12	6	Griggsville	0.65	0.78	0.98	1.14	1.40	1.63	1.90
12	6	Hillsboro	0.66	0.79	0.99	1.18	1.46	1.70	2.03
12	6	Jacksonville	0.65	0.78	0.98	1.16	1.45	1.69	1.98
12	6	Morrisonville	0.64	0.77	1.01	1.20	1.43	1.63	1.81
12	6	Pana	0.63	0.78	0.96	1.12	1.35	1.56	1.81
12	6	Springfield	0.64	0.77	0.99	1.19	1.45	1.63	1.83
12	6	White Hall	0.63	0.75	0.98	1.16	1.41	1.64	1.91
12	7	Charleston	0.67	0.79	1.00	1.17	1.45	1.71	1.99
12	7	Effingham	0.64	0.77	0.99	1.16	1.48	1.74	2.11
12	7	Palestine	0.64	0.79	1.00	1.17	1.38	1.61	1.93
12	7	Paris	0.67	0.80	1.02	1.19	1.45	1.66	1.90
12	7	Windsor	0.66	0.82	1.04	1.26	1.56	1.86	2.21
12	8	Belleville	0.69	0.86	1.10	1.30	1.65	1.94	2.28
12	8	DuQuoin	0.71	0.86	1.05	1.20	1.45	1.67	1.87
12	8	Greenville	0.67	0.82	1.03	1.20	1.46	1.71	2.06
12	8	Sparta	0.69	0.83	1.02	1.19	1.43	1.67	1.88
12	8	St Louis	0.71	0.85	1.08	1.32	1.60	1.89	2.19
12	9	Fairfield	0.64	0.82	1.10	1.36	1.75	2.14	2.62
12	9	Flora	0.66	0.83	1.12	1.40	1.82	2.26	2.67
12	9	McLeansboro	0.65	0.85	1.12	1.39	1.82	2.19	2.71
12	9	Mt Carmel	0.64	0.81	1.09	1.33	1.77	2.16	2.63
12	9	Mt Vernon	0.65	0.82	1.09	1.37	1.74	2.12	2.48
12	9	Olney	0.63	0.79	1.07	1.33	1.75	2.12	2.63
12	10	Anna	0.81	1.03	1.36	1.64	2.06	2.39	2.72
12	10	Cairo	0.85	1.07	1.38	1.67	2.05	2.38	2.79
12	10	Carbondale	0.77	0.98	1.28	1.57	1.92	2.30	2.70
12	10	Harrisburg	0.75	0.95	1.26	1.57	2.05	2.50	3.05
12	10	New Burnside	0.80	0.99	1.32	1.57	1.95	2.28	2.67