

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

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

Fall 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	2.81	3.53	4.61	5.56	6.69	7.69	9.03
1	1	Dixon	2.60	3.31	4.40	5.41	6.80	7.96	9.63
1	1	Freeport	2.74	3.47	4.56	5.55	7.01	8.42	10.28
1	1	Galva	2.72	3.40	4.56	5.54	6.80	7.65	8.80
1	1	Moline	2.76	3.52	4.72	5.69	6.84	7.94	9.16
1	1	Morrison	2.75	3.40	4.54	5.50	6.80	7.99	9.68
1	1	Mt Carroll	2.81	3.47	4.63	5.60	6.76	7.71	8.90
1	1	Rockford	2.78	3.47	4.66	5.65	6.80	7.67	8.72
1	1	Walnut	2.78	3.43	4.56	5.59	6.84	7.70	8.81
1	2	Aurora	2.52	3.24	4.54	5.75	7.46	8.94	10.21
1	2	Chicago	2.33	2.96	3.95	4.87	6.21	7.51	8.97
1	2	DeKalb	2.68	3.39	4.47	5.36	6.55	7.54	8.73
1	2	Joliet	2.58	3.29	4.51	5.55	7.06	8.33	9.56
1	2	Kankakee	2.47	3.13	4.29	5.24	6.69	8.15	9.80
1	2	Marengo	2.42	3.06	4.05	4.87	5.92	6.90	8.12
1	2	Ottawa	2.52	3.19	4.25	5.19	6.55	7.75	8.85
1	2	Waukegan	2.46	3.11	4.13	5.02	6.22	7.14	7.91
1	3	La Harpe	2.92	3.73	5.04	6.31	8.07	9.68	11.94
1	3	Monmouth	2.69	3.46	4.69	5.94	7.85	9.45	10.82
1	3	Quincy	2.82	3.56	4.78	5.93	7.63	9.03	10.34
1	4	Bloomington	2.75	3.53	4.75	5.75	7.29	8.45	9.60
1	4	Decatur	2.83	3.68	5.00	6.19	7.73	8.73	9.96
1	4	Havana	2.57	3.23	4.35	5.36	6.84	8.01	9.40
1	4	Lincoln	2.63	3.33	4.53	5.52	6.95	7.96	9.41
1	4	Minonk	2.59	3.20	4.29	5.20	6.45	7.83	9.66
1	4	Peoria	2.67	3.33	4.45	5.46	7.01	8.23	9.69
1	4	Rushville	2.87	3.50	4.50	5.52	7.00	8.13	9.28
1	5	Danville	2.75	3.44	4.65	5.70	7.01	8.07	8.93
1	5	Hoopeston	2.86	3.44	4.45	5.48	6.96	8.16	9.48
1	5	Pontiac	2.58	3.24	4.41	5.49	6.89	8.07	9.38
1	5	Roberts	2.60	3.11	4.18	5.15	6.48	7.80	9.76
1	5	Urbana	2.68	3.28	4.31	5.23	6.36	7.16	8.06
1	6	Carlinville	2.95	3.60	4.83	5.90	7.56	9.02	10.77
1	6	Griggsville	2.82	3.58	4.91	6.02	7.60	8.67	10.01
1	6	Hillsboro	2.95	3.56	4.80	5.83	7.34	8.54	10.11
1	6	Jacksonville	2.87	3.57	4.79	5.84	7.39	8.89	10.21
1	6	Morrisonville	2.82	3.50	4.69	5.63	7.17	8.35	9.34
1	6	Pana	3.02	3.73	4.87	5.83	7.25	8.45	9.85
1	6	Springfield	2.75	3.37	4.53	5.55	7.25	8.62	9.78
1	6	White Hall	2.85	3.53	4.83	5.90	7.41	8.49	9.37
1	7	Charleston	2.93	3.53	4.51	5.37	6.71	7.62	8.59
1	7	Effingham	2.83	3.59	4.72	5.77	7.15	8.22	9.58
1	7	Palestine	3.00	3.62	4.47	5.36	6.61	7.55	8.82
1	7	Paris	2.88	3.58	4.65	5.67	7.17	8.30	9.37
1	7	Windsor	2.98	3.59	4.69	5.78	7.35	8.55	9.94
1	8	Belleville	3.02	3.60	4.55	5.47	6.85	8.39	10.60
1	8	DuQuoin	3.23	4.01	4.97	5.75	6.83	7.82	8.72
1	8	Greenville	2.94	3.61	4.50	5.20	6.44	7.58	8.89
1	8	Sparta	3.20	3.88	4.80	5.61	6.93	8.16	9.48
1	8	St Louis	2.99	3.64	4.64	5.56	6.88	8.47	10.34
1	9	Fairfield	2.95	3.65	4.82	5.88	7.33	8.65	10.23
1	9	Flora	2.92	3.59	4.69	5.62	7.09	8.48	10.06
1	9	McLeansboro	3.04	3.72	4.86	5.88	7.25	8.57	10.06
1	9	Mt Carmel	3.04	3.77	5.03	6.05	7.71	8.86	10.15
1	9	Mt Vernon	3.02	3.72	4.88	5.88	7.28	8.61	10.06
1	9	Olney	3.02	3.65	4.69	5.58	6.82	8.08	9.58
1	10	Anna	3.30	4.12	5.25	6.14	7.68	9.02	10.44
1	10	Cairo	3.07	3.88	5.12	6.04	7.75	9.43	10.88
1	10	Carbondale	2.98	3.84	5.05	5.96	7.45	8.69	9.83
1	10	Harrisburg	2.98	3.73	5.02	6.27	8.53	10.17	12.24
1	10	New Burnside	3.19	4.04	5.25	6.22	7.90	9.43	11.01

Fall 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	2.26	2.82	3.73	4.49	5.67	6.75	7.90
2	1	Dixon	2.26	2.83	3.76	4.55	5.83	7.03	8.47
2	1	Freeport	2.21	2.76	3.72	4.50	5.89	7.29	9.11
2	1	Galva	2.21	2.76	3.61	4.37	5.54	6.64	7.84
2	1	Moline	2.30	2.90	3.76	4.60	5.77	6.89	8.16
2	1	Morrison	2.23	2.77	3.66	4.41	5.62	6.77	8.16
2	1	Mt Carroll	2.28	2.83	3.67	4.42	5.57	6.65	7.92
2	1	Rockford	2.21	2.76	3.70	4.45	5.63	6.72	7.71
2	1	Walnut	2.26	2.84	3.69	4.45	5.62	6.64	7.78
2	2	Aurora	2.08	2.65	3.58	4.41	5.99	7.39	8.84
2	2	Chicago	2.04	2.58	3.45	4.26	5.51	6.66	7.78
2	2	DeKalb	2.24	2.74	3.56	4.26	5.38	6.45	7.55
2	2	Joliet	2.19	2.77	3.83	4.77	6.14	7.19	8.42
2	2	Kankakee	2.11	2.68	3.56	4.41	5.80	6.95	8.25
2	2	Marengo	2.05	2.51	3.29	4.01	5.01	6.02	7.04
2	2	Ottawa	2.23	2.73	3.59	4.42	5.67	6.66	7.75
2	2	Waukegan	2.02	2.49	3.23	3.91	5.02	5.90	6.76
2	3	La Harpe	2.42	3.04	4.11	5.14	6.72	8.16	10.02
2	3	Monmouth	2.27	2.90	3.97	4.89	6.37	7.61	9.03
2	3	Quincy	2.32	2.89	3.88	4.76	6.06	7.21	8.51
2	4	Bloomington	2.38	2.96	3.85	4.58	5.76	6.73	7.89
2	4	Decatur	2.49	3.11	4.08	4.97	6.12	7.11	8.17
2	4	Havana	2.14	2.65	3.45	4.26	5.51	6.61	7.94
2	4	Lincoln	2.19	2.77	3.59	4.34	5.54	6.47	7.61
2	4	Minonk	2.17	2.65	3.43	4.12	5.21	6.21	7.46
2	4	Peoria	2.24	2.82	3.63	4.42	5.81	7.00	8.09
2	4	Rushville	2.36	2.86	3.63	4.39	5.61	6.69	7.69
2	5	Danville	2.23	2.79	3.73	4.49	5.56	6.44	7.57
2	5	Hoopeston	2.23	2.75	3.51	4.16	5.16	5.96	6.90
2	5	Pontiac	2.15	2.75	3.69	4.45	5.69	6.72	7.92
2	5	Roberts	2.06	2.49	3.28	4.01	5.26	6.44	8.07
2	5	Urbana	2.15	2.64	3.57	3.97	4.91	5.74	6.72
2	6	Carlinville	2.32	2.88	3.79	4.69	6.24	7.59	9.18
2	6	Griggsville	2.21	2.78	3.66	4.52	5.73	6.91	8.02
2	6	Hillsboro	2.38	2.93	3.79	4.71	6.08	7.24	8.59
2	6	Jacksonville	2.24	2.81	3.71	4.63	5.96	7.22	8.50
2	6	Morrisonville	2.24	2.84	3.81	4.78	6.06	7.12	8.29
2	6	Pana	2.39	2.94	3.81	4.62	6.01	7.18	8.52
2	6	Springfield	2.17	2.74	3.61	4.43	5.65	6.71	8.00
2	6	White Hall	2.25	2.82	3.81	4.71	6.00	7.05	8.23
2	7	Charleston	2.38	2.84	3.64	4.31	5.46	6.44	7.66
2	7	Effingham	2.27	2.76	3.57	4.30	5.59	6.71	8.03
2	7	Palestine	2.51	3.02	3.83	4.52	5.54	6.54	7.72
2	7	Paris	2.39	2.95	3.81	4.61	5.84	6.85	7.85
2	7	Windsor	2.39	2.91	3.81	4.64	5.88	6.99	8.50
2	8	Belleville	2.25	2.76	3.64	4.44	5.86	7.12	8.78
2	8	DuQuoin	2.55	3.10	3.88	4.58	5.63	6.58	7.62
2	8	Greenville	2.31	2.77	3.54	4.24	5.38	6.41	7.57
2	8	Sparta	2.52	3.04	3.87	4.58	5.71	6.67	7.62
2	8	St Louis	2.27	2.76	3.64	4.42	5.79	7.14	8.74
2	9	Fairfield	2.43	3.04	3.98	4.81	6.16	7.46	9.21
2	9	Flora	2.32	2.89	3.80	4.67	6.03	7.45	8.75
2	9	McLeansboro	2.43	3.09	4.05	4.92	6.36	7.74	9.21
2	9	Mt Carmel	2.51	3.11	3.98	4.81	6.04	7.26	8.86
2	9	Mt Vernon	2.55	3.15	4.09	5.00	6.40	7.68	9.04
2	9	Olney	2.48	3.04	3.97	4.72	6.06	7.28	8.81
2	10	Anna	2.67	3.31	4.22	5.12	6.57	7.94	9.28
2	10	Cairo	2.55	3.13	4.15	5.05	6.54	8.01	9.68
2	10	Carbondale	2.54	3.15	4.12	4.95	6.48	7.75	8.95
2	10	Harrisburg	2.42	2.99	3.93	4.90	6.75	8.64	10.15
2	10	New Burnside	2.57	3.15	4.11	5.08	6.72	8.14	9.95

Fall 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	1.98	2.47	3.27	3.94	4.98	5.92	6.93
3	1	Dixon	1.98	2.48	3.30	3.99	5.11	6.16	7.43
3	1	Freeport	1.97	2.47	3.25	3.96	5.24	6.56	8.20
3	1	Galva	1.96	2.44	3.20	3.87	4.91	5.88	6.94
3	1	Moline	1.95	2.45	3.28	4.05	5.17	6.14	7.25
3	1	Morrison	1.99	2.47	3.27	3.94	5.02	6.05	7.29
3	1	Mt Carroll	2.04	2.54	3.29	3.96	4.99	5.96	7.10
3	1	Rockford	1.94	2.43	3.25	3.91	4.95	5.90	6.77
3	1	Walnut	2.01	2.53	3.28	3.96	5.00	5.91	6.92
3	2	Aurora	1.83	2.34	3.16	3.89	5.28	6.52	7.80
3	2	Chicago	1.73	2.19	2.93	3.62	4.68	5.66	6.61
3	2	DeKalb	1.96	2.39	3.11	3.72	4.70	5.63	6.59
3	2	Joliet	1.90	2.40	3.32	4.14	5.33	6.24	7.31
3	2	Kankakee	1.90	2.41	3.20	3.97	5.22	6.26	7.43
3	2	Marengo	1.74	2.13	2.80	3.41	4.26	5.12	5.99
3	2	Ottawa	1.95	2.38	3.14	3.86	4.95	5.82	6.77
3	2	Waukegan	1.76	2.17	2.81	3.40	4.37	5.13	5.88
3	3	La Harpe	2.17	2.72	3.68	4.60	6.01	7.30	8.97
3	3	Monmouth	2.02	2.58	3.53	4.35	5.67	6.77	8.03
3	3	Quincy	2.07	2.58	3.46	4.25	5.41	6.44	7.60
3	4	Bloomington	2.17	2.70	3.51	4.18	5.26	6.14	7.20
3	4	Decatur	2.23	2.79	3.66	4.46	5.49	6.38	7.33
3	4	Havana	1.85	2.29	2.98	3.68	4.76	5.71	6.86
3	4	Lincoln	1.98	2.51	3.25	3.93	5.02	5.86	6.89
3	4	Minonk	1.90	2.32	3.00	3.60	4.55	5.43	6.52
3	4	Peoria	2.05	2.58	3.32	4.04	5.31	6.40	7.39
3	4	Rushville	2.06	2.50	3.17	3.83	4.89	5.84	6.71
3	5	Danville	2.01	2.51	3.36	4.04	5.00	5.79	6.81
3	5	Hoopeston	1.98	2.44	3.11	3.69	4.58	5.29	6.12
3	5	Pontiac	1.92	2.45	3.29	3.97	5.08	6.00	7.07
3	5	Roberts	1.85	2.24	2.95	3.61	4.74	5.80	7.27
3	5	Urbana	1.94	2.38	3.04	3.58	4.43	5.18	6.06
3	6	Carlinville	2.08	2.58	3.39	4.20	5.59	6.80	8.22
3	6	Griggsville	1.97	2.47	3.26	4.02	5.10	6.15	7.13
3	6	Hillsboro	2.07	2.54	3.29	4.09	5.28	6.29	7.46
3	6	Jacksonville	2.00	2.51	3.32	4.14	5.33	6.46	7.60
3	6	Morrisonville	2.02	2.55	3.43	4.30	5.45	6.41	7.46
3	6	Pana	2.11	2.59	3.36	4.07	5.29	6.33	7.51
3	6	Springfield	1.98	2.50	3.29	4.04	5.15	6.12	7.30
3	6	White Hall	2.01	2.52	3.41	4.21	5.36	6.30	7.36
3	7	Charleston	2.20	2.63	3.37	3.99	5.05	5.96	7.09
3	7	Effingham	2.10	2.55	3.30	3.98	5.17	6.21	7.43
3	7	Palestine	2.31	2.78	3.52	4.16	5.10	6.02	7.11
3	7	Paris	2.15	2.65	3.42	4.14	5.24	6.15	7.05
3	7	Windsor	2.16	2.63	3.44	4.19	5.31	6.31	7.68
3	8	Belleville	2.08	2.55	3.36	4.10	5.41	6.57	8.11
3	8	DuQuoin	2.28	2.78	3.47	4.10	5.04	5.89	6.82
3	8	Greenville	2.12	2.55	3.26	3.90	4.95	5.90	6.96
3	8	Sparta	2.26	2.73	3.47	4.11	5.12	5.99	6.84
3	8	St Louis	2.12	2.57	3.39	4.12	5.40	6.66	8.15
3	9	Fairfield	2.24	2.73	3.63	4.44	5.65	6.64	8.30
3	9	Flora	2.09	2.65	3.54	4.38	5.67	7.04	8.36
3	9	McLeansboro	2.21	2.81	3.68	4.47	5.78	7.03	8.37
3	9	Mt Carmel	2.26	2.81	3.66	4.39	5.52	6.77	8.16
3	9	Mt Vernon	2.27	2.81	3.65	4.46	5.71	6.85	8.06
3	9	Olney	2.20	2.74	3.60	4.38	5.67	6.94	8.28
3	10	Anna	2.42	3.00	3.82	4.64	5.95	7.20	8.41
3	10	Cairo	2.31	2.83	3.76	4.57	5.92	7.25	8.76
3	10	Carbondale	2.29	2.80	3.62	4.47	5.75	6.87	8.01
3	10	Harrisburg	2.23	2.75	3.60	4.43	6.00	7.62	9.20
3	10	New Burnside	2.23	2.73	3.56	4.40	5.82	7.05	8.62

Fall 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	1.84	2.30	3.04	3.66	4.62	5.50	6.44
4	1	Dixon	1.82	2.28	3.02	3.66	4.69	5.65	6.81
4	1	Freeport	1.75	2.15	2.97	3.66	4.89	6.08	7.62
4	1	Galva	1.80	2.25	2.94	3.56	4.51	5.41	6.39
4	1	Moline	1.74	2.21	3.00	3.72	4.74	5.63	6.73
4	1	Morrison	1.81	2.25	2.97	3.58	4.56	5.50	6.62
4	1	Mt Carroll	1.87	2.32	3.01	3.63	4.57	5.46	6.50
4	1	Rockford	1.78	2.23	2.98	3.59	4.54	5.42	6.22
4	1	Walnut	1.85	2.32	3.02	3.64	4.60	5.43	6.36
4	2	Aurora	1.67	2.13	2.88	3.55	4.82	5.95	7.12
4	2	Chicago	1.59	2.00	2.68	3.31	4.28	5.17	6.05
4	2	DeKalb	1.79	2.19	2.85	3.41	4.31	5.16	6.04
4	2	Joliet	1.74	2.20	3.04	3.79	4.88	5.71	6.69
4	2	Kankakee	1.77	2.24	2.98	3.69	4.85	5.82	6.90
4	2	Marengo	1.53	1.88	2.46	3.00	3.75	4.50	5.27
4	2	Ottawa	1.72	2.10	2.76	3.40	4.36	5.12	5.96
4	2	Waukegan	1.56	1.92	2.49	3.01	3.86	4.54	5.20
4	3	La Harpe	1.99	2.50	3.37	4.22	5.52	6.70	8.23
4	3	Monmouth	1.86	2.38	3.26	4.01	5.22	6.24	7.40
4	3	Quincy	1.93	2.40	3.22	3.95	5.03	5.98	7.06
4	4	Bloomington	1.96	2.44	3.18	3.78	4.75	5.55	6.51
4	4	Decatur	2.00	2.50	3.28	3.99	4.91	5.71	6.56
4	4	Havana	1.68	2.08	2.70	3.34	4.32	5.18	6.23
4	4	Lincoln	1.77	2.24	2.90	3.51	4.48	5.23	6.15
4	4	Minonk	1.75	2.14	2.77	3.33	4.21	5.02	6.03
4	4	Peoria	1.85	2.33	3.00	3.65	4.80	5.78	6.68
4	4	Rushville	1.77	2.15	2.73	3.30	4.22	5.03	5.78
4	5	Danville	1.82	2.27	3.04	3.66	4.53	5.25	6.17
4	5	Hoopeston	1.79	2.21	2.82	3.34	4.14	4.79	5.54
4	5	Pontiac	1.72	2.20	2.95	3.56	4.55	5.38	6.34
4	5	Roberts	1.68	2.04	2.68	3.28	4.30	5.27	6.60
4	5	Urbana	1.74	2.13	2.72	3.21	3.97	4.64	5.43
4	6	Carlinville	1.86	2.30	3.03	3.75	4.99	6.07	7.34
4	6	Griggsville	1.80	2.27	2.99	3.69	4.68	5.64	6.55
4	6	Hillsboro	1.85	2.28	2.95	3.67	4.74	5.64	6.69
4	6	Jacksonville	1.79	2.25	2.96	3.70	4.76	5.77	6.79
4	6	Morrisonville	1.83	2.32	3.12	3.91	4.96	5.82	6.78
4	6	Pana	1.89	2.33	3.02	3.66	4.76	5.69	6.75
4	6	Springfield	1.82	2.30	3.03	3.72	4.74	5.63	6.72
4	6	White Hall	1.80	2.25	3.04	3.76	4.79	5.63	6.57
4	7	Charleston	2.02	2.41	3.09	3.66	4.64	5.47	6.50
4	7	Effingham	1.93	2.34	3.03	3.65	4.74	5.70	6.82
4	7	Palestine	2.12	2.55	3.23	3.81	4.67	5.51	6.51
4	7	Paris	1.94	2.39	3.09	3.74	4.74	5.56	6.37
4	7	Windsor	1.93	2.35	3.07	3.74	4.74	5.63	6.85
4	8	Belleville	1.96	2.40	3.16	3.86	5.09	6.19	7.63
4	8	DuQuoin	2.07	2.51	3.14	3.71	4.56	5.33	6.17
4	8	Greenville	1.92	2.30	2.94	3.52	4.47	5.32	6.28
4	8	Sparta	2.00	2.42	3.08	3.64	4.54	5.30	6.06
4	8	St Louis	1.94	2.35	3.10	3.77	4.94	6.09	7.45
4	9	Fairfield	2.02	2.50	3.31	4.01	5.02	6.10	7.51
4	9	Flora	1.92	2.39	3.20	4.02	5.26	6.52	7.65
4	9	McLeansboro	2.02	2.56	3.36	4.08	5.27	6.42	7.64
4	9	Mt Carmel	2.03	2.51	3.27	3.95	5.06	6.08	7.50
4	9	Mt Vernon	2.06	2.55	3.30	4.04	5.17	6.21	7.30
4	9	Olney	2.02	2.47	3.26	4.02	5.18	6.24	7.54
4	10	Anna	2.15	2.67	3.40	4.13	5.30	6.40	7.49
4	10	Cairo	2.16	2.65	3.52	4.28	5.54	6.79	8.20
4	10	Carbondale	2.07	2.52	3.27	3.98	5.09	6.04	7.24
4	10	Harrisburg	2.02	2.48	3.20	4.01	5.45	6.68	8.26
4	10	New Burnside	2.02	2.47	3.23	3.99	5.28	6.39	7.82

Fall 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	1.70	2.12	2.80	3.37	4.26	5.07	5.93
5	1	Dixon	1.70	2.13	2.83	3.42	4.38	5.28	6.37
5	1	Freeport	1.57	1.98	2.73	3.41	4.52	5.51	6.89
5	1	Galva	1.69	2.11	2.76	3.34	4.23	5.07	5.99
5	1	Moline	1.55	1.99	2.73	3.42	4.38	5.13	6.10
5	1	Morrison	1.67	2.07	2.74	3.30	4.21	5.07	6.11
5	1	Mt Carroll	1.75	2.17	2.81	3.39	4.27	5.10	6.07
5	1	Rockford	1.67	2.09	2.80	3.37	4.26	5.09	5.84
5	1	Walnut	1.70	2.13	2.77	3.34	4.22	4.98	5.84
5	2	Aurora	1.54	1.96	2.65	3.27	4.44	5.48	6.55
5	2	Chicago	1.48	1.88	2.51	3.10	4.01	4.85	5.66
5	2	DeKalb	1.65	2.01	2.62	3.13	3.95	4.74	5.55
5	2	Joliet	1.54	1.95	2.69	3.35	4.31	5.05	5.91
5	2	Kankakee	1.66	2.10	2.79	3.46	4.55	5.45	6.47
5	2	Marengo	1.36	1.67	2.19	2.67	3.34	4.01	4.69
5	2	Ottawa	1.56	1.91	2.52	3.10	3.98	4.67	5.44
5	2	Waukegan	1.40	1.73	2.24	2.71	3.48	4.09	4.69
5	3	La Harpe	1.80	2.26	3.05	3.82	4.99	6.06	7.45
5	3	Monmouth	1.72	2.20	3.01	3.71	4.83	5.77	6.85
5	3	Quincy	1.83	2.28	3.06	3.75	4.77	5.68	6.70
5	4	Bloomington	1.68	2.09	2.72	3.24	4.07	4.76	5.58
5	4	Decatur	1.62	2.03	2.66	3.24	3.99	4.64	5.33
5	4	Havana	1.47	1.82	2.37	2.93	3.79	4.55	5.46
5	4	Lincoln	1.59	2.02	2.61	3.16	4.03	4.71	5.54
5	4	Minonk	1.58	1.93	2.50	3.00	3.79	4.52	5.43
5	4	Peoria	1.63	2.05	2.64	3.22	4.23	5.10	5.89
5	4	Rushville	1.58	1.92	2.43	2.94	3.76	4.48	5.15
5	5	Danville	1.60	2.01	2.68	3.23	4.00	4.63	5.45
5	5	Hoopeston	1.48	1.82	2.33	2.76	3.42	3.95	4.58
5	5	Pontiac	1.49	1.90	2.55	3.08	3.94	4.65	5.48
5	5	Roberts	1.52	1.83	2.41	2.95	3.87	4.74	5.94
5	5	Urbana	1.59	1.96	2.50	2.94	3.64	4.25	4.98
5	6	Carlinville	1.68	2.08	2.74	3.39	4.51	5.49	6.64
5	6	Griggsville	1.60	2.01	2.65	3.27	4.15	5.00	5.80
5	6	Hillsboro	1.71	2.11	2.73	3.39	4.38	5.21	6.18
5	6	Jacksonville	1.60	2.01	2.65	3.31	4.26	5.16	6.08
5	6	Morrisonville	1.61	2.04	2.73	3.43	4.35	5.11	5.95
5	6	Pana	1.67	2.05	2.66	3.22	4.19	5.00	5.94
5	6	Springfield	1.67	2.10	2.77	3.40	4.34	5.15	6.14
5	6	White Hall	1.61	2.02	2.73	3.38	4.31	5.06	5.91
5	7	Charleston	1.84	2.19	2.81	3.33	4.22	4.98	5.92
5	7	Effingham	1.77	2.16	2.79	3.36	4.37	5.24	6.27
5	7	Palestine	1.85	2.23	2.83	3.34	4.09	4.83	5.70
5	7	Paris	1.76	2.18	2.81	3.40	4.31	5.05	5.79
5	7	Windsor	1.75	2.13	2.79	3.40	4.31	5.12	6.23
5	8	Belleville	1.78	2.18	2.88	3.51	4.63	5.63	6.94
5	8	DuQuoin	1.82	2.21	2.76	3.26	4.01	4.68	5.42
5	8	Greenville	1.74	2.08	2.66	3.19	4.05	4.82	5.70
5	8	Sparta	1.78	2.15	2.74	3.24	4.04	4.72	5.39
5	8	St Louis	1.77	2.15	2.83	3.44	4.51	5.56	6.80
5	9	Fairfield	1.86	2.28	2.93	3.62	4.60	5.50	6.74
5	9	Flora	1.79	2.24	2.96	3.66	4.81	5.95	6.99
5	9	McLeansboro	1.83	2.32	3.05	3.70	4.78	5.82	6.93
5	9	Mt Carmel	1.84	2.25	2.90	3.54	4.55	5.50	6.71
5	9	Mt Vernon	1.76	2.17	2.82	3.45	4.42	5.30	6.24
5	9	Olney	1.81	2.22	2.85	3.54	4.50	5.41	6.71
5	10	Anna	2.00	2.48	3.16	3.83	4.91	5.94	6.94
5	10	Cairo	1.97	2.42	3.21	3.91	5.06	6.20	7.49
5	10	Carbondale	1.90	2.32	2.98	3.67	4.66	5.54	6.37
5	10	Harrisburg	1.85	2.24	2.89	3.67	4.98	6.01	7.17
5	10	New Burnside	1.86	2.28	2.97	3.67	4.85	5.88	7.19

Fall 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	1.59	1.98	2.62	3.15	3.98	4.74	5.54
6	1	Dixon	1.56	1.96	2.60	3.15	4.04	4.87	5.86
6	1	Freeport	1.45	1.82	2.50	3.14	4.16	5.07	6.34
6	1	Galva	1.55	1.94	2.54	3.07	3.89	4.66	5.51
6	1	Moline	1.43	1.80	2.50	3.15	4.03	4.72	5.62
6	1	Morrison	1.54	1.91	2.52	3.04	3.87	4.67	5.63
6	1	Mt Carroll	1.64	2.04	2.64	3.18	4.01	4.78	5.70
6	1	Rockford	1.54	1.92	2.58	3.10	3.92	4.68	5.37
6	1	Walnut	1.56	1.96	2.55	3.07	3.88	4.58	5.37
6	2	Aurora	1.42	1.81	2.44	3.01	4.09	5.04	6.03
6	2	Chicago	1.36	1.73	2.31	2.85	3.69	4.46	5.20
6	2	DeKalb	1.51	1.85	2.41	2.88	3.64	4.36	5.10
6	2	Joliet	1.41	1.79	2.47	3.08	3.96	4.64	5.44
6	2	Kankakee	1.53	1.94	2.58	3.19	4.20	5.03	5.97
6	2	Marengo	1.26	1.54	2.02	2.46	3.07	3.69	4.32
6	2	Ottawa	1.44	1.76	2.31	2.85	3.66	4.29	5.00
6	2	Waukegan	1.27	1.56	2.02	2.45	3.15	3.70	4.24
6	3	La Harpe	1.66	2.09	2.82	3.53	4.62	5.60	6.88
6	3	Monmouth	1.58	2.02	2.77	3.41	4.44	5.31	6.30
6	3	Quincy	1.69	2.11	2.83	3.47	4.42	5.26	6.20
6	4	Bloomington	1.55	1.93	2.51	2.98	3.75	4.38	5.13
6	4	Decatur	1.49	1.86	2.45	2.98	3.67	4.26	4.90
6	4	Havana	1.35	1.67	2.18	2.69	3.48	4.17	5.01
6	4	Lincoln	1.46	1.85	2.40	2.90	3.70	4.32	5.09
6	4	Minonk	1.45	1.78	2.30	2.76	3.49	4.16	5.00
6	4	Peoria	1.50	1.89	2.43	2.96	3.89	4.69	5.42
6	4	Rushville	1.45	1.76	2.23	2.70	3.45	4.11	4.73
6	5	Danville	1.48	1.85	2.47	2.97	3.68	4.26	5.01
6	5	Hoopeston	1.36	1.67	2.13	2.53	3.14	3.62	4.20
6	5	Pontiac	1.37	1.76	2.35	2.84	3.63	4.29	5.05
6	5	Roberts	1.40	1.70	2.23	2.73	3.58	4.38	5.49
6	5	Urbana	1.46	1.80	2.29	2.70	3.34	3.90	4.57
6	6	Carlinville	1.54	1.92	2.52	3.12	4.15	5.05	6.11
6	6	Griggsville	1.47	1.85	2.44	3.01	3.82	4.60	5.34
6	6	Hillsboro	1.58	1.94	2.51	3.12	4.03	4.80	5.69
6	6	Jacksonville	1.48	1.85	2.44	3.05	3.93	4.76	5.60
6	6	Morrisonville	1.48	1.88	2.52	3.16	4.01	4.71	5.48
6	6	Pana	1.53	1.88	2.44	2.96	3.85	4.60	5.46
6	6	Springfield	1.53	1.93	2.54	3.12	3.98	4.73	5.63
6	6	White Hall	1.47	1.84	2.49	3.08	3.92	4.61	5.38
6	7	Charleston	1.69	2.02	2.58	3.06	3.88	4.57	5.44
6	7	Effingham	1.63	1.98	2.57	3.09	4.02	4.82	5.77
6	7	Palestine	1.71	2.06	2.61	3.08	3.78	4.46	5.26
6	7	Paris	1.62	2.00	2.58	3.12	3.95	4.64	5.31
6	7	Windsor	1.61	1.96	2.57	3.13	3.97	4.72	5.73
6	8	Belleville	1.64	2.01	2.66	3.24	4.28	5.20	6.41
6	8	DuQuoin	1.67	2.03	2.54	3.00	3.69	4.31	4.99
6	8	Greenville	1.61	1.93	2.47	2.96	3.76	4.47	5.28
6	8	Sparta	1.63	1.97	2.51	2.97	3.70	4.33	4.94
6	8	St Louis	1.63	1.98	2.61	3.17	4.15	5.12	6.27
6	9	Fairfield	1.71	2.09	2.70	3.33	4.23	5.06	6.20
6	9	Flora	1.65	2.06	2.72	3.37	4.42	5.47	6.45
6	9	McLeansboro	1.68	2.14	2.80	3.40	4.40	5.35	6.36
6	9	Mt Carmel	1.69	2.07	2.66	3.26	4.19	5.06	6.17
6	9	Mt Vernon	1.62	2.00	2.59	3.17	4.06	4.87	5.73
6	9	Olney	1.66	2.04	2.63	3.26	4.14	4.98	6.17
6	10	Anna	1.84	2.28	2.90	3.52	4.52	5.46	6.38
6	10	Cairo	1.82	2.23	2.96	3.60	4.66	5.71	6.90
6	10	Carbondale	1.75	2.13	2.74	3.38	4.29	5.09	5.86
6	10	Harrisburg	1.70	2.06	2.66	3.38	4.58	5.53	6.60
6	10	New Burnside	1.71	2.10	2.73	3.38	4.47	5.42	6.62

Fall 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	1.49	1.87	2.47	2.97	3.75	4.46	5.23
7	1	Dixon	1.48	1.85	2.45	2.97	3.81	4.59	5.53
7	1	Freeport	1.37	1.72	2.37	2.96	3.93	4.80	5.99
7	1	Galva	1.47	1.84	2.40	2.91	3.69	4.42	5.22
7	1	Moline	1.35	1.71	2.37	2.97	3.81	4.46	5.32
7	1	Morrison	1.45	1.80	2.38	2.87	3.66	4.41	5.31
7	1	Mt Carroll	1.55	1.93	2.50	3.01	3.79	4.53	5.39
7	1	Rockford	1.46	1.82	2.44	2.93	3.71	4.42	5.08
7	1	Walnut	1.48	1.86	2.41	2.91	3.68	4.34	5.09
7	2	Aurora	1.34	1.71	2.31	2.84	3.86	4.76	5.69
7	2	Chicago	1.29	1.64	2.19	2.70	3.49	4.22	4.93
7	2	DeKalb	1.44	1.76	2.28	2.73	3.45	4.13	4.84
7	2	Joliet	1.34	1.69	2.34	2.91	3.75	4.39	5.14
7	2	Kankakee	1.44	1.84	2.44	3.02	3.97	4.76	5.65
7	2	Marengo	1.19	1.46	1.91	2.33	2.91	3.50	4.09
7	2	Ottawa	1.36	1.67	2.19	2.70	3.46	4.07	4.73
7	2	Waukegan	1.20	1.48	1.92	2.32	2.98	3.50	4.01
7	3	La Harpe	1.57	1.98	2.67	3.34	4.37	5.30	6.51
7	3	Monmouth	1.50	1.92	2.62	3.23	4.21	5.03	5.96
7	3	Quincy	1.59	1.99	2.67	3.27	4.16	4.95	5.85
7	4	Bloomington	1.47	1.82	2.37	2.82	3.55	4.14	4.86
7	4	Decatur	1.41	1.76	2.32	2.82	3.47	4.03	4.64
7	4	Havana	1.28	1.59	2.07	2.55	3.30	3.96	4.75
7	4	Lincoln	1.38	1.75	2.27	2.74	3.50	4.08	4.80
7	4	Minonk	1.37	1.67	2.16	2.60	3.29	3.92	4.71
7	4	Peoria	1.42	1.79	2.30	2.80	3.68	4.43	5.12
7	4	Rushville	1.38	1.67	2.12	2.56	3.27	3.90	4.48
7	5	Danville	1.40	1.75	2.33	2.81	3.48	4.03	4.74
7	5	Hoopeston	1.29	1.59	2.03	2.40	2.98	3.44	3.98
7	5	Pontiac	1.29	1.66	2.22	2.68	3.43	4.05	4.77
7	5	Roberts	1.32	1.60	2.10	2.57	3.37	4.13	5.17
7	5	Urbana	1.39	1.70	2.17	2.56	3.17	3.70	4.33
7	6	Carlinville	1.46	1.81	2.38	2.95	3.92	4.77	5.77
7	6	Griggsville	1.39	1.75	2.30	2.84	3.60	4.34	5.04
7	6	Hillsboro	1.49	1.84	2.37	2.95	3.81	4.53	5.38
7	6	Jacksonville	1.39	1.75	2.31	2.88	3.71	4.49	5.29
7	6	Morrisonville	1.40	1.78	2.38	2.99	3.79	4.45	5.19
7	6	Pana	1.45	1.78	2.31	2.80	3.64	4.35	5.16
7	6	Springfield	1.45	1.83	2.41	2.96	3.78	4.48	5.35
7	6	White Hall	1.39	1.75	2.36	2.92	3.72	4.37	5.10
7	7	Charleston	1.60	1.91	2.45	2.90	3.67	4.33	5.15
7	7	Effingham	1.54	1.87	2.42	2.92	3.80	4.56	5.45
7	7	Palestine	1.62	1.94	2.47	2.91	3.57	4.21	4.97
7	7	Paris	1.53	1.89	2.45	2.96	3.75	4.40	5.04
7	7	Windsor	1.52	1.86	2.43	2.96	3.75	4.46	5.42
7	8	Belleville	1.55	1.90	2.51	3.06	4.04	4.91	6.05
7	8	DuQuoin	1.58	1.92	2.41	2.84	3.49	4.08	4.73
7	8	Greenville	1.53	1.84	2.35	2.81	3.57	4.25	5.02
7	8	Sparta	1.55	1.87	2.38	2.82	3.52	4.11	4.69
7	8	St Louis	1.54	1.87	2.47	3.00	3.93	4.85	5.93
7	9	Fairfield	1.62	1.98	2.56	3.16	4.00	4.79	5.87
7	9	Flora	1.56	1.95	2.57	3.20	4.19	5.17	6.11
7	9	McLeansboro	1.59	2.02	2.65	3.22	4.16	5.07	6.03
7	9	Mt Carmel	1.60	1.96	2.52	3.08	3.96	4.79	5.84
7	9	Mt Vernon	1.53	1.89	2.45	3.00	3.84	4.61	5.42
7	9	Olney	1.57	1.92	2.48	3.08	3.92	4.71	5.84
7	10	Anna	1.74	2.15	2.74	3.33	4.27	5.16	6.04
7	10	Cairo	1.72	2.11	2.79	3.40	4.40	5.39	6.52
7	10	Carbondale	1.65	2.02	2.59	3.20	4.06	4.82	5.54
7	10	Harrisburg	1.61	1.95	2.52	3.20	4.33	5.23	6.24
7	10	New Burnside	1.62	1.98	2.59	3.20	4.23	5.13	6.27

Fall 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	1.29	1.61	2.13	2.56	3.23	3.85	4.50
8	1	Dixon	1.27	1.59	2.12	2.56	3.28	3.96	4.77
8	1	Freeport	1.18	1.49	2.04	2.56	3.39	4.13	5.17
8	1	Galva	1.26	1.58	2.07	2.50	3.17	3.80	4.49
8	1	Moline	1.16	1.47	2.04	2.56	3.29	3.85	4.50
8	1	Morrison	1.25	1.55	2.05	2.47	3.15	3.79	4.57
8	1	Mt Carroll	1.34	1.66	2.15	2.59	3.26	3.90	4.64
8	1	Rockford	1.26	1.57	2.10	2.53	3.20	3.82	4.38
8	1	Walnut	1.27	1.60	2.07	2.50	3.16	3.73	4.37
8	2	Aurora	1.16	1.47	1.99	2.45	3.33	4.11	4.91
8	2	Chicago	1.12	1.41	1.89	2.33	3.01	3.64	4.26
8	2	DeKalb	1.24	1.51	1.96	2.35	2.97	3.56	4.16
8	2	Joliet	1.15	1.46	2.02	2.51	3.23	3.78	4.43
8	2	Kankakee	1.24	1.58	2.10	2.60	3.42	4.10	4.86
8	2	Marengo	1.02	1.25	1.64	2.00	2.50	3.00	3.51
8	2	Ottawa	1.18	1.44	1.89	2.33	2.99	3.51	4.09
8	2	Waukegan	1.04	1.28	1.66	2.01	2.58	3.03	3.48
8	3	La Harpe	1.36	1.71	2.31	2.89	3.78	4.59	5.63
8	3	Monmouth	1.29	1.65	2.26	2.78	3.62	4.33	5.13
8	3	Quincy	1.37	1.71	2.30	2.82	3.59	4.27	5.04
8	4	Bloomington	1.26	1.57	2.04	2.43	3.06	3.57	4.19
8	4	Decatur	1.22	1.52	1.99	2.43	2.99	3.48	3.99
8	4	Havana	1.10	1.36	1.77	2.19	2.83	3.40	4.08
8	4	Lincoln	1.20	1.51	1.96	2.37	3.03	3.53	4.16
8	4	Minonk	1.17	1.43	1.86	2.23	2.82	3.36	4.04
8	4	Peoria	1.22	1.54	1.98	2.41	3.17	3.82	4.41
8	4	Rushville	1.18	1.43	1.82	2.20	2.81	3.35	3.85
8	5	Danville	1.20	1.50	2.01	2.42	3.00	3.47	4.08
8	5	Hoopeston	1.11	1.37	1.75	2.07	2.57	2.97	3.43
8	5	Pontiac	1.12	1.43	1.92	2.31	2.95	3.49	4.11
8	5	Roberts	1.15	1.38	1.82	2.23	2.93	3.58	4.49
8	5	Urbana	1.19	1.46	1.87	2.20	2.72	3.18	3.72
8	6	Carlinville	1.26	1.56	2.05	2.54	3.38	4.11	4.97
8	6	Griggsville	1.20	1.51	1.98	2.45	3.11	3.75	4.35
8	6	Hillsboro	1.28	1.58	2.04	2.54	3.28	3.90	4.63
8	6	Jacksonville	1.20	1.51	1.99	2.48	3.19	3.87	4.55
8	6	Morrisonville	1.21	1.53	2.06	2.58	3.27	3.84	4.47
8	6	Pana	1.25	1.53	1.99	2.41	3.14	3.75	4.44
8	6	Springfield	1.25	1.58	2.08	2.55	3.25	3.86	4.60
8	6	White Hall	1.20	1.50	2.03	2.51	3.20	3.76	4.39
8	7	Charleston	1.38	1.65	2.11	2.50	3.17	3.74	4.44
8	7	Effingham	1.33	1.61	2.08	2.51	3.26	3.92	4.69
8	7	Palestine	1.39	1.68	2.13	2.51	3.08	3.63	4.29
8	7	Paris	1.32	1.63	2.11	2.55	3.23	3.79	4.34
8	7	Windsor	1.31	1.60	2.09	2.55	3.23	3.84	4.67
8	8	Belleville	1.34	1.64	2.16	2.64	3.48	4.23	5.22
8	8	DuQuoin	1.36	1.66	2.08	2.45	3.01	3.52	4.08
8	8	Greenville	1.31	1.57	2.01	2.41	3.06	3.64	4.30
8	8	Sparta	1.33	1.60	2.04	2.41	3.00	3.51	4.01
8	8	St Louis	1.34	1.62	2.14	2.60	3.41	4.20	5.14
8	9	Fairfield	1.39	1.71	2.20	2.73	3.45	4.12	5.06
8	9	Flora	1.34	1.68	2.22	2.76	3.61	4.45	5.25
8	9	McLeansboro	1.37	1.74	2.28	2.77	3.58	4.36	5.19
8	9	Mt Carmel	1.38	1.69	2.18	2.66	3.41	4.12	5.03
8	9	Mt Vernon	1.32	1.63	2.12	2.59	3.32	3.98	4.68
8	9	Olney	1.35	1.66	2.14	2.66	3.38	4.06	5.03
8	10	Anna	1.50	1.86	2.37	2.87	3.68	4.45	5.20
8	10	Cairo	1.48	1.82	2.41	2.93	3.79	4.65	5.62
8	10	Carbondale	1.42	1.74	2.24	2.76	3.50	4.16	4.78
8	10	Harrisburg	1.38	1.68	2.17	2.76	3.74	4.51	5.38
8	10	New Burnside	1.40	1.71	2.23	2.76	3.65	4.42	5.41

Fall 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	1.10	1.38	1.82	2.19	2.77	3.29	3.85
9	1	Dixon	1.09	1.36	1.81	2.19	2.81	3.38	4.08
9	1	Freeport	1.01	1.27	1.75	2.18	2.90	3.53	4.41
9	1	Galva	1.08	1.35	1.76	2.13	2.70	3.24	3.82
9	1	Moline	0.99	1.25	1.75	2.19	2.80	3.28	3.84
9	1	Morrison	1.07	1.33	1.75	2.11	2.69	3.24	3.90
9	1	Mt Carroll	1.14	1.41	1.84	2.21	2.79	3.33	3.96
9	1	Rockford	1.07	1.33	1.79	2.15	2.72	3.25	3.73
9	1	Walnut	1.08	1.36	1.77	2.13	2.69	3.18	3.72
9	2	Aurora	0.99	1.26	1.70	2.09	2.84	3.50	4.19
9	2	Chicago	0.95	1.20	1.60	1.98	2.56	3.10	3.62
9	2	DeKalb	1.06	1.29	1.68	2.01	2.54	3.04	3.56
9	2	Joliet	0.98	1.24	1.72	2.14	2.75	3.23	3.78
9	2	Kankakee	1.06	1.34	1.78	2.21	2.91	3.48	4.13
9	2	Marengo	0.87	1.07	1.40	1.71	2.14	2.57	3.00
9	2	Ottawa	1.00	1.22	1.61	1.98	2.54	2.98	3.47
9	2	Waukegan	0.88	1.08	1.40	1.70	2.18	2.57	2.94
9	3	La Harpe	1.17	1.47	1.98	2.48	3.24	3.94	4.83
9	3	Monmouth	1.10	1.41	1.92	2.37	3.09	3.69	4.38
9	3	Quincy	1.16	1.45	1.95	2.39	3.04	3.62	4.27
9	4	Bloomington	1.08	1.34	1.74	2.07	2.60	3.04	3.57
9	4	Decatur	1.04	1.30	1.70	2.07	2.55	2.96	3.40
9	4	Havana	0.94	1.17	1.52	1.88	2.43	2.92	3.50
9	4	Lincoln	1.02	1.29	1.67	2.02	2.58	3.01	3.54
9	4	Minonk	1.00	1.22	1.58	1.90	2.40	2.86	3.44
9	4	Peoria	1.04	1.31	1.69	2.06	2.71	3.26	3.77
9	4	Rushville	1.01	1.22	1.55	1.88	2.40	2.86	3.29
9	4	Danville	1.03	1.29	1.72	2.07	2.56	2.97	3.49
9	5	Hoopeston	0.94	1.16	1.49	1.76	2.18	2.52	2.92
9	5	Pontiac	0.95	1.22	1.63	1.97	2.52	2.97	3.51
9	5	Roberts	0.98	1.18	1.55	1.90	2.49	3.05	3.82
9	5	Urbana	1.02	1.25	1.60	1.88	2.33	2.72	3.18
9	6	Carlinville	1.07	1.33	1.75	2.17	2.89	3.51	4.25
9	6	Griggsville	1.03	1.29	1.70	2.10	2.66	3.21	3.73
9	6	Hillsboro	1.10	1.35	1.75	2.17	2.80	3.34	3.96
9	6	Jacksonville	1.03	1.29	1.70	2.12	2.73	3.31	3.89
9	6	Morrisonville	1.03	1.31	1.75	2.20	2.79	3.28	3.82
9	6	Pana	1.07	1.31	1.70	2.06	2.68	3.20	3.80
9	6	Springfield	1.06	1.34	1.77	2.17	2.77	3.29	3.92
9	6	White Hall	1.02	1.28	1.73	2.14	2.73	3.20	3.74
9	7	Charleston	1.18	1.40	1.80	2.13	2.70	3.18	3.79
9	7	Effingham	1.13	1.37	1.78	2.14	2.78	3.34	4.00
9	7	Palestine	1.19	1.43	1.81	2.14	2.62	3.10	3.66
9	7	Paris	1.13	1.39	1.79	2.17	2.75	3.22	3.70
9	7	Windsor	1.12	1.37	1.79	2.18	2.76	3.28	3.99
9	8	Belleville	1.14	1.40	1.84	2.25	2.97	3.61	4.45
9	8	DuQuoin	1.19	1.44	1.80	2.13	2.62	3.06	3.54
9	8	Greenville	1.12	1.35	1.72	2.06	2.61	3.11	3.68
9	8	Sparta	1.13	1.37	1.74	2.06	2.57	3.00	3.43
9	8	St Louis	1.15	1.39	1.84	2.23	2.92	3.60	4.41
9	9	Fairfield	1.19	1.46	1.88	2.34	2.94	3.52	4.32
9	9	Flora	1.15	1.43	1.89	2.37	3.08	3.80	4.50
9	9	McLeansboro	1.17	1.48	1.94	2.36	3.05	3.71	4.42
9	9	Mt Carmel	1.18	1.44	1.85	2.26	2.92	3.52	4.29
9	9	Mt Vernon	1.13	1.39	1.81	2.21	2.83	3.39	4.00
9	9	Olney	1.15	1.42	1.83	2.26	2.88	3.46	4.29
9	10	Anna	1.28	1.58	2.02	2.45	3.14	3.80	4.44
9	10	Cairo	1.27	1.56	2.06	2.51	3.25	3.98	4.81
9	10	Carbondale	1.22	1.48	1.91	2.35	2.99	3.55	4.08
9	10	Harrisburg	1.18	1.44	1.85	2.35	3.18	3.85	4.59
9	10	New Burnside	1.19	1.46	1.90	2.35	3.11	3.77	4.60

Fall 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	1.01	1.26	1.67	2.01	2.54	3.02	3.54
10	1	Dixon	1.00	1.25	1.66	2.01	2.58	3.11	3.74
10	1	Freeport	0.93	1.17	1.61	2.01	2.66	3.25	4.07
10	1	Galva	1.00	1.24	1.63	1.97	2.50	2.99	3.53
10	1	Moline	0.92	1.15	1.61	2.01	2.59	3.03	3.54
10	1	Morrison	0.99	1.22	1.62	1.95	2.49	2.99	3.61
10	1	Mt Carroll	1.05	1.31	1.69	2.04	2.57	3.07	3.66
10	1	Rockford	0.99	1.23	1.65	1.99	2.52	3.01	3.45
10	1	Walnut	1.00	1.26	1.63	1.97	2.49	2.94	3.44
10	2	Aurora	0.91	1.16	1.57	1.93	2.62	3.23	3.87
10	2	Chicago	0.88	1.11	1.48	1.83	2.37	2.86	3.34
10	2	DeKalb	0.97	1.19	1.55	1.85	2.34	2.80	3.28
10	2	Joliet	0.90	1.14	1.58	1.97	2.54	2.97	3.48
10	2	Kankakee	0.98	1.24	1.65	2.04	2.68	3.21	3.82
10	2	Marengo	0.80	0.98	1.29	1.57	1.96	2.36	2.76
10	2	Ottawa	0.92	1.13	1.49	1.83	2.35	2.76	3.21
10	2	Waukegan	0.81	1.00	1.30	1.57	2.02	2.37	2.71
10	3	La Harpe	1.07	1.34	1.82	2.27	2.97	3.60	4.43
10	3	Monmouth	1.02	1.30	1.78	2.19	2.85	3.41	4.04
10	3	Quincy	1.08	1.34	1.80	2.21	2.81	3.35	3.95
10	4	Bloomington	0.99	1.23	1.61	1.91	2.40	2.81	3.29
10	4	Decatur	0.96	1.20	1.57	1.91	2.35	2.73	3.14
10	4	Havana	0.87	1.08	1.40	1.73	2.24	2.68	3.22
10	4	Lincoln	0.94	1.19	1.54	1.86	2.37	2.77	3.26
10	4	Minonk	0.92	1.12	1.45	1.74	2.20	2.62	3.15
10	4	Peoria	0.96	1.21	1.56	1.90	2.50	3.01	3.48
10	4	Rushville	0.94	1.13	1.44	1.74	2.22	2.65	3.05
10	5	Danville	0.94	1.18	1.58	1.90	2.35	2.73	3.20
10	5	Hoopeston	0.87	1.07	1.37	1.62	2.01	2.32	2.69
10	5	Pontiac	0.88	1.12	1.51	1.82	2.33	2.75	3.24
10	5	Roberts	0.89	1.08	1.42	1.74	2.28	2.79	3.50
10	5	Urbana	0.94	1.16	1.48	1.74	2.15	2.52	2.95
10	6	Carlinville	0.99	1.23	1.62	2.00	2.66	3.24	3.91
10	6	Griggsville	0.94	1.19	1.56	1.93	2.45	2.95	3.42
10	6	Hillsboro	1.01	1.24	1.61	2.00	2.58	3.07	3.65
10	6	Jacksonville	0.94	1.18	1.56	1.95	2.51	3.04	3.58
10	6	Morrisonville	0.95	1.20	1.61	2.02	2.56	3.01	3.50
10	6	Pana	0.98	1.21	1.57	1.90	2.47	2.95	3.50
10	6	Springfield	0.98	1.24	1.63	2.00	2.55	3.03	3.61
10	6	White Hall	0.94	1.18	1.59	1.97	2.51	2.95	3.44
10	7	Charleston	1.08	1.29	1.66	1.96	2.48	2.93	3.48
10	7	Effingham	1.05	1.27	1.64	1.98	2.57	3.09	3.70
10	7	Palestine	1.10	1.32	1.68	1.98	2.43	2.86	3.38
10	7	Paris	1.04	1.29	1.66	2.01	2.55	2.99	3.42
10	7	Windsor	1.04	1.26	1.65	2.01	2.55	3.03	3.68
10	8	Belleville	1.05	1.29	1.71	2.08	2.75	3.34	4.11
10	8	DuQuoin	1.06	1.29	1.61	1.90	2.34	2.73	3.16
10	8	Greenville	1.04	1.24	1.59	1.90	2.41	2.87	3.39
10	8	Sparta	1.04	1.25	1.60	1.89	2.36	2.75	3.14
10	8	St Louis	1.06	1.29	1.70	2.06	2.70	3.33	4.07
10	9	Fairfield	1.09	1.34	1.73	2.16	2.71	3.25	3.98
10	9	Flora	1.06	1.32	1.74	2.19	2.84	3.50	4.13
10	9	McLeansboro	1.08	1.37	1.79	2.18	2.82	3.43	4.08
10	9	Mt Carmel	1.08	1.33	1.71	2.09	2.69	3.25	3.96
10	9	Mt Vernon	1.04	1.28	1.66	2.03	2.60	3.12	3.67
10	9	Olney	1.06	1.31	1.69	2.09	2.65	3.19	3.96
10	10	Anna	1.18	1.46	1.86	2.26	2.90	3.50	4.10
10	10	Cairo	1.16	1.43	1.89	2.30	2.98	3.65	4.41
10	10	Carbondale	1.12	1.37	1.76	2.17	2.75	3.27	3.76
10	10	Harrisburg	1.09	1.33	1.71	2.17	2.93	3.55	4.23
10	10	New Burnside	1.10	1.35	1.76	2.17	2.87	3.48	4.25

Fall 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	0.81	1.01	1.34	1.61	2.03	2.42	2.83
11	1	Dixon	0.80	1.00	1.33	1.61	2.06	2.49	3.00
11	1	Freeport	0.74	0.93	1.28	1.60	2.13	2.59	3.24
11	1	Galva	0.79	0.99	1.30	1.57	1.99	2.39	2.82
11	1	Moline	0.73	0.92	1.28	1.61	2.06	2.41	2.82
11	1	Morrison	0.78	0.97	1.29	1.55	1.98	2.38	2.87
11	1	Mt Carroll	0.84	1.04	1.35	1.62	2.04	2.44	2.90
11	1	Rockford	0.78	0.98	1.31	1.58	2.00	2.39	2.74
11	1	Walnut	0.80	1.00	1.30	1.57	1.98	2.34	2.74
11	2	Aurora	0.73	0.93	1.25	1.54	2.09	2.58	3.09
11	2	Chicago	0.70	0.88	1.18	1.46	1.89	2.28	2.67
11	2	DeKalb	0.77	0.95	1.23	1.47	1.86	2.23	2.61
11	2	Joliet	0.72	0.91	1.26	1.57	2.02	2.37	2.77
11	2	Kankakee	0.78	0.99	1.32	1.63	2.14	2.57	3.05
11	2	Marengo	0.64	0.79	1.03	1.26	1.57	1.89	2.21
11	2	Ottawa	0.74	0.90	1.19	1.46	1.87	2.20	2.56
11	2	Waukegan	0.65	0.80	1.04	1.26	1.62	1.90	2.18
11	3	La Harpe	0.86	1.08	1.46	1.82	2.38	2.89	3.55
11	3	Monmouth	0.81	1.03	1.41	1.74	2.27	2.71	3.21
11	3	Quincy	0.86	1.07	1.43	1.76	2.24	2.67	3.15
11	4	Bloomington	0.80	0.99	1.29	1.53	1.92	2.25	2.64
11	4	Decatur	0.77	0.96	1.26	1.53	1.88	2.19	2.52
11	4	Havana	0.69	0.85	1.11	1.37	1.77	2.13	2.55
11	4	Lincoln	0.75	0.94	1.22	1.48	1.89	2.21	2.60
11	4	Minonk	0.74	0.90	1.17	1.40	1.77	2.11	2.53
11	4	Peoria	0.77	0.96	1.24	1.51	1.98	2.39	2.76
11	4	Rushville	0.74	0.90	1.14	1.38	1.76	2.10	2.42
11	5	Danville	0.75	0.94	1.26	1.52	1.88	2.18	2.56
11	5	Hoopeston	0.69	0.85	1.09	1.29	1.60	1.85	2.14
11	5	Pontiac	0.70	0.90	1.20	1.45	1.85	2.19	2.58
11	5	Roberts	0.70	0.85	1.12	1.37	1.80	2.20	2.76
11	5	Urbana	0.75	0.92	1.17	1.38	1.71	2.00	2.34
11	6	Carlinville	0.79	0.98	1.28	1.59	2.12	2.57	3.11
11	6	Griggsville	0.75	0.94	1.24	1.53	1.94	2.34	2.71
11	6	Hillsboro	0.80	0.99	1.28	1.59	2.05	2.44	2.90
11	6	Jacksonville	0.75	0.95	1.25	1.56	2.01	2.43	2.86
11	6	Morrisonville	0.75	0.96	1.28	1.61	2.04	2.40	2.79
11	6	Pana	0.78	0.96	1.25	1.51	1.96	2.35	2.78
11	6	Springfield	0.78	0.99	1.30	1.60	2.04	2.42	2.89
11	6	White Hall	0.75	0.93	1.26	1.56	1.99	2.34	2.73
11	7	Charleston	0.87	1.03	1.33	1.57	1.99	2.35	2.79
11	7	Effingham	0.83	1.01	1.30	1.57	2.04	2.45	2.93
11	7	Palestine	0.87	1.05	1.33	1.57	1.92	2.27	2.68
11	7	Paris	0.83	1.02	1.32	1.60	2.03	2.38	2.72
11	7	Windsor	0.82	1.00	1.31	1.60	2.03	2.41	2.93
11	8	Belleville	0.84	1.03	1.36	1.66	2.19	2.66	3.28
11	8	DuQuoin	0.85	1.03	1.29	1.52	1.87	2.18	2.53
11	8	Greenville	0.83	0.99	1.27	1.52	1.93	2.30	2.71
11	8	Sparta	0.83	1.00	1.27	1.50	1.87	2.18	2.50
11	8	St Louis	0.85	1.04	1.37	1.66	2.17	2.68	3.28
11	9	Fairfield	0.88	1.07	1.38	1.74	2.16	2.58	3.16
11	9	Flora	0.84	1.05	1.39	1.76	2.26	2.79	3.29
11	9	McLeansboro	0.86	1.09	1.43	1.74	2.25	2.74	3.26
11	9	Mt Carmel	0.87	1.06	1.37	1.66	2.14	2.58	3.16
11	9	Mt Vernon	0.83	1.02	1.33	1.62	2.07	2.49	2.93
11	9	Olney	0.85	1.04	1.34	1.66	2.12	2.54	3.16
11	10	Anna	0.94	1.16	1.48	1.80	2.31	2.79	3.26
11	10	Cairo	0.93	1.14	1.51	1.84	2.38	2.92	3.53
11	10	Carbondale	0.89	1.09	1.39	1.73	2.19	2.60	2.99
11	10	Harrisburg	0.86	1.05	1.36	1.73	2.34	2.83	3.37
11	10	New Burnside	0.88	1.07	1.40	1.73	2.29	2.77	3.39

Fall 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	0.63	0.79	1.05	1.26	1.59	1.89	2.22
12	1	Dixon	0.63	0.78	1.04	1.26	1.61	1.95	2.35
12	1	Freeport	0.58	0.73	1.01	1.26	1.67	2.04	2.55
12	1	Galva	0.62	0.78	1.02	1.23	1.56	1.87	2.21
12	1	Moline	0.57	0.72	1.01	1.26	1.62	1.90	2.22
12	1	Morrison	0.62	0.77	1.01	1.22	1.55	1.87	2.26
12	1	Mt Carroll	0.66	0.82	1.06	1.28	1.61	1.93	2.29
12	1	Rockford	0.62	0.78	1.04	1.25	1.58	1.89	2.17
12	1	Walnut	0.62	0.78	1.02	1.23	1.55	1.84	2.15
12	2	Aurora	0.57	0.73	0.98	1.21	1.64	2.03	2.43
12	2	Chicago	0.55	0.70	0.93	1.15	1.49	1.80	2.10
12	2	DeKalb	0.61	0.75	0.97	1.16	1.46	1.76	2.06
12	2	Joliet	0.57	0.72	1.00	1.24	1.60	1.87	2.19
12	2	Kankakee	0.61	0.78	1.03	1.28	1.68	2.02	2.39
12	2	Marengo	0.51	0.62	0.81	0.99	1.24	1.49	1.74
12	2	Ottawa	0.58	0.71	0.93	1.15	1.48	1.73	2.02
12	2	Waukegan	0.52	0.64	0.83	1.00	1.28	1.51	1.73
12	3	La Harpe	0.67	0.85	1.14	1.43	1.87	2.27	2.79
12	3	Monmouth	0.64	0.82	1.12	1.38	1.80	2.15	2.55
12	3	Quincy	0.69	0.86	1.15	1.41	1.80	2.14	2.52
12	4	Bloomington	0.62	0.78	1.01	1.20	1.51	1.76	2.07
12	4	Decatur	0.60	0.75	0.99	1.20	1.48	1.72	1.97
12	4	Havana	0.54	0.67	0.87	1.08	1.40	1.68	2.01
12	4	Lincoln	0.59	0.75	0.97	1.17	1.49	1.74	2.05
12	4	Minonk	0.58	0.71	0.92	1.11	1.40	1.67	2.01
12	4	Peoria	0.60	0.76	0.98	1.19	1.56	1.88	2.18
12	4	Rushville	0.58	0.70	0.89	1.08	1.38	1.65	1.89
12	5	Danville	0.60	0.75	1.00	1.20	1.49	1.72	2.02
12	5	Hoopeston	0.55	0.67	0.86	1.02	1.27	1.46	1.69
12	5	Pontiac	0.55	0.70	0.95	1.14	1.46	1.72	2.03
12	5	Roberts	0.55	0.67	0.88	1.08	1.42	1.73	2.17
12	5	Urbana	0.58	0.72	0.92	1.08	1.34	1.56	1.83
12	6	Carlinville	0.62	0.77	1.01	1.25	1.66	2.02	2.45
12	6	Griggsville	0.59	0.74	0.98	1.21	1.53	1.85	2.15
12	6	Hillsboro	0.63	0.78	1.01	1.25	1.61	1.92	2.28
12	6	Jacksonville	0.59	0.74	0.98	1.22	1.57	1.90	2.24
12	6	Morrisonville	0.60	0.75	1.01	1.27	1.61	1.89	2.20
12	6	Pana	0.62	0.76	0.98	1.19	1.55	1.85	2.19
12	6	Springfield	0.62	0.78	1.03	1.26	1.61	1.91	2.28
12	6	White Hall	0.58	0.73	0.99	1.22	1.55	1.83	2.13
12	7	Charleston	0.68	0.81	1.04	1.23	1.56	1.84	2.19
12	7	Effingham	0.64	0.78	1.01	1.22	1.59	1.90	2.28
12	7	Palestine	0.69	0.83	1.05	1.24	1.52	1.79	2.12
12	7	Paris	0.65	0.80	1.03	1.25	1.58	1.86	2.13
12	7	Windsor	0.65	0.79	1.03	1.26	1.60	1.90	2.31
12	8	Belleville	0.66	0.81	1.07	1.30	1.72	2.08	2.57
12	8	DuQuoin	0.67	0.81	1.02	1.20	1.48	1.72	2.00
12	8	Greenville	0.65	0.78	1.00	1.20	1.52	1.81	2.14
12	8	Sparta	0.65	0.79	1.01	1.19	1.48	1.73	1.98
12	8	St Louis	0.68	0.82	1.09	1.32	1.73	2.13	2.61
12	9	Fairfield	0.69	0.84	1.09	1.39	1.70	2.03	2.49
12	9	Flora	0.66	0.83	1.10	1.38	1.78	2.19	2.61
12	9	McLeansboro	0.68	0.86	1.13	1.37	1.77	2.16	2.56
12	9	Mt Carmel	0.68	0.83	1.07	1.31	1.68	2.03	2.49
12	9	Mt Vernon	0.65	0.81	1.05	1.28	1.64	1.97	2.31
12	9	Olney	0.66	0.82	1.06	1.31	1.67	2.00	2.49
12	10	Anna	0.74	0.92	1.17	1.42	1.82	2.20	2.57
12	10	Cairo	0.73	0.90	1.19	1.45	1.88	2.30	2.78
12	10	Carbondale	0.70	0.86	1.11	1.36	1.72	2.05	2.35
12	10	Harrisburg	0.68	0.83	1.07	1.36	1.84	2.23	2.66
12	10	New Burnside	0.69	0.84	1.10	1.36	1.80	2.18	2.66