

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

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

Winter 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	1.55	1.90	2.43	2.87	3.42	4.00	4.79
1	1	Dixon	1.44	1.76	2.20	2.67	3.44	4.17	5.10
1	1	Freeport	1.52	1.84	2.33	2.84	3.65	4.47	5.45
1	1	Galva	1.51	1.80	2.33	2.78	3.44	4.06	4.66
1	1	Moline	1.56	1.89	2.41	2.86	3.56	4.21	4.86
1	1	Morrison	1.53	1.80	2.29	2.77	3.44	4.21	5.13
1	1	Mt Carroll	1.56	1.84	2.31	2.77	3.42	4.04	4.76
1	1	Rockford	1.54	1.84	2.35	2.82	3.44	4.04	4.60
1	1	Walnut	1.54	1.82	2.33	2.81	3.46	4.09	4.82
1	2	Aurora	1.65	2.00	2.59	3.25	4.31	5.27	6.27
1	2	Chicago	1.48	1.82	2.34	2.86	3.62	4.40	5.30
1	2	DeKalb	1.68	2.01	2.58	3.10	3.85	4.50	5.17
1	2	Joliet	1.60	1.95	2.60	3.21	4.15	4.94	5.63
1	2	Kankakee	1.57	1.90	2.48	3.04	3.87	4.75	5.80
1	2	Marengo	1.54	1.82	2.34	2.82	3.48	4.06	4.71
1	2	Ottawa	1.60	1.90	2.46	3.01	3.85	4.63	5.33
1	2	Waukegan	1.55	1.87	2.38	2.93	3.65	4.22	4.79
1	3	La Harpe	1.77	2.16	2.81	3.36	4.38	5.26	6.62
1	3	Monmouth	1.63	2.00	2.61	3.17	4.07	5.04	6.00
1	3	Quincy	1.71	2.06	2.66	3.19	4.05	4.81	5.73
1	4	Bloomington	1.78	2.19	2.93	3.61	4.75	5.73	6.74
1	4	Decatur	1.80	2.25	3.14	3.89	5.03	5.92	7.00
1	4	Havana	1.66	2.01	2.68	3.34	4.45	5.43	6.60
1	4	Lincoln	1.70	2.07	2.79	3.44	4.52	5.39	6.61
1	4	Minonk	1.68	2.03	2.70	3.29	4.28	5.31	6.78
1	4	Peoria	1.66	2.01	2.68	3.34	4.58	5.58	6.80
1	4	Rushville	1.81	2.17	2.84	3.47	4.56	5.51	6.51
1	5	Danville	2.02	2.46	3.26	3.93	4.81	5.50	6.12
1	5	Hoopeston	1.95	2.32	3.03	3.74	4.73	5.56	6.49
1	5	Pontiac	1.82	2.25	3.00	3.72	4.67	5.50	6.43
1	5	Roberts	1.83	2.18	2.87	3.46	4.45	5.41	6.74
1	5	Urbana	1.96	2.34	3.00	3.58	4.31	4.88	5.52
1	6	Carlinville	2.00	2.40	3.05	3.71	4.80	5.84	7.22
1	6	Griggsville	1.91	2.35	3.09	3.78	4.83	5.65	6.71
1	6	Hillsboro	2.00	2.38	3.02	3.66	4.67	5.53	6.78
1	6	Jacksonville	1.94	2.35	3.04	3.68	4.69	5.72	6.71
1	6	Morrisonville	1.91	2.33	2.95	3.54	4.55	5.41	6.26
1	6	Pana	2.04	2.49	3.11	3.68	4.63	5.47	6.60
1	6	Springfield	1.85	2.23	2.89	3.49	4.54	5.54	6.55
1	6	White Hall	1.93	2.35	3.05	3.71	4.71	5.50	6.28
1	7	Charleston	2.32	2.87	3.65	4.38	5.35	6.06	6.87
1	7	Effingham	2.33	2.92	3.82	4.58	5.58	6.53	7.66
1	7	Palestine	2.42	2.94	3.62	4.31	5.16	6.01	7.06
1	7	Paris	2.24	2.87	3.76	4.68	5.78	6.60	7.49
1	7	Windsor	2.32	2.92	3.81	4.69	5.91	6.80	7.87
1	8	Belleville	2.22	2.70	3.63	4.54	5.88	7.22	9.17
1	8	DuQuoin	2.38	3.01	3.96	4.78	5.89	6.80	7.63
1	8	Greenville	2.22	2.78	3.67	4.41	5.47	6.60	7.78
1	8	Sparta	2.35	2.91	3.82	4.66	5.89	7.10	8.30
1	8	St Louis	2.19	2.73	3.70	4.62	5.92	7.37	9.05
1	9	Fairfield	2.79	3.48	4.42	5.44	6.56	7.35	8.43
1	9	Flora	2.76	3.40	4.27	5.20	6.34	7.21	8.28
1	9	McLeansboro	2.84	3.54	4.49	5.47	6.49	7.28	8.28
1	9	Mt Carmel	2.85	3.54	4.58	5.51	6.77	7.53	8.36
1	9	Mt Vernon	2.83	3.54	4.48	5.40	6.51	7.32	8.28
1	9	Olney	2.86	3.48	4.29	5.13	6.11	6.87	7.89
1	10	Anna	3.42	4.19	5.33	6.41	7.88	9.02	10.32
1	10	Cairo	3.17	3.94	5.19	6.30	7.96	9.43	10.75
1	10	Carbondale	3.13	4.00	5.23	6.30	7.64	8.69	9.72
1	10	Harrisburg	3.13	3.85	5.11	6.54	8.75	10.17	12.10
1	10	New Burnside	3.29	4.11	5.33	6.49	8.11	9.43	10.88

Winter 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	1.27	1.53	1.94	2.27	2.81	3.31	3.94
2	1	Dixon	1.23	1.48	1.91	2.27	2.87	3.43	4.09
2	1	Freeport	1.21	1.46	1.89	2.28	2.91	3.54	4.31
2	1	Galva	1.22	1.45	1.85	2.22	2.77	3.21	3.79
2	1	Moline	1.23	1.48	1.93	2.27	2.89	3.37	3.91
2	1	Morrison	1.28	1.53	1.91	2.27	2.87	3.43	4.20
2	1	Mt Carroll	1.29	1.55	1.94	2.30	2.85	3.32	3.98
2	1	Rockford	1.24	1.46	1.89	2.25	2.78	3.25	3.84
2	1	Walnut	1.28	1.53	1.94	2.29	2.85	3.37	4.02
2	2	Aurora	1.34	1.64	2.13	2.59	3.43	4.28	5.18
2	2	Chicago	1.27	1.56	2.01	2.44	3.09	3.75	4.44
2	2	DeKalb	1.37	1.63	2.13	2.54	3.13	3.71	4.37
2	2	Joliet	1.37	1.72	2.29	2.81	3.55	4.25	4.98
2	2	Kankakee	1.30	1.61	2.14	2.62	3.35	4.06	4.80
2	2	Marengo	1.26	1.51	1.95	2.35	2.95	3.52	4.08
2	2	Ottawa	1.35	1.63	2.10	2.57	3.25	3.87	4.53
2	2	Waukegan	1.23	1.47	1.88	2.26	2.86	3.34	3.87
2	3	La Harpe	1.40	1.73	2.29	2.82	3.61	4.46	5.68
2	3	Monmouth	1.34	1.67	2.16	2.67	3.52	4.35	5.39
2	3	Quincy	1.35	1.65	2.12	2.56	3.26	3.93	4.87
2	4	Bloomington	1.49	1.85	2.41	2.95	3.84	4.66	5.64
2	4	Decatur	1.52	1.92	2.55	3.20	4.13	5.00	5.91
2	4	Havana	1.33	1.63	2.16	2.73	3.67	4.55	5.66
2	4	Lincoln	1.41	1.71	2.24	2.80	3.69	4.49	5.48
2	4	Minonk	1.35	1.65	2.18	2.69	3.55	4.48	5.73
2	4	Peoria	1.39	1.72	2.29	2.88	3.92	4.87	5.93
2	4	Rushville	1.46	1.76	2.30	2.86	3.74	4.60	5.41
2	5	Danville	1.64	1.98	2.56	3.10	3.89	4.55	5.40
2	5	Hoopeston	1.57	1.91	2.38	2.87	3.60	4.25	4.99
2	5	Pontiac	1.51	1.91	2.50	3.07	3.97	4.84	5.77
2	5	Roberts	1.47	1.75	2.27	2.77	3.68	4.59	5.76
2	5	Urbana	1.53	1.86	2.33	2.78	3.47	4.13	4.90
2	6	Carlinville	1.57	1.93	2.46	3.00	3.91	4.73	5.76
2	6	Griggsville	1.57	1.91	2.39	2.90	3.65	4.38	5.08
2	6	Hillsboro	1.66	1.96	2.48	3.02	3.88	4.64	5.66
2	6	Jacksonville	1.56	1.93	2.47	2.98	3.82	4.50	5.32
2	6	Morrisonville	1.55	1.95	2.52	3.07	3.88	4.49	5.26
2	6	Pana	1.65	2.02	2.55	3.00	3.83	4.55	5.43
2	6	Springfield	1.53	1.86	2.35	2.83	3.57	4.30	5.14
2	6	White Hall	1.59	1.94	2.51	3.05	3.83	4.54	5.37
2	7	Charleston	1.96	2.32	2.94	3.49	4.29	5.10	5.95
2	7	Effingham	1.88	2.27	2.91	3.48	4.48	5.32	6.40
2	7	Palestine	1.98	2.40	3.02	3.60	4.35	5.04	5.98
2	7	Paris	1.90	2.37	3.05	3.78	4.76	5.37	5.91
2	7	Windsor	1.94	2.37	3.05	3.67	4.58	5.41	6.38
2	8	Belleville	1.80	2.26	3.00	3.80	5.07	6.09	7.49
2	8	DuQuoin	1.96	2.47	3.19	3.92	4.81	5.54	6.38
2	8	Greenville	1.79	2.23	2.91	3.63	4.74	5.64	6.70
2	8	Sparta	1.97	2.44	3.19	3.92	4.94	5.72	6.59
2	8	St Louis	1.82	2.25	3.00	3.75	5.00	6.05	7.37
2	9	Fairfield	2.21	2.70	3.58	4.22	5.03	5.65	6.34
2	9	Flora	2.20	2.65	3.42	4.10	5.02	5.64	6.16
2	9	McLeansboro	2.25	2.78	3.65	4.32	5.27	5.80	6.43
2	9	Mt Carmel	2.28	2.78	3.58	4.22	5.04	5.50	6.08
2	9	Mt Vernon	2.29	2.84	3.65	4.42	5.31	5.80	6.30
2	9	Olney	2.26	2.73	3.49	4.11	5.00	5.49	6.14
2	10	Anna	2.84	3.52	4.41	5.24	6.41	7.32	7.93
2	10	Cairo	2.74	3.37	4.24	5.17	6.48	7.43	8.28
2	10	Carbondale	2.74	3.35	4.31	5.17	6.48	7.47	8.28
2	10	Harrisburg	2.59	3.18	4.13	5.11	6.58	7.74	8.96
2	10	New Burnside	2.80	3.38	4.35	5.18	6.55	7.58	8.65

Winter 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	1.15	1.38	1.75	2.05	2.54	2.99	3.56
3	1	Dixon	1.09	1.31	1.69	2.01	2.54	3.04	3.62
3	1	Freeport	1.09	1.32	1.71	2.06	2.63	3.20	3.89
3	1	Galva	1.10	1.31	1.68	2.01	2.51	2.91	3.43
3	1	Moline	1.11	1.33	1.73	2.04	2.60	3.03	3.51
3	1	Morrison	1.15	1.35	1.70	2.05	2.57	3.04	3.72
3	1	Mt Carroll	1.12	1.34	1.72	2.06	2.57	2.99	3.50
3	1	Rockford	1.13	1.35	1.70	2.04	2.53	2.92	3.38
3	1	Walnut	1.14	1.35	1.72	2.04	2.55	2.98	3.49
3	2	Aurora	1.17	1.44	1.87	2.37	3.16	3.92	4.80
3	2	Chicago	1.13	1.42	1.84	2.25	2.92	3.50	4.21
3	2	DeKalb	1.22	1.46	1.90	2.27	2.80	3.32	3.91
3	2	Joliet	1.27	1.60	2.10	2.58	3.34	4.01	4.69
3	2	Kankakee	1.18	1.46	1.94	2.38	3.04	3.69	4.36
3	2	Marengo	1.13	1.35	1.74	2.10	2.64	3.15	3.65
3	2	Ottawa	1.19	1.46	1.91	2.33	3.01	3.56	4.10
3	2	Waukegan	1.08	1.32	1.71	2.06	2.61	3.01	3.54
3	3	La Harpe	1.26	1.55	2.08	2.57	3.31	4.09	5.05
3	3	Monmouth	1.22	1.49	1.98	2.44	3.23	3.94	4.81
3	3	Quincy	1.23	1.50	1.97	2.38	3.06	3.62	4.37
3	4	Bloomington	1.34	1.67	2.17	2.66	3.46	4.20	5.09
3	4	Decatur	1.40	1.77	2.35	2.95	3.81	4.61	5.45
3	4	Havana	1.19	1.46	1.94	2.45	3.29	4.08	5.08
3	4	Lincoln	1.27	1.57	2.10	2.57	3.44	4.06	4.89
3	4	Minonk	1.24	1.52	1.99	2.45	3.26	3.99	4.97
3	4	Peoria	1.28	1.58	2.10	2.64	3.57	4.39	5.28
3	4	Rushville	1.31	1.58	2.07	2.58	3.35	4.04	4.81
3	4	Danville	1.47	1.77	2.29	2.77	3.48	4.07	4.83
3	5	Hoopeston	1.39	1.65	2.11	2.53	3.15	3.74	4.38
3	5	Pontiac	1.33	1.68	2.26	2.77	3.55	4.30	5.04
3	5	Roberts	1.31	1.57	2.03	2.49	3.31	4.09	5.08
3	5	Urbana	1.36	1.65	2.08	2.51	3.13	3.68	4.35
3	6	Carlinville	1.38	1.70	2.16	2.64	3.44	4.16	5.07
3	6	Griggsville	1.37	1.67	2.09	2.53	3.18	3.82	4.43
3	6	Hillsboro	1.45	1.72	2.17	2.58	3.28	3.92	4.73
3	6	Jacksonville	1.37	1.69	2.16	2.61	3.35	3.94	4.66
3	6	Morrisonville	1.37	1.69	2.27	2.76	3.45	3.98	4.65
3	6	Pana	1.44	1.76	2.22	2.61	3.33	3.96	4.72
3	6	Springfield	1.37	1.67	2.13	2.55	3.22	3.78	4.46
3	6	White Hall	1.44	1.72	2.20	2.65	3.34	3.92	4.57
3	7	Charleston	1.71	2.01	2.58	3.08	3.78	4.35	5.15
3	7	Effingham	1.66	2.00	2.50	3.00	3.83	4.52	5.47
3	7	Palestine	1.76	2.10	2.69	3.18	3.84	4.46	5.22
3	7	Paris	1.65	2.06	2.65	3.28	4.13	4.66	5.13
3	7	Windsor	1.70	2.07	2.67	3.21	4.01	4.73	5.58
3	8	Belleville	1.64	2.06	2.73	3.46	4.62	5.55	6.82
3	8	DuQuoin	1.73	2.18	2.82	3.46	4.25	4.89	5.63
3	8	Greenville	1.62	2.02	2.70	3.29	4.31	5.08	5.98
3	8	Sparta	1.75	2.15	2.85	3.48	4.45	5.05	5.81
3	8	St Louis	1.64	2.02	2.70	3.37	4.49	5.44	6.62
3	9	Fairfield	1.95	2.45	3.17	3.74	4.44	4.94	5.61
3	9	Flora	1.90	2.35	3.06	3.70	4.39	4.96	5.45
3	9	McLeansboro	1.96	2.45	3.17	3.82	4.44	4.93	5.55
3	9	Mt Carmel	2.06	2.49	3.21	3.75	4.27	4.73	5.29
3	9	Mt Vernon	2.00	2.47	3.19	3.87	4.57	4.98	5.47
3	9	Olney	2.00	2.42	3.11	3.70	4.39	4.92	5.34
3	10	Anna	2.55	3.04	3.93	4.64	5.65	6.51	7.34
3	10	Cairo	2.49	2.99	3.85	4.57	5.72	6.61	7.65
3	10	Carbondale	2.45	2.92	3.73	4.47	5.48	6.38	7.20
3	10	Harrisburg	2.25	2.76	3.58	4.43	5.70	6.71	7.77
3	10	New Burnside	2.52	2.99	3.69	4.40	5.48	6.44	7.58

Winter 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	1.05	1.27	1.61	1.88	2.33	2.74	3.26
4	1	Dixon	0.98	1.17	1.51	1.80	2.28	2.72	3.24
4	1	Freeport	1.00	1.21	1.57	1.89	2.41	2.93	3.57
4	1	Galva	1.02	1.21	1.54	1.85	2.31	2.67	3.16
4	1	Moline	1.01	1.21	1.58	1.86	2.37	2.76	3.20
4	1	Morrison	1.01	1.21	1.50	1.82	2.32	2.75	3.32
4	1	Mt Carroll	1.00	1.22	1.55	1.88	2.32	2.72	3.17
4	1	Rockford	1.02	1.24	1.55	1.87	2.31	2.68	3.08
4	1	Walnut	1.00	1.22	1.54	1.84	2.31	2.68	3.12
4	2	Aurora	1.02	1.28	1.72	2.15	2.81	3.45	4.17
4	2	Chicago	1.01	1.28	1.68	2.08	2.70	3.21	3.78
4	2	DeKalb	1.13	1.34	1.75	2.09	2.58	3.05	3.60
4	2	Joliet	1.09	1.36	1.87	2.28	2.93	3.55	4.21
4	2	Kankakee	1.10	1.36	1.81	2.21	2.83	3.42	4.05
4	2	Marengo	1.01	1.21	1.56	1.88	2.36	2.82	3.26
4	2	Ottawa	1.04	1.30	1.71	2.11	2.71	3.19	3.70
4	2	Waukegan	0.98	1.21	1.57	1.89	2.36	2.77	3.18
4	3	La Harpe	1.15	1.44	1.94	2.36	3.06	3.65	4.54
4	3	Monmouth	1.09	1.36	1.83	2.25	2.95	3.60	4.38
4	3	Quincy	1.10	1.37	1.78	2.16	2.82	3.34	3.92
4	4	Bloomington	1.23	1.53	1.99	2.44	3.18	3.85	4.66
4	4	Decatur	1.27	1.61	2.14	2.68	3.46	4.19	4.95
4	4	Havana	1.10	1.34	1.78	2.25	3.02	3.75	4.66
4	4	Lincoln	1.13	1.42	1.88	2.34	3.15	3.72	4.39
4	4	Minonk	1.07	1.31	1.78	2.21	2.93	3.62	4.38
4	4	Peoria	1.12	1.40	1.87	2.40	3.26	3.96	4.75
4	4	Rushville	1.12	1.38	1.81	2.22	2.92	3.53	4.28
4	5	Danville	1.29	1.56	2.01	2.44	3.06	3.58	4.25
4	5	Hoopeston	1.27	1.51	1.94	2.32	2.88	3.31	3.82
4	5	Pontiac	1.17	1.48	2.00	2.46	3.18	3.78	4.39
4	5	Roberts	1.13	1.37	1.81	2.22	2.95	3.66	4.50
4	5	Urbana	1.21	1.48	1.89	2.27	2.82	3.26	3.79
4	6	Carlinville	1.22	1.50	1.91	2.33	3.04	3.67	4.47
4	6	Griggsville	1.23	1.50	1.87	2.27	2.86	3.43	3.98
4	6	Hillsboro	1.31	1.55	1.96	2.31	2.87	3.36	4.01
4	6	Jacksonville	1.21	1.50	1.91	2.31	2.96	3.49	4.12
4	6	Morrisonville	1.24	1.53	2.03	2.46	3.02	3.49	4.04
4	6	Pana	1.25	1.53	1.93	2.27	2.90	3.44	4.11
4	6	Springfield	1.23	1.50	1.92	2.31	2.90	3.41	3.97
4	6	White Hall	1.28	1.56	2.00	2.39	3.01	3.51	4.05
4	7	Charleston	1.49	1.79	2.26	2.67	3.29	3.83	4.44
4	7	Effingham	1.47	1.74	2.23	2.69	3.40	4.06	4.76
4	7	Palestine	1.50	1.83	2.32	2.77	3.39	3.96	4.58
4	7	Paris	1.42	1.77	2.28	2.82	3.55	4.01	4.41
4	7	Windsor	1.52	1.86	2.39	2.88	3.59	4.25	5.01
4	8	Belleville	1.53	1.93	2.56	3.24	4.32	5.19	6.39
4	8	DuQuoin	1.54	1.94	2.51	3.08	3.78	4.35	5.01
4	8	Greenville	1.47	1.81	2.46	3.02	3.87	4.58	5.24
4	8	Sparta	1.52	1.91	2.50	3.08	3.91	4.51	5.10
4	8	St Louis	1.50	1.85	2.47	3.09	4.12	4.99	6.07
4	9	Fairfield	1.71	2.13	2.76	3.26	3.87	4.30	4.87
4	9	Flora	1.69	2.09	2.71	3.25	3.98	4.50	4.92
4	9	McLeansboro	1.74	2.18	2.81	3.41	4.01	4.41	4.92
4	9	Mt Carmel	1.83	2.21	2.84	3.31	3.88	4.25	4.72
4	9	Mt Vernon	1.75	2.20	2.82	3.34	3.97	4.32	4.76
4	9	Olney	1.72	2.11	2.70	3.25	3.92	4.36	4.74
4	10	Anna	2.24	2.67	3.54	4.19	5.05	5.81	6.48
4	10	Cairo	2.20	2.66	3.48	4.14	5.11	5.83	6.82
4	10	Carbondale	2.10	2.52	3.27	3.95	4.79	5.52	6.26
4	10	Harrisburg	1.98	2.43	3.15	3.90	5.02	5.91	6.84
4	10	New Burnside	2.22	2.66	3.34	3.98	4.94	5.68	6.71

Winter 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	0.92	1.11	1.40	1.64	2.03	2.39	2.85
5	1	Dixon	0.86	1.04	1.34	1.59	2.01	2.40	2.86
5	1	Freeport	0.90	1.08	1.40	1.69	2.16	2.62	3.19
5	1	Galva	0.88	1.05	1.33	1.60	2.00	2.31	2.73
5	1	Moline	0.89	1.07	1.39	1.64	2.09	2.43	2.82
5	1	Morrison	0.87	1.05	1.31	1.54	1.97	2.29	2.71
5	1	Mt Carroll	0.86	1.06	1.38	1.61	1.98	2.24	2.58
5	1	Rockford	0.85	1.04	1.34	1.57	1.98	2.27	2.58
5	1	Walnut	0.86	1.06	1.32	1.55	1.96	2.24	2.59
5	2	Aurora	0.89	1.12	1.49	1.90	2.48	2.96	3.53
5	2	Chicago	0.87	1.08	1.45	1.80	2.28	2.65	3.15
5	2	DeKalb	0.98	1.17	1.53	1.82	2.24	2.66	3.13
5	2	Joliet	0.91	1.15	1.55	1.94	2.48	2.94	3.56
5	2	Kankakee	1.00	1.24	1.64	2.01	2.57	3.11	3.68
5	2	Marengo	0.85	1.02	1.32	1.59	2.00	2.38	2.76
5	2	Ottawa	0.87	1.08	1.45	1.80	2.23	2.60	3.04
5	2	Waukegan	0.82	1.01	1.28	1.54	1.92	2.26	2.69
5	3	La Harpe	0.89	1.16	1.59	2.01	2.58	3.07	3.65
5	3	Monmouth	0.84	1.09	1.54	1.94	2.43	2.85	3.32
5	3	Quincy	0.90	1.16	1.63	2.00	2.46	2.75	3.12
5	4	Bloomington	1.06	1.31	1.71	2.09	2.72	3.30	4.00
5	4	Decatur	1.02	1.28	1.71	2.14	2.76	3.34	3.95
5	4	Havana	0.94	1.15	1.52	1.92	2.58	3.20	3.98
5	4	Lincoln	0.91	1.16	1.59	1.98	2.66	3.11	3.73
5	4	Minonk	0.91	1.13	1.52	1.89	2.47	3.00	3.73
5	4	Peoria	0.93	1.17	1.59	2.02	2.71	3.25	4.00
5	4	Rushville	0.96	1.17	1.52	1.85	2.40	2.85	3.51
5	5	Danville	1.12	1.35	1.75	2.12	2.66	3.11	3.69
5	5	Hoopeston	1.03	1.22	1.51	1.77	2.20	2.52	2.88
5	5	Pontiac	0.98	1.24	1.63	1.98	2.58	3.01	3.40
5	5	Roberts	0.96	1.16	1.51	1.86	2.38	2.88	3.42
5	5	Urbana	1.05	1.27	1.59	1.89	2.28	2.56	2.93
5	6	Carlinville	1.04	1.28	1.63	1.99	2.59	3.14	3.82
5	6	Griggsville	1.06	1.29	1.62	1.96	2.47	2.96	3.43
5	6	Hillsboro	1.18	1.37	1.68	1.93	2.34	2.78	3.25
5	6	Jacksonville	1.02	1.26	1.62	1.95	2.50	2.94	3.48
5	6	Morrisonville	1.06	1.29	1.66	1.96	2.39	2.80	3.15
5	6	Pana	1.03	1.26	1.59	1.87	2.39	2.84	3.38
5	6	Springfield	1.06	1.29	1.62	1.94	2.42	2.79	3.18
5	6	White Hall	1.09	1.31	1.62	1.93	2.31	2.73	3.15
5	7	Charleston	1.27	1.50	1.88	2.19	2.74	3.22	3.71
5	7	Effingham	1.22	1.46	1.85	2.21	2.80	3.28	3.93
5	7	Palestine	1.27	1.51	1.93	2.20	2.68	3.14	3.83
5	7	Paris	1.15	1.44	1.85	2.29	2.88	3.25	3.58
5	7	Windsor	1.21	1.48	1.90	2.29	2.86	3.38	3.98
5	8	Belleville	1.31	1.64	2.18	2.76	3.68	4.42	5.44
5	8	DuQuoin	1.33	1.67	2.16	2.65	3.25	3.75	4.31
5	8	Greenville	1.26	1.53	2.07	2.49	3.17	3.68	4.35
5	8	Sparta	1.22	1.51	2.09	2.54	3.13	3.59	4.15
5	8	St Louis	1.31	1.61	2.15	2.69	3.59	4.34	5.29
5	9	Fairfield	1.46	1.77	2.21	2.63	3.14	3.49	3.92
5	9	Flora	1.41	1.73	2.23	2.66	3.29	3.77	4.05
5	9	McLeansboro	1.47	1.79	2.24	2.69	3.20	3.54	4.03
5	9	Mt Carmel	1.45	1.74	2.18	2.64	3.11	3.49	3.90
5	9	Mt Vernon	1.45	1.73	2.18	2.51	2.93	3.20	3.47
5	9	Olney	1.42	1.72	2.15	2.58	3.08	3.43	3.90
5	10	Anna	1.79	2.14	2.75	3.25	4.03	4.61	4.99
5	10	Cairo	1.77	2.14	2.83	3.31	3.98	4.68	5.25
5	10	Carbondale	1.69	2.03	2.58	3.11	3.77	4.45	4.97
5	10	Harrisburg	1.58	1.94	2.51	3.11	4.00	4.71	5.45
5	10	New Burnside	1.75	2.04	2.60	3.11	3.84	4.55	5.35

Winter 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	0.83	1.00	1.27	1.49	1.84	2.17	2.59
6	1	Dixon	0.80	0.96	1.24	1.47	1.86	2.22	2.65
6	1	Freeport	0.80	0.97	1.25	1.51	1.93	2.34	2.85
6	1	Galva	0.80	0.95	1.22	1.46	1.82	2.11	2.49
6	1	Moline	0.81	0.97	1.27	1.49	1.90	2.21	2.57
6	1	Morrison	0.80	0.97	1.20	1.41	1.81	2.10	2.49
6	1	Mt Carroll	0.79	0.97	1.27	1.48	1.83	2.06	2.37
6	1	Rockford	0.77	0.96	1.23	1.44	1.83	2.09	2.37
6	1	Walnut	0.80	0.97	1.22	1.43	1.80	2.06	2.38
6	2	Aurora	0.81	1.03	1.38	1.74	2.28	2.72	3.25
6	2	Chicago	0.79	0.99	1.33	1.65	2.10	2.44	2.90
6	2	DeKalb	0.90	1.07	1.40	1.67	2.06	2.44	2.87
6	2	Joliet	0.84	1.06	1.42	1.78	2.28	2.71	3.27
6	2	Kankakee	0.92	1.14	1.51	1.85	2.37	2.87	3.39
6	2	Marengo	0.78	0.93	1.20	1.45	1.82	2.17	2.52
6	2	Ottawa	0.80	0.99	1.33	1.65	2.05	2.39	2.80
6	2	Waukegan	0.75	0.93	1.18	1.42	1.76	2.08	2.47
6	3	La Harpe	0.82	1.06	1.46	1.85	2.37	2.82	3.36
6	3	Monmouth	0.77	1.00	1.41	1.78	2.24	2.62	3.05
6	3	Quincy	0.83	1.07	1.50	1.86	2.26	2.53	2.87
6	4	Bloomington	0.96	1.19	1.55	1.90	2.47	3.00	3.63
6	4	Decatur	0.91	1.15	1.53	1.92	2.48	3.00	3.55
6	4	Havana	0.84	1.03	1.37	1.73	2.33	2.88	3.59
6	4	Lincoln	0.83	1.07	1.47	1.83	2.44	2.86	3.43
6	4	Minonk	0.84	1.05	1.40	1.73	2.28	2.76	3.43
6	4	Peoria	0.85	1.07	1.46	1.86	2.50	2.99	3.68
6	4	Rushville	0.88	1.08	1.39	1.70	2.21	2.62	3.23
6	5	Danville	1.03	1.24	1.60	1.94	2.43	2.85	3.38
6	5	Hoopeston	0.95	1.12	1.39	1.63	2.04	2.32	2.65
6	5	Pontiac	0.91	1.15	1.50	1.82	2.37	2.77	3.14
6	5	Roberts	0.88	1.07	1.39	1.71	2.19	2.65	3.15
6	5	Urbana	0.97	1.17	1.46	1.74	2.10	2.35	2.69
6	6	Carlinville	0.96	1.18	1.50	1.83	2.39	2.89	3.51
6	6	Griggsville	0.95	1.16	1.45	1.76	2.22	2.66	3.08
6	6	Hillsboro	1.08	1.26	1.55	1.78	2.15	2.56	2.99
6	6	Jacksonville	0.92	1.14	1.46	1.76	2.26	2.66	3.14
6	6	Morrisonville	0.98	1.18	1.53	1.80	2.20	2.57	2.90
6	6	Pana	0.95	1.16	1.46	1.72	2.20	2.61	3.11
6	6	Springfield	0.98	1.18	1.48	1.78	2.23	2.57	2.92
6	6	White Hall	1.00	1.21	1.49	1.75	2.13	2.51	2.89
6	7	Charleston	1.17	1.38	1.73	2.02	2.52	2.96	3.42
6	7	Effingham	1.12	1.35	1.70	2.03	2.58	3.02	3.61
6	7	Palestine	1.17	1.39	1.77	2.03	2.46	2.89	3.52
6	7	Paris	1.05	1.31	1.69	2.09	2.63	2.97	3.27
6	7	Windsor	1.10	1.35	1.74	2.09	2.61	3.08	3.63
6	8	Belleville	1.21	1.52	2.01	2.55	3.40	4.09	5.03
6	8	DuQuoin	1.20	1.51	1.94	2.39	2.93	3.38	3.89
6	8	Greenville	1.15	1.41	1.91	2.32	2.92	3.39	4.00
6	8	Sparta	1.13	1.39	1.92	2.32	2.88	3.30	3.82
6	8	St Louis	1.20	1.49	1.98	2.48	3.31	4.00	4.87
6	9	Fairfield	1.34	1.62	2.04	2.42	2.89	3.21	3.61
6	9	Flora	1.30	1.60	2.05	2.45	3.02	3.47	3.73
6	9	McLeansboro	1.36	1.64	2.06	2.48	2.95	3.26	3.71
6	9	Mt Carmel	1.33	1.61	2.01	2.41	2.86	3.21	3.59
6	9	Mt Vernon	1.33	1.59	2.01	2.31	2.70	2.95	3.19
6	9	Olney	1.30	1.58	1.98	2.37	2.83	3.16	3.59
6	10	Anna	1.64	1.97	2.53	2.98	3.71	4.24	4.60
6	10	Cairo	1.62	1.97	2.60	3.05	3.66	4.30	4.83
6	10	Carbondale	1.56	1.87	2.37	2.86	3.46	4.09	4.58
6	10	Harrisburg	1.45	1.78	2.31	2.86	3.68	4.33	5.01
6	10	New Burnside	1.61	1.88	2.39	2.86	3.53	4.19	4.90

Winter 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	0.77	0.93	1.18	1.38	1.71	2.01	2.40
7	1	Dixon	0.75	0.90	1.16	1.38	1.74	2.09	2.49
7	1	Freeport	0.73	0.88	1.14	1.38	1.76	2.14	2.61
7	1	Galva	0.74	0.88	1.13	1.35	1.68	1.95	2.30
7	1	Moline	0.75	0.90	1.17	1.38	1.76	2.05	2.38
7	1	Morrison	0.75	0.91	1.14	1.34	1.71	1.99	2.36
7	1	Mt Carroll	0.74	0.92	1.20	1.40	1.72	1.95	2.24
7	1	Rockford	0.73	0.91	1.17	1.36	1.72	1.97	2.24
7	1	Walnut	0.76	0.92	1.15	1.35	1.71	1.95	2.25
7	2	Aurora	0.77	0.98	1.30	1.65	2.15	2.57	3.07
7	2	Chicago	0.74	0.94	1.26	1.56	1.98	2.31	2.74
7	2	DeKalb	0.85	1.01	1.32	1.58	1.95	2.31	2.72
7	2	Joliet	0.79	1.00	1.35	1.69	2.15	2.56	3.10
7	2	Kankakee	0.87	1.08	1.43	1.75	2.24	2.71	3.21
7	2	Marengo	0.72	0.87	1.12	1.35	1.69	2.02	2.34
7	2	Ottawa	0.76	0.94	1.26	1.56	1.94	2.26	2.65
7	2	Waukegan	0.71	0.88	1.12	1.34	1.66	1.96	2.34
7	3	La Harpe	0.77	1.01	1.38	1.76	2.24	2.67	3.17
7	3	Monmouth	0.73	0.95	1.34	1.69	2.12	2.48	2.89
7	3	Quincy	0.79	1.01	1.41	1.75	2.14	2.39	2.72
7	4	Bloomington	0.89	1.11	1.45	1.77	2.30	2.80	3.38
7	4	Decatur	0.84	1.06	1.41	1.77	2.28	2.77	3.27
7	4	Havana	0.78	0.96	1.27	1.60	2.15	2.67	3.32
7	4	Lincoln	0.79	1.01	1.39	1.72	2.30	2.70	3.24
7	4	Minonk	0.78	0.99	1.33	1.64	2.15	2.61	3.24
7	4	Peoria	0.80	1.01	1.38	1.76	2.36	2.83	3.48
7	4	Rushville	0.83	1.02	1.32	1.61	2.09	2.48	3.06
7	5	Danville	0.95	1.15	1.49	1.80	2.26	2.64	3.14
7	5	Hoopeston	0.89	1.06	1.32	1.54	1.90	2.19	2.51
7	5	Pontiac	0.86	1.08	1.42	1.72	2.24	2.62	2.96
7	5	Roberts	0.83	1.01	1.32	1.62	2.07	2.50	2.98
7	5	Urbana	0.92	1.11	1.38	1.64	1.98	2.23	2.55
7	6	Carlinville	0.88	1.08	1.38	1.68	2.19	2.65	3.23
7	6	Griggsville	0.88	1.07	1.34	1.62	2.04	2.45	2.84
7	6	Hillsboro	1.02	1.19	1.46	1.68	2.03	2.42	2.83
7	6	Jacksonville	0.86	1.06	1.36	1.64	2.10	2.48	2.93
7	6	Morrisonville	0.92	1.12	1.45	1.70	2.08	2.43	2.74
7	6	Pana	0.87	1.07	1.35	1.59	2.03	2.41	2.88
7	6	Springfield	0.92	1.12	1.41	1.69	2.10	2.43	2.76
7	6	White Hall	0.94	1.14	1.41	1.66	2.01	2.37	2.74
7	7	Charleston	1.11	1.30	1.63	1.90	2.39	2.81	3.23
7	7	Effingham	1.06	1.27	1.61	1.92	2.44	2.85	3.42
7	7	Palestine	1.11	1.32	1.68	1.91	2.33	2.73	3.33
7	7	Paris	0.98	1.22	1.57	1.95	2.46	2.77	3.05
7	7	Windsor	1.03	1.26	1.62	1.95	2.43	2.87	3.39
7	8	Belleville	1.14	1.43	1.89	2.40	3.20	3.85	4.73
7	8	DuQuoin	1.11	1.40	1.81	2.22	2.72	3.14	3.61
7	8	Greenville	1.09	1.33	1.80	2.20	2.76	3.20	3.78
7	8	Sparta	1.06	1.32	1.81	2.20	2.73	3.12	3.61
7	8	St Louis	1.14	1.41	1.88	2.35	3.13	3.79	4.62
7	9	Fairfield	1.27	1.53	1.93	2.30	2.73	3.04	3.41
7	9	Flora	1.23	1.51	1.94	2.32	2.86	3.28	3.53
7	9	McLeansboro	1.28	1.56	1.95	2.34	2.79	3.08	3.51
7	9	Mt Carmel	1.26	1.52	1.90	2.24	2.71	3.04	3.39
7	9	Mt Vernon	1.26	1.50	1.90	2.18	2.55	2.79	3.03
7	9	Olney	1.23	1.49	1.87	2.24	2.68	2.98	3.39
7	10	Anna	1.55	1.86	2.39	2.82	3.51	4.02	4.35
7	10	Cairo	1.52	1.86	2.46	2.88	3.46	4.07	4.56
7	10	Carbondale	1.47	1.77	2.24	2.71	3.28	3.87	4.33
7	10	Harrisburg	1.37	1.69	2.19	2.71	3.49	4.10	4.75
7	10	New Burnside	1.53	1.77	2.26	2.71	3.35	3.96	4.64

Winter 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	0.67	0.80	1.02	1.19	1.47	1.74	2.07
8	1	Dixon	0.64	0.78	1.00	1.19	1.50	1.80	2.14
8	1	Freeport	0.63	0.76	0.99	1.19	1.52	1.85	2.25
8	1	Galva	0.64	0.76	0.98	1.17	1.46	1.69	2.00
8	1	Moline	0.64	0.78	1.01	1.19	1.52	1.77	2.05
8	1	Morrison	0.65	0.79	0.98	1.15	1.48	1.71	2.03
8	1	Mt Carroll	0.64	0.79	1.04	1.21	1.49	1.68	1.93
8	1	Rockford	0.63	0.78	1.01	1.18	1.49	1.70	1.93
8	1	Walnut	0.65	0.79	0.99	1.17	1.47	1.68	1.94
8	2	Aurora	0.65	0.84	1.12	1.42	1.86	2.22	2.65
8	2	Chicago	0.65	0.81	1.09	1.35	1.71	1.99	2.36
8	2	DeKalb	0.73	0.87	1.14	1.36	1.68	1.99	2.34
8	2	Joliet	0.68	0.86	1.16	1.46	1.86	2.21	2.67
8	2	Kankakee	0.75	0.93	1.23	1.51	1.93	2.34	2.77
8	2	Marengo	0.62	0.75	0.96	1.16	1.46	1.74	2.01
8	2	Ottawa	0.65	0.81	1.09	1.35	1.68	1.95	2.28
8	2	Waukegan	0.61	0.76	0.97	1.16	1.43	1.70	2.01
8	3	La Harpe	0.66	0.87	1.19	1.52	1.94	2.30	2.73
8	3	Monmouth	0.63	0.82	1.15	1.45	1.82	2.13	2.49
8	3	Quincy	0.66	0.87	1.22	1.51	1.84	2.06	2.35
8	4	Bloomington	0.77	0.96	1.25	1.53	1.99	2.42	2.93
8	4	Decatur	0.73	0.92	1.22	1.53	1.97	2.39	2.83
8	4	Havana	0.67	0.82	1.09	1.38	1.86	2.30	2.86
8	4	Lincoln	0.69	0.88	1.20	1.49	1.99	2.33	2.80
8	4	Minonk	0.67	0.85	1.14	1.40	1.86	2.25	2.80
8	4	Peoria	0.70	0.87	1.19	1.52	2.04	2.44	3.00
8	4	Rushville	0.72	0.88	1.14	1.39	1.80	2.14	2.64
8	4	Danville	0.83	1.00	1.29	1.56	1.96	2.29	2.72
8	5	Hoopeston	0.77	0.91	1.14	1.33	1.64	1.89	2.16
8	5	Pontiac	0.75	0.93	1.23	1.48	1.93	2.26	2.55
8	5	Roberts	0.72	0.87	1.14	1.41	1.79	2.16	2.57
8	5	Urbana	0.79	0.96	1.20	1.42	1.71	1.92	2.19
8	6	Carlinville	0.76	0.93	1.19	1.45	1.89	2.29	2.78
8	6	Griggsville	0.75	0.92	1.15	1.39	1.75	2.10	2.43
8	6	Hillsboro	0.88	1.03	1.26	1.45	1.75	2.09	2.43
8	6	Jacksonville	0.74	0.91	1.17	1.41	1.81	2.13	2.52
8	6	Morrisonville	0.80	0.97	1.25	1.47	1.80	2.10	2.36
8	6	Pana	0.75	0.92	1.16	1.37	1.75	2.08	2.48
8	6	Springfield	0.80	0.97	1.21	1.45	1.81	2.10	2.39
8	6	White Hall	0.81	0.98	1.21	1.43	1.73	2.05	2.36
8	7	Charleston	0.95	1.13	1.40	1.64	2.06	2.42	2.78
8	7	Effingham	0.92	1.10	1.38	1.65	2.10	2.46	2.95
8	7	Palestine	0.95	1.13	1.45	1.65	2.01	2.36	2.87
8	7	Paris	0.84	1.05	1.35	1.67	2.10	2.37	2.61
8	7	Windsor	0.89	1.08	1.40	1.68	2.10	2.48	2.92
8	8	Belleville	0.98	1.23	1.63	2.07	2.76	3.32	4.08
8	8	DuQuoin	0.96	1.21	1.56	1.92	2.36	2.71	3.12
8	8	Greenville	0.94	1.15	1.55	1.88	2.38	2.76	3.26
8	8	Sparta	0.92	1.13	1.57	1.88	2.35	2.69	3.11
8	8	St Louis	0.99	1.22	1.63	2.04	2.72	3.29	4.01
8	9	Fairfield	1.09	1.33	1.66	1.99	2.36	2.62	2.94
8	9	Flora	1.06	1.30	1.67	2.01	2.47	2.82	3.04
8	9	McLeansboro	1.11	1.34	1.68	2.02	2.40	2.66	3.03
8	9	Mt Carmel	1.08	1.31	1.64	1.93	2.33	2.62	2.92
8	9	Mt Vernon	1.08	1.30	1.64	1.88	2.20	2.40	2.61
8	9	Olney	1.06	1.29	1.61	1.93	2.31	2.57	2.92
8	10	Anna	1.34	1.60	2.06	2.43	3.02	3.46	3.74
8	10	Cairo	1.31	1.60	2.12	2.48	2.98	3.51	3.94
8	10	Carbondale	1.27	1.53	1.94	2.34	2.83	3.33	3.73
8	10	Harrisburg	1.19	1.46	1.89	2.34	3.01	3.54	4.10
8	10	New Burnside	1.32	1.53	1.95	2.34	2.88	3.41	3.94

Winter 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	0.57	0.69	0.87	1.02	1.26	1.49	1.77
9	1	Dixon	0.55	0.67	0.86	1.02	1.29	1.54	1.84
9	1	Freeport	0.54	0.65	0.85	1.02	1.30	1.58	1.93
9	1	Galva	0.54	0.65	0.83	0.99	1.24	1.43	1.69
9	1	Moline	0.55	0.67	0.87	1.02	1.30	1.51	1.76
9	1	Morrison	0.55	0.67	0.84	0.98	1.26	1.46	1.73
9	1	Mt Carroll	0.55	0.68	0.88	1.03	1.27	1.44	1.65
9	1	Rockford	0.54	0.67	0.86	1.00	1.27	1.45	1.65
9	1	Walnut	0.56	0.68	0.85	0.99	1.26	1.44	1.66
9	2	Aurora	0.55	0.72	0.96	1.21	1.59	1.89	2.26
9	2	Chicago	0.54	0.69	0.93	1.15	1.46	1.70	2.02
9	2	DeKalb	0.63	0.74	0.97	1.16	1.43	1.69	2.00
9	2	Joliet	0.58	0.74	0.99	1.24	1.59	1.88	2.28
9	2	Kankakee	0.64	0.79	1.05	1.28	1.64	1.98	2.35
9	2	Marengo	0.53	0.64	0.82	0.99	1.24	1.48	1.72
9	2	Uttawa	0.56	0.69	0.93	1.15	1.43	1.66	1.95
9	2	Waukegan	0.53	0.64	0.82	0.99	1.23	1.44	1.72
9	3	La Harpe	0.57	0.74	1.02	1.30	1.65	1.96	2.34
9	3	Monmouth	0.54	0.70	0.98	1.23	1.56	1.82	2.12
9	3	Quincy	0.56	0.74	1.04	1.27	1.57	1.76	2.00
9	4	Bloomington	0.66	0.82	1.06	1.30	1.69	2.05	2.49
9	4	Decatur	0.62	0.78	1.04	1.30	1.68	2.03	2.40
9	4	Havana	0.57	0.70	0.93	1.18	1.59	1.97	2.45
9	4	Lincoln	0.58	0.75	1.02	1.27	1.70	1.99	2.39
9	4	Minonk	0.57	0.73	0.97	1.19	1.58	1.92	2.39
9	4	Peoria	0.59	0.74	1.02	1.29	1.74	2.09	2.56
9	4	Rushville	0.61	0.76	0.97	1.18	1.54	1.83	2.25
9	5	Danville	0.70	0.85	1.10	1.33	1.67	1.95	2.32
9	5	Hoopeston	0.66	0.78	0.97	1.13	1.41	1.61	1.84
9	5	Pontiac	0.63	0.80	1.04	1.27	1.65	1.93	2.19
9	5	Roberts	0.61	0.75	0.97	1.20	1.52	1.84	2.19
9	5	Urbana	0.67	0.81	1.02	1.21	1.46	1.64	1.87
9	6	Carlinville	0.64	0.79	1.01	1.23	1.60	1.94	2.36
9	6	Griggsville	0.64	0.78	0.98	1.19	1.50	1.80	2.08
9	6	Hillsboro	0.75	0.88	1.07	1.23	1.50	1.78	2.08
9	6	Jacksonville	0.63	0.78	1.00	1.21	1.55	1.83	2.16
9	6	Morrisonville	0.68	0.82	1.07	1.25	1.53	1.79	2.01
9	6	Pana	0.64	0.79	0.99	1.17	1.49	1.77	2.12
9	6	Springfield	0.68	0.82	1.03	1.24	1.55	1.79	2.03
9	6	White Hall	0.70	0.84	1.03	1.22	1.48	1.75	2.01
9	7	Charleston	0.81	0.96	1.20	1.40	1.75	2.06	2.38
9	7	Effingham	0.78	0.94	1.18	1.40	1.79	2.10	2.51
9	7	Palestine	0.81	0.96	1.24	1.41	1.71	2.01	2.45
9	7	Paris	0.72	0.90	1.15	1.43	1.80	2.03	2.24
9	7	Windsor	0.76	0.92	1.19	1.43	1.78	2.11	2.49
9	8	Belleville	0.83	1.05	1.39	1.76	2.35	2.82	3.47
9	8	DuQuoin	0.83	1.05	1.36	1.67	2.05	2.36	2.72
9	8	Greenville	0.81	0.98	1.33	1.61	2.03	2.35	2.78
9	8	Sparta	0.78	0.97	1.34	1.61	2.01	2.30	2.66
9	8	St Louis	0.84	1.04	1.39	1.74	2.32	2.81	3.42
9	9	Fairfield	0.94	1.13	1.41	1.68	2.01	2.23	2.51
9	9	Flora	0.90	1.11	1.42	1.72	2.11	2.41	2.60
9	9	McLeansboro	0.95	1.15	1.44	1.72	2.05	2.27	2.58
9	9	Mt Carmel	0.92	1.12	1.40	1.65	1.99	2.23	2.49
9	9	Mt Vernon	0.92	1.11	1.40	1.61	1.88	2.05	2.22
9	9	Olney	0.91	1.10	1.38	1.65	1.97	2.19	2.49
9	10	Anna	1.14	1.37	1.76	2.07	2.58	2.95	3.19
9	10	Cairo	1.12	1.37	1.81	2.12	2.55	3.00	3.36
9	10	Carbondale	1.08	1.30	1.65	1.99	2.41	2.85	3.18
9	10	Harrisburg	1.01	1.24	1.61	1.99	2.56	3.01	3.49
9	10	New Burnside	1.12	1.31	1.66	1.99	2.46	2.91	3.32

Winter 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	0.53	0.63	0.80	0.94	1.16	1.37	1.63
10	1	Dixon	0.51	0.61	0.79	0.94	1.19	1.42	1.69
10	1	Freeport	0.50	0.60	0.78	0.94	1.20	1.46	1.78
10	1	Galva	0.51	0.60	0.77	0.92	1.15	1.33	1.57
10	1	Moline	0.51	0.61	0.80	0.94	1.20	1.40	1.62
10	1	Morrison	0.52	0.62	0.77	0.91	1.16	1.35	1.60
10	1	Mt Carroll	0.50	0.62	0.82	0.95	1.17	1.32	1.52
10	1	Rockford	0.49	0.62	0.79	0.92	1.17	1.34	1.52
10	1	Walnut	0.51	0.62	0.78	0.92	1.16	1.32	1.53
10	2	Aurora	0.51	0.66	0.88	1.12	1.46	1.75	2.08
10	2	Chicago	0.50	0.64	0.86	1.06	1.34	1.57	1.86
10	2	DeKalb	0.58	0.69	0.90	1.07	1.32	1.56	1.84
10	2	Joliet	0.54	0.68	0.92	1.14	1.46	1.73	2.10
10	2	Kankakee	0.59	0.73	0.96	1.18	1.51	1.83	2.16
10	2	Marengo	0.49	0.58	0.76	0.91	1.14	1.36	1.58
10	2	Ottawa	0.51	0.64	0.86	1.06	1.32	1.54	1.80
10	2	Waukegan	0.48	0.59	0.76	0.91	1.12	1.33	1.59
10	3	La Harpe	0.52	0.68	0.94	1.20	1.52	1.81	2.15
10	3	Monmouth	0.49	0.64	0.91	1.14	1.43	1.68	1.96
10	3	Quincy	0.51	0.69	0.96	1.18	1.45	1.62	1.85
10	4	Bloomington	0.61	0.75	0.98	1.20	1.56	1.90	2.29
10	4	Decatur	0.57	0.72	0.96	1.20	1.55	1.88	2.22
10	4	Havana	0.53	0.65	0.86	1.09	1.47	1.82	2.26
10	4	Lincoln	0.54	0.69	0.94	1.17	1.56	1.84	2.20
10	4	Minonk	0.53	0.67	0.90	1.10	1.47	1.77	2.20
10	4	Peoria	0.54	0.69	0.94	1.19	1.60	1.91	2.36
10	4	Rushville	0.57	0.71	0.90	1.09	1.42	1.68	2.07
10	5	Danville	0.65	0.78	1.01	1.22	1.53	1.79	2.13
10	5	Hoopeston	0.61	0.72	0.89	1.04	1.29	1.49	1.70
10	5	Pontiac	0.58	0.74	0.96	1.17	1.52	1.78	2.01
10	5	Roberts	0.56	0.69	0.89	1.10	1.41	1.70	2.02
10	5	Urbana	0.62	0.75	0.94	1.12	1.34	1.51	1.73
10	6	Carlinville	0.60	0.73	0.93	1.14	1.49	1.80	2.19
10	6	Griggsville	0.60	0.72	0.91	1.10	1.38	1.66	1.93
10	6	Hillsboro	0.69	0.81	0.99	1.14	1.38	1.64	1.91
10	6	Jacksonville	0.58	0.72	0.92	1.11	1.42	1.68	1.98
10	6	Morrisonville	0.63	0.76	0.98	1.15	1.41	1.65	1.86
10	6	Pana	0.59	0.73	0.92	1.08	1.38	1.64	1.95
10	6	Springfield	0.63	0.76	0.95	1.14	1.43	1.65	1.87
10	6	White Hall	0.64	0.77	0.95	1.12	1.37	1.61	1.86
10	7	Charleston	0.75	0.88	1.11	1.29	1.62	1.90	2.19
10	7	Effingham	0.72	0.86	1.09	1.30	1.65	1.93	2.32
10	7	Palestine	0.75	0.89	1.14	1.30	1.58	1.85	2.25
10	7	Paris	0.66	0.83	1.07	1.32	1.66	1.88	2.06
10	7	Windsor	0.70	0.85	1.10	1.32	1.65	1.95	2.29
10	8	Belleville	0.77	0.97	1.29	1.63	2.17	2.61	3.21
10	8	DuQuoin	0.75	0.94	1.21	1.49	1.83	2.11	2.43
10	8	Greenville	0.74	0.90	1.22	1.49	1.87	2.17	2.56
10	8	Sparta	0.72	0.89	1.23	1.48	1.85	2.12	2.45
10	8	St Louis	0.78	0.97	1.29	1.61	2.15	2.60	3.16
10	9	Fairfield	0.86	1.04	1.30	1.55	1.85	2.06	2.32
10	9	Flora	0.83	1.02	1.31	1.59	1.94	2.22	2.39
10	9	McLeansboro	0.87	1.07	1.33	1.58	1.89	2.09	2.38
10	9	Mt Carmel	0.85	1.03	1.29	1.52	1.84	2.06	2.30
10	9	Mt Vernon	0.85	1.02	1.29	1.48	1.73	1.89	2.05
10	9	Olney	0.84	1.01	1.27	1.52	1.81	2.02	2.30
10	10	Anna	1.06	1.26	1.62	1.92	2.38	2.72	2.94
10	10	Cairo	1.03	1.26	1.66	1.95	2.34	2.76	3.10
10	10	Carbondale	1.00	1.20	1.52	1.84	2.22	2.63	2.93
10	10	Harrisburg	0.93	1.15	1.49	1.84	2.37	2.79	3.23
10	10	New Burnside	1.03	1.20	1.53	1.84	2.27	2.68	3.13

Winter 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	0.42	0.51	0.64	0.75	0.93	1.09	1.30
11	1	Dixon	0.41	0.49	0.63	0.75	0.95	1.13	1.35
11	1	Freeport	0.39	0.47	0.61	0.74	0.94	1.15	1.40
11	1	Galva	0.40	0.48	0.61	0.73	0.91	1.06	1.25
11	1	Moline	0.41	0.49	0.64	0.75	0.95	1.11	1.29
11	1	Morrison	0.41	0.49	0.61	0.72	0.93	1.07	1.27
11	1	Mt Carroll	0.40	0.50	0.65	0.75	0.93	1.05	1.21
11	1	Rockford	0.40	0.49	0.63	0.74	0.93	1.07	1.21
11	1	Walnut	0.41	0.50	0.62	0.73	0.92	1.05	1.22
11	2	Aurora	0.40	0.53	0.70	0.89	1.16	1.39	1.66
11	2	Chicago	0.40	0.51	0.68	0.84	1.07	1.25	1.48
11	2	DeKalb	0.46	0.55	0.71	0.85	1.05	1.24	1.46
11	2	Joliet	0.43	0.54	0.73	0.91	1.16	1.38	1.67
11	2	Kankakee	0.47	0.58	0.77	0.94	1.20	1.46	1.72
11	2	Marengo	0.39	0.47	0.61	0.73	0.92	1.09	1.27
11	2	Ottawa	0.41	0.51	0.68	0.84	1.05	1.22	1.43
11	2	Waukegan	0.38	0.48	0.60	0.73	0.90	1.06	1.26
11	3	La Harpe	0.42	0.54	0.75	0.96	1.21	1.44	1.71
11	3	Monmouth	0.39	0.51	0.72	0.90	1.14	1.34	1.56
11	3	Quincy	0.41	0.54	0.76	0.93	1.16	1.29	1.47
11	4	Bloomington	0.48	0.60	0.78	0.96	1.25	1.52	1.84
11	4	Decatur	0.46	0.58	0.76	0.96	1.24	1.50	1.77
11	4	Havana	0.42	0.51	0.68	0.86	1.16	1.43	1.78
11	4	Lincoln	0.43	0.55	0.76	0.93	1.24	1.46	1.75
11	4	Minonk	0.42	0.53	0.72	0.88	1.17	1.41	1.75
11	4	Peoria	0.43	0.55	0.75	0.95	1.28	1.53	1.88
11	4	Rushville	0.45	0.55	0.71	0.87	1.13	1.34	1.65
11	5	Danville	0.52	0.63	0.81	0.98	1.23	1.44	1.71
11	5	Hoopeston	0.48	0.57	0.71	0.83	1.05	1.18	1.35
11	5	Pontiac	0.46	0.58	0.77	0.93	1.21	1.41	1.60
11	5	Roberts	0.45	0.55	0.71	0.88	1.12	1.35	1.61
11	5	Urbana	0.50	0.60	0.75	0.89	1.07	1.20	1.38
11	6	Carlinville	0.48	0.59	0.75	0.91	1.19	1.43	1.75
11	6	Griggsville	0.47	0.57	0.72	0.87	1.09	1.31	1.52
11	6	Hillsboro	0.55	0.66	0.79	0.91	1.10	1.31	1.53
11	6	Jacksonville	0.47	0.58	0.74	0.89	1.14	1.34	1.59
11	6	Morrisonville	0.50	0.60	0.78	0.92	1.13	1.32	1.47
11	6	Pana	0.47	0.58	0.73	0.86	1.10	1.30	1.56
11	6	Springfield	0.50	0.60	0.76	0.91	1.14	1.32	1.48
11	6	White Hall	0.51	0.62	0.76	0.89	1.09	1.28	1.48
11	7	Charleston	0.60	0.70	0.88	1.03	1.29	1.51	1.74
11	7	Effingham	0.57	0.69	0.87	1.03	1.32	1.54	1.85
11	7	Palestine	0.60	0.71	0.90	1.03	1.26	1.48	1.80
11	7	Paris	0.53	0.66	0.85	1.05	1.32	1.49	1.64
11	7	Windsor	0.56	0.68	0.87	1.05	1.31	1.55	1.83
11	8	Belleville	0.62	0.77	1.03	1.30	1.73	2.08	2.56
11	8	DuQuoin	0.60	0.75	0.97	1.19	1.46	1.68	1.94
11	8	Greenville	0.59	0.72	0.98	1.19	1.49	1.73	2.04
11	8	Sparta	0.57	0.71	0.98	1.18	1.47	1.68	1.95
11	8	St Louis	0.63	0.78	1.04	1.30	1.73	2.10	2.55
11	9	Fairfield	0.69	0.83	1.04	1.25	1.48	1.64	1.84
11	9	Flora	0.66	0.81	1.04	1.28	1.54	1.77	1.92
11	9	McLeansboro	0.69	0.85	1.06	1.27	1.51	1.66	1.89
11	9	Mt Carmel	0.68	0.82	1.03	1.21	1.46	1.64	1.84
11	9	Mt Vernon	0.68	0.81	1.03	1.18	1.38	1.51	1.63
11	9	Olney	0.67	0.81	1.01	1.21	1.45	1.61	1.84
11	10	Anna	0.84	1.00	1.29	1.53	1.90	2.17	2.35
11	10	Cairo	0.82	1.00	1.33	1.56	1.87	2.20	2.46
11	10	Carbondale	0.79	0.96	1.21	1.46	1.77	2.09	2.34
11	10	Harrisburg	0.74	0.91	1.18	1.46	1.88	2.21	2.56
11	10	New Burnside	0.82	0.96	1.22	1.46	1.81	2.14	2.48

Winter 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	0.33	0.40	0.50	0.59	0.73	0.86	1.02
12	1	Dixon	0.32	0.38	0.50	0.59	0.75	0.89	1.06
12	1	Freeport	0.31	0.38	0.49	0.59	0.75	0.92	1.12
12	1	Galva	0.31	0.37	0.48	0.57	0.71	0.82	0.97
12	1	Moline	0.32	0.38	0.50	0.59	0.75	0.88	1.02
12	1	Morrison	0.32	0.39	0.48	0.57	0.73	0.85	1.00
12	1	Mt Carroll	0.31	0.39	0.51	0.60	0.73	0.83	0.95
12	1	Rockford	0.30	0.39	0.50	0.58	0.73	0.84	0.95
12	1	Walnut	0.31	0.39	0.49	0.57	0.73	0.83	0.96
12	2	Aurora	0.31	0.41	0.55	0.70	0.91	1.09	1.31
12	2	Chicago	0.31	0.40	0.54	0.66	0.84	0.98	1.17
12	2	DeKalb	0.36	0.43	0.56	0.67	0.83	0.98	1.15
12	2	Joliet	0.33	0.42	0.57	0.72	0.91	1.09	1.31
12	2	Kankakee	0.37	0.45	0.60	0.74	0.95	1.15	1.36
12	2	Marengo	0.31	0.37	0.47	0.57	0.72	0.85	0.99
12	2	Ottawa	0.32	0.40	0.54	0.66	0.83	0.96	1.13
12	2	Waukegan	0.30	0.37	0.47	0.58	0.70	0.83	0.99
12	3	La Harpe	0.33	0.43	0.59	0.75	0.96	1.14	1.35
12	3	Monmouth	0.31	0.40	0.57	0.72	0.90	1.05	1.23
12	3	Quincy	0.32	0.43	0.60	0.75	0.91	1.02	1.16
12	4	Bloomington	0.38	0.47	0.61	0.75	0.98	1.18	1.43
12	4	Decatur	0.36	0.45	0.60	0.75	0.97	1.17	1.39
12	4	Havana	0.33	0.41	0.54	0.68	0.91	1.13	1.41
12	4	Lincoln	0.35	0.44	0.60	0.73	0.98	1.15	1.38
12	4	Minonk	0.33	0.42	0.56	0.70	0.92	1.11	1.38
12	4	Peoria	0.34	0.43	0.59	0.75	1.00	1.20	1.48
12	4	Rushville	0.36	0.43	0.56	0.68	0.89	1.05	1.30
12	5	Danville	0.41	0.49	0.64	0.77	0.97	1.13	1.34
12	5	Hoopeston	0.38	0.45	0.56	0.66	0.82	0.93	1.07
12	5	Pontiac	0.36	0.45	0.61	0.73	0.95	1.11	1.26
12	5	Roberts	0.35	0.43	0.56	0.69	0.88	1.06	1.27
12	5	Urbana	0.39	0.47	0.59	0.70	0.84	0.95	1.08
12	6	Carlinville	0.37	0.46	0.58	0.71	0.93	1.12	1.36
12	6	Griggsville	0.37	0.45	0.57	0.69	0.87	1.04	1.21
12	6	Hillsboro	0.44	0.52	0.62	0.71	0.87	1.03	1.20
12	6	Jacksonville	0.37	0.45	0.58	0.70	0.90	1.06	1.25
12	6	Morrisonville	0.39	0.47	0.62	0.72	0.89	1.03	1.16
12	6	Pana	0.37	0.46	0.58	0.68	0.87	1.03	1.23
12	6	Springfield	0.39	0.47	0.60	0.72	0.89	1.03	1.16
12	6	White Hall	0.40	0.48	0.59	0.70	0.86	1.01	1.17
12	7	Charleston	0.47	0.56	0.69	0.81	1.01	1.19	1.37
12	7	Effingham	0.45	0.54	0.69	0.81	1.04	1.21	1.45
12	7	Palestine	0.47	0.56	0.71	0.81	0.99	1.16	1.42
12	7	Paris	0.41	0.51	0.66	0.82	1.03	1.16	1.28
12	7	Windsor	0.44	0.54	0.69	0.83	1.04	1.22	1.44
12	8	Belleville	0.48	0.61	0.81	1.02	1.36	1.63	2.01
12	8	DuQuoin	0.47	0.59	0.76	0.94	1.15	1.33	1.53
12	8	Greenville	0.46	0.57	0.77	0.94	1.17	1.36	1.61
12	8	Sparta	0.45	0.56	0.77	0.93	1.16	1.33	1.53
12	8	St Louis	0.50	0.62	0.82	1.03	1.37	1.66	2.02
12	9	Fairfield	0.54	0.65	0.82	0.99	1.16	1.29	1.45
12	9	Flora	0.52	0.64	0.83	1.00	1.22	1.39	1.52
12	9	McLeansboro	0.54	0.68	0.83	1.00	1.18	1.31	1.49
12	9	Mt Carmel	0.53	0.64	0.81	0.95	1.15	1.29	1.45
12	9	Mt Vernon	0.53	0.64	0.81	0.93	1.09	1.19	1.28
12	9	Olney	0.52	0.63	0.80	0.95	1.14	1.27	1.45
12	10	Anna	0.66	0.79	1.01	1.20	1.49	1.71	1.85
12	10	Cairo	0.64	0.79	1.04	1.23	1.47	1.73	1.94
12	10	Carbondale	0.63	0.75	0.96	1.15	1.39	1.64	1.84
12	10	Harrisburg	0.58	0.72	0.93	1.15	1.48	1.74	2.02
12	10	New Burnside	0.65	0.75	0.96	1.15	1.42	1.68	1.92