

# ILLINOIS CLIMATE

## Probability of last spring freeze (32° or lower) after date shown by districts

Probability	NW	NE*	W	C	E	WSW	ESE	SW	SE
3 years in 4	Apr. 21	Apr. 19	Apr. 13	Apr. 16	Apr. 16	Apr. 10	Apr. 11	Apr. 2	Apr. 3
1 year in 2	Apr. 30	Apr. 28	Apr. 22	Apr. 25	Apr. 25	Apr. 19	Apr. 20	Apr. 11	Apr. 12
1 year in 4	May 9	May 7	May 1	May 4	May 4	Apr. 28	Apr. 29	Apr. 20	Apr. 21
1 year in 10	May 17	May 15	May 9	May 12	May 12	May 6	May 7	Apr. 28	Apr. 29
1 year in 20	May 22	May 20	May 14	May 17	May 17	May 11	May 12	May 3	May 4

\* Last spring freeze averages approximately ten days earlier in Cook County near Lake Michigan.

Source: Illinois State Water Survey.

## Probability of first fall freeze (32° or lower) before date shown by districts

Probability	NW	NE*	W	C	E	WSW	ESE	SW	SE
3 years in 4	Oct. 17	Oct. 18	Oct. 25	Oct. 26	Oct. 25	Oct. 28	Oct. 28	Nov. 3	Nov. 4
1 year in 2	Oct. 8	Oct. 9	Oct. 16	Oct. 17	Oct. 16	Oct. 19	Oct. 19	Oct. 25	Oct. 26
1 year in 4	Sep. 29	Sep. 30	Oct. 7	Oct. 8	Oct. 7	Oct. 10	Oct. 10	Oct. 16	Oct. 17
1 year in 10	Sep. 22	Sep. 23	Sep. 30	Oct. 1	Sep. 30	Oct. 3	Oct. 3	Oct. 9	Oct. 10
1 year in 20	Sep. 17	Sep. 18	Sep. 25	Sep. 26	Sep. 25	Sep. 28	Sep. 28	Oct. 4	Oct. 5

\* First fall freeze averages approximately ten days later in Cook County near Lake Michigan.

Source: Illinois State Water Survey.

## MONTHLY PRECIPITATION: Avg. number of inches and departures from long term means by districts, 1999

Month	NW		NE		W		C		E		WSW		ESE		SW		SE	
	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.	Prec.	Dep.
Jan.	2.95	1.62	3.77	2.20	2.85	1.40	3.08	1.51	4.00	2.35	2.40	0.73	6.76	4.73	6.33	3.97	7.03	4.34
Feb.	1.01	-0.13	1.10	-0.23	1.20	-0.21	1.62	0.11	2.14	0.51	2.83	0.96	4.54	2.33	3.65	0.86	3.06	0.01
March	1.27	-1.33	1.44	-1.24	1.18	-1.91	1.35	-1.73	1.69	-1.30	1.42	-1.96	1.71	-2.03	2.91	-1.42	3.41	-1.34
April	6.28	2.60	6.23	2.50	6.23	2.47	5.22	1.47	5.21	1.43	5.03	1.33	4.88	1.05	5.01	1.08	6.02	1.63
May	3.59	-0.29	4.00	0.36	3.40	-0.70	5.11	1.13	3.38	-0.62	2.89	-1.39	3.66	-0.57	3.38	-1.06	3.18	-1.71
June	5.48	1.30	6.18	2.13	4.37	0.39	5.45	1.63	5.13	1.28	3.97	0.25	5.81	2.00	5.45	1.71	4.65	0.79
July	3.32	-0.67	2.48	-1.50	2.51	-1.88	3.16	-0.79	2.88	-1.33	1.67	-2.24	3.14	-1.09	2.31	-1.54	3.99	-0.06
August	3.10	-0.98	2.94	-1.02	2.74	-1.00	3.50	0.05	3.21	-0.42	2.53	-0.84	2.42	-0.94	1.99	-1.52	0.89	-2.48
Sept.	4.14	0.27	3.58	-0.21	3.62	-0.66	2.01	-1.74	1.71	-1.70	1.73	-1.77	1.12	-2.03	0.82	-2.46	0.61	-2.47
Oct.	0.95	-1.80	1.05	-1.45	1.03	-1.98	1.43	-1.29	1.78	-0.86	2.05	-0.77	2.17	-0.69	2.23	-0.73	2.97	-0.04
Nov.	0.47	-2.02	0.47	-2.36	0.28	-2.35	0.30	-2.47	0.66	-2.25	0.65	-2.41	0.83	-2.67	0.54	-3.30	0.63	-3.38
Dec.	2.08	0.04	2.62	0.24	2.92	0.64	2.51	-0.17	2.38	-0.40	2.27	-0.68	2.93	-0.49	3.70	-0.07	4.05	0.00
Annual	34.64	-1.39	35.86	-0.58	32.33	-5.79	34.74	-2.29	34.17	-3.31	29.44	-8.79	39.97	-0.40	38.32	-4.48	40.49	-4.71

Source: National Weather Service.

## MONTHLY TEMPERATURES: Average temperature and departures from long term means by districts, 1999

Month	NW		NE		W		C		E		WSW		ESE		SW		SE	
	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.	Temp.	Dep.
Jan.	18.5	-0.7	20.0	-0.4	21.5	-1.7	22.2	-0.8	22.0	-1.0	25.8	-0.1	29.0	2.3	32.4	2.1	33.8	3.2
Feb.	33.5	9.5	33.7	8.5	36.3	8.3	35.5	7.9	34.9	7.6	38.6	8.2	38.7	7.5	42.6	7.9	41.9	6.9
March	34.7	-1.7	35.1	-1.6	37.7	-2.3	37.0	-2.8	36.2	-3.2	39.0	-3.1	39.8	-3.0	41.9	-3.8	41.8	-4.2
April	50.9	1.5	50.5	1.8	53.7	1.1	53.3	1.1	52.5	1.2	55.5	1.3	56.0	1.7	58.9	2.2	58.8	2.1
May	62.1	1.5	62.2	2.6	63.5	0.7	63.9	1.3	64.1	2.0	64.5	0.6	65.1	1.0	65.9	0.2	65.7	0.0
June	70.2	0.3	70.9	1.6	71.8	-0.2	72.1	0.2	71.8	0.3	72.6	-0.2	73.3	0.3	74.6	0.3	74.7	0.5
July	76.9	3.1	77.9	4.4	78.5	2.4	78.1	2.8	77.7	3.0	78.9	2.3	79.6	3.1	80.6	2.5	80.3	2.4
August	69.1	-2.3	70.0	-1.6	71.7	-1.7	71.0	-2.0	70.3	-2.0	72.7	-1.4	73.5	-0.8	75.2	-0.8	75.7	-0.3
Sept.	61.5	-2.3	63.1	-1.3	64.2	-2.1	64.4	-1.9	64.9	-1.1	65.8	-1.7	67.5	-0.4	68.6	-0.7	69.5	0.0
Oct.	51.4	-0.9	52.1	-0.8	54.7	-0.2	53.9	-0.6	52.9	-1.1	55.4	-0.6	56.3	0.2	58.2	0.2	58.3	0.4
Nov.	44.4	5.5	45.5	5.4	48.0	6.2	47.8	6.1	46.9	5.3	50.0	6.3	50.4	6.2	52.4	5.9	52.6	5.7
Dec.	27.0	2.2	28.8	2.3	31.0	2.8	31.3	3.0	30.5	2.0	34.3	3.3	35.2	3.3	38.3	3.4	38.3	2.9
Annual	50.0	1.3	50.8	1.7	52.7	1.1	52.5	1.2	52.1	1.1	54.4	1.2	55.4	1.8	57.5	1.6	57.6	1.6

Source: National Weather Service