



APPENDIX III • Temperature and Precipitation

2011 and Historical Monthly Weather Data¹ for DeKalb, Illinois.

Month	Mean temperature (°F)			Cumulative modified growing degree days (base 50°F, ceiling 86°F)			Total precipitation (in)		
	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference
April	46.1	49.0	-2.9	105	181	-76	4.41	3.35	+1.06
May	58.9	59.2	-0.3	457	531	-74	5.54	5.16	+0.38
June	69.9	69.4	+0.5	1,041	1,111	-70	4.71	4.46	+0.25
July	77.6	72.8	+4.7	1,870	1,810	+60	5.28	4.19	+1.09
August	72.0	71.2	+0.7	2,548	2,466	+82	5.29	4.36	+0.93
September	60.4	64.3	-3.9	2,900	2,924	-24	3.82	3.16	+0.66
October	53.0	51.7	+1.4	3,070	3,142	-72	1.28	2.78	-1.50

¹ Data were compiled by the Midwest Regional Climate Center.

2011 and Historical Monthly Weather Data¹ for Monmouth, Illinois.

Month	Mean temperature (°F)			Cumulative modified growing degree days (base 50°F, ceiling 86°F)			Total precipitation (in)		
	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference
April	49.1	51.3	-2.2	155	206	-51	2.61	4.66	-2.05
May	60.8	61.4	-0.6	557	608	-51	4.78	5.31	-0.53
June	69.9	70.5	-0.6	1,151	1,221	-70	6.01	4.95	+1.06
July	78.7	73.5	+5.2	2,004	1,936	+68	2.24	2.47	-0.23
August	73.5	72.4	+1.2	2,719	2,625	+94	0.32	3.68	-3.36
September	60.6	65.2	-4.7	3,104	3,113	-9	1.49	3.48	-1.99
October	55.6	53.0	+2.6	3,331	3,363	-32	0.86	2.54	-1.68

¹ Data were compiled by the Midwest Regional Climate Center.



2011 and Historical Monthly Weather Data¹ for Morrison, Illinois.

Month	Mean temperature (°F)			Cumulative modified growing degree days (base 50°F, ceiling 86°F)			Total precipitation (in)		
	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference
April	48.1	50.3	-2.2	153	212	-59	4.73	3.70	+1.03
May	59.2	60.5	-1.3	521	602	-81	5.40	4.45	+0.95
June	69.0	70.0	-1.1	1,087	1,196	-109	4.17	4.70	-0.53
July	76.6	73.5	+3.1	1,887	1,900	-13	7.29	3.96	+3.33
August	71.1	71.7	-0.5	2,542	2,562	-20	1.69	4.50	-2.81
September	59.7	64.2	-4.5	2,888	3,027	-139	3.72	2.92	+0.80
October	53.0	51.9	+1.2	3,051	3,270	-219	0.51	3.00	-2.49

¹ Data were compiled by the Midwest Regional Climate Center.

2011 and Historical Monthly Weather Data¹ for Perry, Illinois.

Month	Mean temperature (°F)			Cumulative modified growing degree days (base 50°F, ceiling 86°F)			Total precipitation (in)		
	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference
April	53.5	53.3	+0.2	236	257	-21	4.04	3.60	+0.44
May	62.1	63.2	-1.1	676	707	-31	4.84	4.05	+0.79
June	72.3	71.9	+0.4	1,331	1,354	-23	11.56	4.85	+6.71
July	80.4	75.6	+4.8	2,196	2,112	+84	1.32	3.74	-2.42
August	75.0	74.2	+0.8	2,927	2,832	+95	0.29	3.38	-3.09
September	64.1	66.4	-2.3	3,386	3,350	+36	1.05	3.62	-2.57
October	55.3	54.5	+0.9	3,596	3,639	-43	1.07	3.29	-2.22

¹ Data were compiled by the Midwest Regional Climate Center.



2011 and Historical Monthly Weather Data¹ for Urbana, Illinois.

Month	Mean temperature (°F)			Cumulative modified growing degree days (base 50°F, ceiling 86°F)			Total precipitation (in)		
	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference	2011	15-year average (1996–2010)	Difference
April	53.5	52.8	+0.7	231	241	-10	7.42	3.27	+4.15
May	61.9	62.7	-0.9	655	675	-20	4.93	4.63	+0.30
June	73.1	71.9	+1.1	1,331	1,322	+9	4.18	4.58	-0.40
July	80.8	74.7	+6.1	2,200	2,069	+131	1.58	4.62	-3.04
August	75.8	73.7	+2.1	2,961	2,790	+171	1.76	3.73	-1.97
September	64.1	67.2	-3.0	3,387	3,317	+70	2.73	3.20	-0.47
October	55.5	54.6	+1.0	3,609	3,588	+21	2.46	3.13	-0.67

¹ Data were compiled by the Midwest Regional Climate Center.