

Illinois Climate Network (ICN)  
 August 2001  
 Monthly Summary for DeKalb

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR WIND ø	TOTAL SOLAR RAD MJ/M*M	MAX AIR TEMP øF	MIN AIR TEMP øF	AVG AIR TEMP øF	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT øF	TOTAL PRECIP IN	TOTAL EVAP IN	MA 4" SO TE ø
1	28.4	6.9	188.8	21.99	89.0	69.1	78.3	99.9	71.5	75.2	0.31	0.20	85
2	14.4	3.8	229.5	13.68	84.1	69.2	74.5	100.0	74.4	73.0	0.04	0.12	83
3	10.4	3.2	4.8	21.75	86.1	62.3	75.2	100.0	55.5	71.4	0.00	0.20	85
4	9.2	2.2	14.2	26.97	87.7	59.9	73.0	100.0	39.9	65.7	0.00	0.25	86
5	13.0	4.1	190.8	26.02	86.2	56.8	72.9	99.8	62.7	68.7	0.00	0.24	86
6	12.0	5.0	224.4	24.85	88.0	62.0	75.0	99.8	60.8	70.3	0.00	0.23	86
7	14.8	5.4	251.0	25.17	91.4	65.7	79.2	99.6	58.4	74.1	0.00	0.24	87
8	14.5	5.2	231.1	25.10	89.5	70.4	79.0	99.7	51.2	73.4	0.00	0.24	88
9	32.5	6.5	228.7	23.31	91.0	68.2	78.6	100.0	59.8	73.9	0.28	0.22	88
10	18.9	8.2	4.3	27.02	75.9	54.7	66.9	97.5	45.7	58.3	0.00	0.23	83
11	12.1	3.5	2.0	24.45	79.8	52.4	65.1	99.3	45.4	57.9	0.00	0.21	81
12	11.8	4.0	246.9	25.56	82.1	51.2	67.8	98.4	50.7	60.6	0.00	0.23	82
13	18.0	7.3	9.9	23.50	76.6	50.0	66.0	99.5	44.9	58.6	0.00	0.20	81
14	11.1	2.8	338.5	25.45	77.8	46.5	62.1	98.2	39.6	52.5	0.00	0.21	81
15	11.2	4.0	145.9	9.13	70.3	53.6	63.3	99.2	66.2	59.0	0.20	0.08	74
16	19.0	6.5	260.7	11.21	70.8	57.7	63.9	97.9	73.6	61.9	0.55	0.09	72
17	16.8	5.3	251.7	22.85	76.9	53.6	65.1	99.3	51.2	59.2	0.00	0.19	76
18	19.1	4.7	214.0	10.72	72.8	54.8	61.5	99.8	70.3	60.1	0.37	0.09	73
19	26.3	8.7	348.5	19.53	74.1	55.3	63.7	99.8	59.4	59.5	0.00	0.16	72
20	12.0	3.2	312.5	24.36	78.8	50.6	64.0	99.1	45.2	57.4	0.00	0.21	76
21	25.1	8.2	146.4	16.41	77.4	49.5	65.7	99.2	62.0	61.2	0.00	0.14	72
22	18.0	7.2	182.1	15.90	85.3	64.3	71.8	99.7	71.9	69.8	0.00	0.14	76
23	13.8	4.2	77.4	12.09	79.6	60.4	69.4	100.0	80.2	68.4	0.00	0.10	76
24	15.4	6.0	103.4	7.96	75.4	64.0	69.3	100.0	89.0	68.5	0.04	0.07	73
25	22.2	7.5	179.5	11.83	80.7	67.3	72.0	100.0	78.2	70.7	0.08	0.10	75
26	14.2	4.6	329.8	23.74	83.0	58.6	70.3	100.0	56.1	65.8	0.00	0.21	79
27	22.0	5.9	238.8	16.86	83.1	54.8	69.3	99.6	63.0	65.3	0.00	0.15	75
28	15.0	5.5	30.3	24.69	79.2	49.1	66.4	98.4	42.2	58.5	0.00	0.22	77
29	13.8	4.2	156.2	23.08	82.7	45.0	65.1	99.2	46.3	57.6	0.00	0.20	75
30	16.3	6.1	220.3	15.61	83.2	60.7	71.6	99.3	57.5	66.6	0.00	0.14	75
31	18.7	6.7	357.1	20.85	76.1	50.9	65.5	99.3	52.8	60.3	0.00	0.18	75
TOT				621.64							1.87	5.49	
AVG		5.4	240.9	20.05	81.1	57.7	69.4	99.4	58.9	64.6		0.18	79
MAX	32.5				91.4			100.0					88
MIN						45.0			39.6				

Total Heating Degree Days : 15.2

Total Cooling Degree Days : 151.8

Total Hours of Wind > 8 mph : 130

KEY: \* 99.99M = 999.9M = missing data  
 \* E = estimated data

\*\* For further information on the ICN contact: Bob Scott (217) 333-4966  
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