

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

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR AVG WIND °	TOTAL SOLAR RAD MJ/M*M	MAX AIR TEMP °F	MIN AIR TEMP °F	AVG AIR TEMP °F	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT °F	TOTAL PRECIP IN	TOTAL EVAP IN	MA 4" SO TE °
1	23.9	9.2	26.8	22.92	72.8	44.7	64.0	97.2	35.6	54.3	0.00	0.19	74
2	16.2	7.0	146.4	28.23	72.2	42.1	59.4	94.4	29.1	45.1	0.00	0.23	71
3	26.1	9.1	224.8	13.66	77.7	62.1	67.8	98.8	62.2	64.0	0.32	0.12	70
4	20.7	5.6	277.5	29.76	83.4	63.2	73.0	99.0	37.4	63.1	0.00	0.27	74
5	18.5	5.2	358.5	30.26	73.5	50.0	63.5	93.7	36.7	51.4	0.00	0.25	73
6	20.8	8.7	175.4	24.20	74.0	46.1	63.7	94.4	50.1	53.4	0.00	0.20	71
7	23.9	9.3	224.2	16.67	86.8	64.6	77.0	99.5	66.5	72.3	0.00	0.15	75
8	19.4	3.5	167.8	19.01	87.3	62.3	75.7	99.8	57.6	70.7	0.00	0.17	78
9	13.4	3.5	344.9	27.36	90.6	61.9	76.5	100.0	41.6	68.5	0.00	0.26	80
10	21.2	5.7	332.9	29.25	89.5	61.0	75.9	97.3	34.6	63.0	0.00	0.27	80
11	19.1	5.4	27.4	30.21	78.8	53.0	66.7	92.3	37.1	52.3	0.00	0.26	78
12	12.4	3.0	113.5	23.29	80.7	54.8	66.9	95.3	39.5	55.8	0.00	0.20	78
13	14.4	4.3	33.6	29.45	80.2	50.2	66.9	94.4	38.2	54.7	0.00	0.26	78
14	14.6	5.3	267.3	28.50	84.2	53.3	70.3	93.0	34.2	57.0	0.00	0.26	78
15	15.3	4.3	221.5	28.48	83.0	53.4	70.5	95.7	40.0	58.6	0.00	0.26	79
16	17.2	5.6	174.6	25.75	83.1	55.0	71.6	97.4	46.7	62.6	0.00	0.23	79
17	15.7	4.8	166.8	17.19	85.7	66.8	76.1	97.6	68.2	71.6	0.01	0.16	79
18	20.9	4.7	145.5	17.79	86.1	66.7	74.1	99.5	62.5	70.9	0.23	0.16	79
19	13.5	4.4	162.3	22.88	85.2	60.4	73.8	100.0	62.6	71.1	0.00	0.21	82
20	11.5	3.1	214.3	26.86	87.5	65.8	77.2	100.0	62.7	73.0	0.00	0.25	86
21	20.4	4.7	217.2	22.82	89.2	69.6	78.6	99.6	66.9	75.4	0.04	0.21	86
22	23.9	4.8	182.7	20.81	92.7	67.7	77.4	99.2	59.5	73.8	0.00	0.20	87
23	27.9	4.5	209.2	15.62	90.0	68.8	76.5	99.5	68.7	74.7	0.19	0.14	84
24	21.1	3.1	176.4	26.77	88.8	64.4	77.9	100.0	59.0	73.6	0.00	0.25	87
25	18.9	8.1	39.2	9.57	74.8	59.8	69.4	99.7	77.8	67.5	0.02	0.08	82
26	19.2	8.4	44.0	25.16	78.5	56.5	66.6	99.4	56.0	61.3	0.00	0.22	79
27	19.4	6.9	103.8	27.68	78.5	55.0	66.7	98.8	49.6	59.5	0.00	0.24	79
28	12.1	5.1	149.0	8.80	77.4	61.9	68.9	99.9	88.3	67.1	0.00	0.07	75
29	12.7	3.5	259.4	23.85	86.1	64.9	74.5	100.0	59.3	70.3	0.00	0.22	82
30	12.0	3.8	167.7	25.54	87.7	59.4	73.8	100.0	57.2	69.8	0.00	0.23	84
31	14.9	6.3	183.1	26.16	90.4	66.8	78.8	99.8	65.3	74.8	0.00	0.25	86
TOT				724.50							0.81	6.47	
AVG		5.5	176.3	23.37	83.1	59.1	71.6	97.9	53.2	64.6		0.21	79
MAX	27.9				92.7			100.0					87
MIN						42.1			29.1				

Total Heating Degree Days : 22.3

Total Cooling Degree Days : 211.7

Total Hours of Wind > 8 mph : 138

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

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