

Illinois Climate Network (ICN)
 August 2004
 Monthly Summary for Belleville

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	MAX SOIL TEMP 4" øF	MIN SOIL TEMP 4" øF	AVG SOIL TEMP 4" øF	MAX SOIL TEMP 8" øF	MIN SOIL TEMP 8" øF	AVG SOIL TEMP 8" øF
1	9.7	2.3	183.0	27.57	87.6	63.8	75.7	99.5	60.6	71.6	0.00	0.25	81.2	73.4	77.2	77.6	73.7	75.6
2	22.7	3.2	175.3	22.20	86.7	67.8	76.8	99.3	69.2	74.3	0.00	0.20	80.4	75.5	78.1	77.8	75.4	76.6
3	23.9	4.4	173.3	19.28	89.1	70.6	80.2	99.7	85.7	78.6	0.00	0.18	81.6	76.2	79.0	78.7	76.0	77.2
4	21.3	6.2	355.9	16.23	86.1	69.1	76.6	98.8	69.1	74.1	0.21	0.15	81.9	77.6	79.3	78.8	77.2	77.9
5	22.0	9.3	16.0	28.33	77.6	58.3	68.7	96.3	53.3	62.6	0.01	0.25	78.4	73.7	76.3	77.5	75.0	75.9
6	12.2	4.3	31.7	28.88	75.8	51.0	64.0	97.5	54.3	57.9	0.00	0.24	77.3	70.2	73.8	75.0	72.2	73.8
7	9.8	1.9	121.7	29.60	76.9	51.1	64.6	99.1	52.6	58.5	0.00	0.25	77.5	69.5	73.6	74.9	71.5	73.2
8	9.0	2.1	167.0	27.12	81.3	52.8	67.6	99.0	53.9	62.1	0.00	0.24	77.9	69.8	73.9	75.0	71.4	73.2
9	12.5	2.4	223.4	27.25	85.8	58.0	72.5	99.2	53.0	66.9	0.00	0.24	79.0	71.6	75.4	75.9	72.5	74.1
10	21.3	5.7	308.0	27.36	81.6	58.8	71.4	98.7	42.8	64.4	0.00	0.25	77.8	73.1	75.4	75.3	73.5	74.5
11	18.2	3.7	329.0	15.45	71.7	49.9	61.9	98.3	65.1	57.4	0.00	0.13	74.1	69.9	72.3	74.1	71.7	72.7
12	17.3	4.4	342.8	13.37	65.7	45.9	57.0	98.2	62.4	52.3	0.00	0.10	70.1	66.9	68.7	71.7	69.1	70.0
13	19.1	3.7	329.0	22.78	71.9	47.3	59.7	98.1	50.2	53.4	0.00	0.19	71.0	65.3	68.2	69.9	67.5	68.7
14	10.7	1.9	354.5	20.66	75.1	47.2	60.6	99.0	45.5	54.7	0.00	0.17	71.9	65.2	68.5	70.1	67.2	68.7
15	9.8	1.7	66.2	24.67	76.6	46.9	61.7	98.9	45.2	55.0	0.00	0.21	72.2	65.1	68.7	70.5	67.1	68.7
16	13.8	3.5	172.5	26.91	79.1	46.8	64.0	98.9	47.3	56.8	0.00	0.23	73.4	65.2	69.3	71.0	67.1	69.1
17	15.3	6.3	188.1	23.77	84.0	57.7	72.0	97.0	66.0	67.6	0.01	0.21	75.2	68.0	71.6	72.3	68.7	70.3
18	16.5	3.4	221.1	26.00	91.4	64.9	77.2	98.9	52.6	71.2	0.00	0.24	78.1	70.5	74.3	74.6	70.5	72.3
19	15.7	4.5	245.6	21.99	87.0	65.6	75.0	98.5	65.8	71.1	0.08	0.20	78.4	72.1	75.0	75.2	72.1	73.6
20	14.7	6.0	4.1	6.81	71.2	61.6	67.5	99.0	91.4	66.6	0.42	0.06	74.9	72.1	73.6	74.4	72.4	73.2
21	10.6	1.8	10.7	26.73	79.5	55.9	66.6	99.2	58.1	62.1	0.00	0.23	76.6	69.4	72.9	74.1	70.6	72.3
22	15.2	4.5	173.0	26.13	81.1	53.9	68.9	99.3	64.8	64.9	0.00	0.23	76.4	68.8	72.7	73.8	70.4	72.1
23	24.8	4.2	159.5	14.16	82.3	62.7	70.5	99.4	82.0	69.3	0.00	0.12	75.5	71.1	73.4	73.5	71.5	72.7
24	31.0	7.3	171.4	11.01	81.4	64.4	69.8	98.7	88.0	68.7	0.26	0.10	75.1	71.9	73.0	73.1	71.9	72.5
25	23.2	8.6	163.6	12.63	85.4	64.0	73.0	99.0	85.0	71.8	1.58	0.11	75.5	71.0	72.9	73.5	71.3	72.3
26	21.4	8.6	166.8	19.00	88.3	68.3	78.8	99.2	81.4	77.0	0.00	0.18	77.3	71.8	74.5	74.9	72.0	73.2
27	21.2	6.7	179.4	17.72	89.6	70.8	79.2	98.4	71.9	77.0	0.00	0.17	79.4	74.9	76.8	76.5	74.3	75.2
28	26.3	3.5	252.7	12.04	84.4	67.8	73.0	99.5	75.1	71.6	2.04	0.11	78.9	74.7	75.9	76.5	74.7	75.4
29	19.7	6.9	350.1	6.32	69.7	55.9	63.9	98.4	91.4	62.8	0.08	0.05	74.7	71.0	73.2	74.9	72.9	73.9
30	13.1	2.9	2.8	26.20	78.0	52.5	65.7	99.3	61.7	61.7	0.00	0.22	75.8	68.3	72.0	73.7	70.8	72.3
31	12.9	2.2	1.4	21.95	83.4	56.6	68.5	99.6	48.4	64.2	0.00	0.19	76.0	69.6	72.7	73.8	71.3	72.5
TOT				650.12							4.69	5.70						
AVG		4.5	201.9	20.97	80.8	58.3	69.4	98.8	64.3	65.4		0.18	76.6	70.8	73.6	74.5	71.7	73.0
MAX	31.0				91.4			99.7					81.9			78.8		
MIN						45.9			42.8					65.1			67.1	

Total Heating Degree Days : 32.7

Total Cooling Degree Days : 174.4

Total Hours of Wind > 8 mph : 127