

Illinois Climate Network (ICN)  
 September 2008  
 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 øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF	MAX SOIL TEMP øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF
1	11.6	3.2	110.6	23.46	91.3	65.1	78.1	93.7	51.0	69.6	0.00	0.22	78.9	73.1	76.1	77.1	74.0	75.6
2	11.8	3.0	117.6	18.50	88.3	70.0	78.4	94.1	59.2	71.6	0.00	0.17	79.0	74.6	76.8	77.4	75.1	76.3
3	17.0	4.9	12.5	10.01	84.6	70.0	74.5	95.0	64.4	70.3	0.00	0.09	77.4	75.1	76.1	76.8	75.5	76.1
4	27.5	9.1	101.4	2.97	74.0	62.5	68.4	94.9	84.8	66.0	2.15	0.03	75.2	71.7	73.0	75.7	72.7	73.9
5	17.3	6.6	343.8	6.66	65.2	53.9	61.9	94.8	75.9	57.4	0.00	0.05	71.7	69.4	70.7	72.8	71.1	71.8
6	8.9	1.6	106.0	20.18	74.6	51.2	63.9	96.7	52.1	57.6	0.00	0.17	72.8	67.5	70.3	72.1	69.4	70.7
7	9.5	2.3	53.6	12.23	74.3	58.2	65.7	95.3	62.3	60.3	0.00	0.10	73.1	70.5	71.6	72.5	71.2	71.8
8	23.1	5.1	54.9	16.87	81.6	56.5	68.2	96.5	66.0	63.5	0.00	0.15	74.0	69.4	71.8	72.9	70.6	71.6
9	20.9	6.8	15.7	22.86	69.7	52.5	60.4	94.2	43.5	51.4	0.00	0.18	72.2	69.1	70.7	72.6	70.8	71.4
10	12.4	3.4	84.7	23.83	77.8	49.7	64.0	94.6	48.2	55.6	0.00	0.20	72.0	67.1	69.6	71.3	68.9	70.2
11	8.8	2.4	129.2	8.51	78.9	60.8	69.8	94.7	73.6	65.1	0.00	0.07	72.0	69.0	70.5	71.5	69.9	70.7
12	12.9	3.4	107.6	12.69	86.3	70.7	76.5	95.2	67.4	72.3	0.03	0.11	75.5	71.4	73.2	73.8	71.3	72.3
13	24.5	8.3	185.8	16.97	87.3	72.9	79.0	93.2	58.2	71.6	0.00	0.16	76.2	73.2	74.7	74.6	73.0	73.8
14	51.1	12.6	310.4	8.82	78.3	59.4	68.7	94.2	58.2	62.1	1.64	0.08	75.5	70.7	73.0	74.4	71.8	73.2
15	16.3	7.0	322.0	8.46	65.3	56.2	60.6	88.1	66.7	53.2	0.34	0.07	70.7	68.9	69.8	71.9	70.0	70.7
16	10.8	3.0	359.6	15.26	69.4	50.6	58.1	95.8	55.4	53.2	0.00	0.12	70.1	66.8	68.4	70.0	68.3	69.1
17	7.8	1.3	89.6	22.90	77.5	49.1	61.9	97.9	33.7	54.5	0.00	0.19	71.5	65.4	68.4	70.3	67.3	68.7
18	10.5	1.6	75.0	22.49	80.6	50.8	64.9	98.0	45.6	57.9	0.00	0.19	72.1	66.3	69.3	70.8	67.8	69.3
19	20.4	2.8	135.9	18.40	82.9	56.4	68.2	96.9	42.5	61.0	0.00	0.16	73.0	67.6	70.2	71.4	68.7	70.0
20	12.2	2.5	127.1	7.65	71.5	61.4	65.7	94.9	75.0	62.2	0.00	0.06	71.5	69.5	70.5	71.0	69.9	70.3
21	10.6	2.3	97.4	12.03	77.0	58.9	66.6	95.5	59.7	62.2	0.03	0.10	72.1	68.9	70.3	71.0	69.5	70.3
22	7.6	1.4	77.5	20.18	82.9	56.9	68.7	96.4	41.8	61.2	0.00	0.18	74.0	68.6	71.2	72.2	69.5	70.9
23	8.4	1.4	126.7	20.12	84.5	55.3	68.4	97.6	43.5	60.8	0.00	0.18	73.9	68.6	71.2	72.3	69.7	71.1
24	8.8	1.7	28.3	18.51	84.6	57.1	69.1	97.6	40.4	62.1	0.00	0.17	74.2	69.2	71.6	72.6	70.1	71.4
25	11.0	1.8	51.1	20.72	83.0	54.4	66.9	97.7	32.6	57.9	0.25	0.18	73.9	69.0	71.4	72.4	70.1	71.4
26	16.5	3.4	23.9	21.62	79.5	50.3	63.3	96.6	26.8	52.3	0.00	0.19	72.1	67.5	69.8	71.4	69.1	70.2
27	16.5	3.7	356.2	21.39	79.8	46.6	62.2	96.2	30.4	52.2	0.00	0.19	70.9	65.7	68.4	70.0	67.7	68.9
28	14.4	2.1	351.8	18.93	83.1	52.5	66.9	96.4	40.2	58.3	0.00	0.17	71.6	66.0	68.7	70.3	67.6	68.9
29	20.7	4.3	312.3	7.43	74.3	55.3	63.9	97.9	70.7	60.4	0.42	0.06	69.8	67.2	68.4	69.8	68.3	68.9
30	23.7	7.6	323.9	20.39	66.1	45.7	58.1	95.9	44.0	48.7	0.00	0.16	68.5	65.4	67.1	68.8	67.2	68.0
TOT				481.04							4.86	4.15						
AVG		4.0	30.8	16.03	78.5	57.0	67.0	95.6	53.8	60.4		0.14	73.2	69.1	71.1	72.4	70.2	71.2
MAX	51.1				91.3			98.0					79.0			77.4		
MIN						45.7			26.8					65.4			67.2	

Total Heating Degree Days : 35.0

Total Cooling Degree Days : 117.4

Total Hours of Wind > 8 mph : 111

Illinois Climate Network (ICN)  
 October 2008  
 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	18.0	3.8	2.1	18.26	65.6	44.7	53.6	95.1	40.4	45.0	0.00	0.14	67.4	63.1	65.1	67.3	65.1	66.0
2	12.3	3.0	325.2	20.44	65.5	40.2	51.8	95.5	36.1	42.3	0.00	0.15	66.4	61.4	63.9	65.8	63.6	64.8
3	12.4	1.7	257.1	19.82	73.7	40.5	55.6	97.1	37.3	46.8	0.00	0.16	66.6	60.7	63.5	65.5	62.8	64.2
4	9.6	2.4	109.5	19.39	75.4	43.1	59.0	97.1	41.9	50.7	0.00	0.16	67.0	61.3	64.0	65.7	63.1	64.4
5	13.3	3.0	155.6	18.78	80.9	47.0	61.3	96.2	29.3	51.3	0.00	0.16	66.8	62.1	64.4	65.8	63.5	64.8
6	17.5	3.9	142.5	14.35	82.2	64.3	64.6	81.5	38.4	54.5	0.00	0.13	66.5	64.6	64.6	65.6	64.0	64.8
7	15.9	5.9	151.2	3.06	69.2	60.5	64.9	95.7	71.4	61.5	0.33	0.02	65.9	64.7	65.3	65.6	65.0	65.3
8	20.9	7.3	311.9	19.52	69.1	43.9	58.1	95.4	37.5	48.6	0.00	0.16	67.4	63.5	65.5	66.4	65.0	65.7
9	9.6	1.6	105.0	18.88	77.9	41.6	57.7	97.0	34.1	48.6	0.00	0.16	66.6	60.8	63.7	65.3	62.8	64.2
10	15.9	3.3	131.6	18.18	78.2	44.2	60.8	98.0	36.9	52.2	0.00	0.15	65.7	61.1	63.5	64.8	62.7	63.9
11	13.9	2.5	140.5	15.65	83.1	51.4	65.7	97.3	46.8	58.8	0.02	0.14	67.1	62.2	64.6	65.8	63.3	64.6
12	16.6	3.5	152.7	15.99	83.8	54.1	69.3	97.7	43.5	60.8	0.00	0.14	68.0	63.5	65.8	66.7	64.3	65.5
13	18.0	4.5	182.4	9.18	78.3	62.9	70.2	94.0	59.4	63.5	0.03	0.08	68.0	66.0	66.9	67.1	65.9	66.6
14	15.4	2.8	58.9	8.49	74.8	63.2	68.2	96.4	68.6	64.2	0.00	0.07	68.7	66.3	67.5	67.7	66.4	66.9
15	25.0	7.9	275.9	8.20	82.1	53.8	66.0	98.0	54.4	61.5	0.31	0.07	68.4	65.8	67.1	67.6	66.5	67.1
16	19.2	6.5	348.0	16.68	60.0	39.6	51.3	94.5	46.9	42.8	0.00	0.12	65.9	61.0	63.7	66.8	63.3	64.9
17	12.9	3.2	13.3	14.59	63.0	35.7	50.5	96.0	41.4	41.2	0.00	0.11	62.8	58.4	60.8	63.4	60.8	62.1
18	15.0	4.2	14.5	14.29	61.8	39.3	50.5	96.2	44.0	42.4	0.00	0.10	62.5	59.2	60.8	62.3	61.1	61.7
19	18.2	4.6	166.4	15.83	66.1	34.6	49.6	98.5	34.0	39.6	0.00	0.12	60.4	56.7	58.6	61.2	58.9	59.9
20	20.4	4.5	339.6	13.88	72.1	37.3	55.6	97.1	48.3	46.8	0.00	0.11	61.4	56.0	58.8	60.8	58.0	59.4
21	17.1	5.3	66.7	15.74	62.5	44.9	53.6	95.8	32.8	41.2	0.00	0.12	61.2	58.5	59.7	60.8	59.6	60.3
22	22.2	8.1	113.7	10.27	63.5	46.0	53.1	63.7	26.8	32.4	0.00	0.08	58.9	57.0	57.9	60.1	58.5	59.0
23	16.5	6.4	137.0	1.53	53.3	46.9	49.5	95.4	41.3	42.6	0.69	0.01	57.0	55.7	56.3	58.5	57.2	57.6
24	21.9	5.3	189.4	5.18	56.2	39.2	47.1	95.1	61.0	43.2	0.04	0.04	56.6	54.7	55.8	57.3	56.4	56.8
25	17.0	5.1	213.3	15.86	61.0	35.0	48.0	96.8	43.9	39.4	0.04	0.11	56.9	52.8	54.9	56.6	54.8	55.8
26	34.2	12.0	305.4	15.92	64.4	38.2	51.3	96.0	18.4	30.9	0.04	0.13	56.4	53.5	54.9	56.4	55.1	55.8
27	24.0	13.2	311.6	10.39	47.6	37.0	41.9	58.8	42.8	24.4	0.08	0.07	52.8	51.3	52.3	53.7	53.0	53.8
28	18.6	5.7	313.2	15.52	49.4	29.0	37.8	86.6	32.0	24.4	0.00	0.10	52.3	49.3	50.7	53.0	51.4	52.2
29	14.5	2.4	270.8	15.43	63.8	27.4	43.2	94.7	27.7	30.6	0.00	0.11	53.1	48.0	50.4	52.8	50.2	51.4
30	19.3	4.7	162.5	15.17	71.0	29.6	49.8	97.8	28.7	37.4	0.01	0.12	53.9	48.9	51.4	53.5	50.8	52.2
31	16.0	6.2	174.9	13.70	74.2	42.1	57.2	92.7	38.5	45.3	0.08	0.11	55.8	50.9	53.2	55.0	52.3	53.4
TOT				438.17							1.67	3.45						
AVG		5.0	247.6	14.13	68.7	43.8	55.4	93.1	41.4	45.6		0.11	62.4	58.7	60.5	62.1	60.2	61.1
MAX	34.2				83.8			98.5					68.7			67.7		
MIN						27.4			18.4					48.0			50.2	

Total Heating Degree Days : 298.6

Total Cooling Degree Days : 27.0

Illinois Climate Network (ICN)  
 November 2008  
 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 øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF	MAX SOIL TEMP øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF
1	15.0	3.6	163.2	13.67	74.7	42.4	57.7	96.7	46.5	48.6	0.11	0.11	57.6	52.6	55.0	56.4	53.7	55.0
2	18.5	6.2	173.6	12.77	75.4	46.7	60.4	95.7	49.3	50.5	0.08	0.11	58.6	54.3	56.5	57.5	55.2	56.3
3	18.9	5.4	170.3	13.83	75.2	42.0	57.7	95.6	31.8	44.4	0.01	0.12	58.3	54.5	56.5	57.5	55.7	56.7
4	20.6	5.6	168.0	14.06	73.6	38.0	56.5	96.5	30.1	43.2	0.05	0.12	57.5	53.4	55.6	56.9	55.0	56.1
5	25.9	9.4	163.2	13.69	73.5	45.4	60.1	93.1	40.5	48.2	0.09	0.12	57.6	53.6	55.8	57.1	55.1	56.1
6	25.7	8.5	172.9	4.07	67.2	43.4	58.3	89.6	43.1	48.2	0.17	0.03	58.0	54.9	56.7	57.5	56.4	56.8
7	22.3	5.8	231.7	10.59	50.8	38.8	44.4	78.5	37.9	30.6	0.00	0.07	54.9	52.5	53.6	56.5	54.1	54.9
8	21.7	8.1	286.7	5.73	43.8	33.8	39.7	81.9	59.2	29.8	0.00	0.04	52.6	50.5	51.4	54.2	52.2	52.9
9	17.2	7.2	297.1	3.71	39.7	23.3	35.4	94.1	57.1	26.8	0.00	0.02	50.8	48.1	49.8	52.2	50.3	51.3
10	10.9	2.6	98.5	6.51	43.1	21.3	33.8	96.2	53.8	26.4	0.00	0.04	48.8	45.8	47.5	50.3	48.3	49.1
11	20.6	7.3	126.4	4.00	48.2	37.6	43.0	94.0	62.6	37.8	0.44	0.03	49.1	47.6	48.4	49.8	49.0	49.5
12	14.0	5.3	160.3	1.41	52.6	46.1	49.6	95.1	69.6	44.8	0.00	0.01	50.8	49.1	50.0	51.1	49.7	50.4
13	24.6	8.7	179.2	8.81	57.8	36.1	48.9	97.5	70.5	45.1	0.01	0.06	51.9	49.1	50.7	51.7	50.3	51.1
14	28.4	7.0	248.5	2.60	57.1	45.2	52.7	92.8	79.1	49.3	0.52	0.02	53.4	51.5	52.3	53.1	51.7	52.3
15	30.0	15.3	314.3	2.99	45.2	35.4	38.8	89.7	56.8	32.0	0.07	0.02	52.4	48.1	50.2	52.9	49.6	51.3
16	22.3	8.3	262.3	11.48	54.2	29.1	42.1	80.5	36.6	28.2	0.00	0.07	49.1	46.6	48.0	49.6	48.2	48.9
17	22.3	10.7	329.3	5.88	44.1	29.4	37.8	70.4	46.0	25.0	0.00	0.04	48.2	45.9	47.3	49.1	47.6	48.4
18	15.7	5.5	353.8	12.53	38.8	23.4	30.0	80.8	35.9	18.5	0.00	0.06	46.4	43.9	45.1	47.6	45.8	46.6
19	27.7	7.6	200.2	11.99	59.4	28.6	41.0	86.5	38.5	28.2	0.00	0.08	46.6	43.2	44.6	46.7	44.9	45.7
20	28.6	14.5	335.9	3.08	39.8	27.5	34.7	81.7	46.8	23.5	0.00	0.02	45.2	43.0	44.4	46.4	44.8	45.7
21	23.0	5.5	340.7	12.39	32.7	15.9	23.9	89.0	33.6	11.5	0.00	0.06	43.2	40.6	41.9	44.9	43.0	43.7
22	18.2	6.4	160.5	4.27	35.6	15.8	28.2	89.5	42.6	17.4	0.00	0.02	41.3	39.9	40.5	43.0	41.8	42.1
23	18.9	7.2	171.3	11.98	49.8	19.1	36.3	94.0	38.3	25.3	0.05	0.07	42.7	38.5	40.5	43.0	40.7	41.7
24	31.3	10.6	293.7	8.35	52.0	35.7	45.0	93.1	26.8	32.2	0.01	0.06	44.9	42.6	43.7	44.9	43.0	44.1
25	23.4	5.3	316.1	11.63	44.3	23.0	34.0	91.4	38.7	22.3	0.00	0.06	44.2	41.4	42.6	44.3	43.0	43.7
26	7.4	1.5	36.9	11.66	53.1	20.2	33.8	95.1	45.4	26.6	0.00	0.07	43.8	39.7	41.7	43.9	41.8	43.0
27	14.5	4.1	311.5	11.44	57.3	23.3	40.1	97.0	32.3	28.2	0.00	0.08	44.1	39.9	42.1	44.1	42.0	43.0
28	11.6	4.1	331.3	10.67	51.3	35.5	42.8	72.8	28.1	25.2	0.00	0.07	45.2	42.5	43.7	45.1	43.6	44.2
29	13.3	4.0	53.8	4.02	47.2	37.1	41.4	91.3	40.6	28.4	0.07	0.03	44.9	43.7	44.2	45.2	44.6	45.0
30	22.4	9.3	301.4	1.58	37.3	33.7	35.4	95.0	85.0	32.9	0.11	0.01	44.4	43.0	43.7	45.1	44.1	44.6
TOT				251.39							1.79	1.72						
AVG		7.0	259.4	8.38	52.5	32.4	42.8	89.8	46.8	32.6		0.06	49.5	46.7	48.1	49.9	48.2	49.0
MAX	31.3				75.4			97.5					58.6			57.5		
MIN						15.8			26.8					38.5			40.7	

Total Heating Degree Days : 676.2

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 278

Illinois Climate Network (ICN)  
 December 2008  
 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 øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF	MAX SOIL TEMP øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF
1	28.4	12.7	297.7	1.71	34.7	27.2	30.7	94.7	67.9	25.9	0.13	0.01	43.0	40.7	41.9	44.1	42.1	43.2
2	23.7	9.7	183.9	11.28	46.0	22.3	34.7	89.7	42.8	25.2	0.02	0.06	42.0	39.6	40.8	42.4	41.2	41.9
3	32.7	13.1	254.7	1.82	49.8	24.8	39.0	91.7	65.9	32.2	0.11	0.01	42.7	40.9	41.7	43.0	41.9	42.4
4	24.7	10.3	325.6	11.04	32.2	16.4	24.6	85.2	50.0	15.3	0.00	0.05	41.6	38.5	39.6	42.7	40.1	41.0
5	16.3	5.4	204.0	10.99	29.3	14.7	23.4	85.6	43.1	12.2	0.00	0.05	38.9	37.1	37.9	40.2	38.9	39.4
6	31.9	13.2	296.1	5.39	44.8	18.7	32.9	89.6	45.5	20.7	0.03	0.03	39.5	37.6	38.3	39.9	38.9	39.4
7	18.4	7.5	156.1	5.99	31.5	10.6	21.6	85.3	48.4	12.0	0.00	0.03	37.8	35.9	36.5	39.5	37.7	38.1
8	28.3	12.9	167.0	7.00	51.7	31.0	41.7	73.3	40.6	27.0	0.00	0.05	40.1	36.3	37.9	40.0	37.6	38.5
9	31.9	15.6	199.3	1.67	55.2	31.9	45.0	93.3	57.5	41.2	0.52	0.01	43.9	40.1	42.3	43.2	40.0	41.9
10	23.3	11.5	357.5	6.87	34.2	23.7	29.8	92.1	72.7	25.5	0.00	0.03	41.9	39.1	40.3	42.6	40.7	41.5
11	18.0	7.1	346.2	9.27	39.4	22.1	30.6	92.4	49.3	23.7	0.00	0.05	39.1	37.5	38.5	40.7	39.3	39.7
12	23.7	8.2	317.5	8.51	40.7	26.3	33.3	87.0	48.4	24.6	0.00	0.05	39.8	38.0	38.7	40.2	39.4	39.7
13	39.3	17.6	170.9	2.67	45.9	28.1	39.6	85.8	52.1	29.1	0.01	0.02	39.5	37.4	38.5	40.0	38.9	39.4
14	36.9	20.2	182.4	2.28	57.7	32.6	49.3	90.5	54.9	40.3	0.21	0.02	43.6	39.5	41.4	43.1	40.0	41.2
15	28.5	13.4	323.7	3.43	32.7	13.8	17.8	92.4	68.8	11.7	0.14	0.01	43.4	37.0	39.6	43.1	38.9	41.0
16	13.9	5.2	41.7	1.48	23.3	15.2	18.7	93.9	71.5	14.9	0.01	0.01	37.0	35.4	36.0	38.9	37.2	37.8
17	15.1	4.7	324.1	4.19	25.7	22.1	24.1	92.0	71.9	19.6	0.00	0.02	35.7	35.3	35.4	37.2	36.8	36.9
18	16.8	4.4	115.5	3.53	33.0	21.5	27.9	96.6	82.1	25.3	0.39	0.02	35.9	35.2	35.6	36.8	36.5	36.7
19	40.0	11.9	282.0	3.84	53.8	30.1	39.2	96.9	67.5	34.3	0.37	0.03	38.5	35.6	37.4	38.4	36.5	37.6
20	35.1	8.8	307.2	3.52	35.5	19.6	30.9	93.0	66.4	26.4	0.00	0.02	38.4	37.2	37.8	38.6	38.0	38.3
21	38.3	17.7	301.8	10.66	19.6	5.5	10.6	74.1	38.6	-1.5	0.00	0.04	37.4	33.8	35.1	38.3	35.8	36.9
22	19.0	6.3	250.6	9.59	22.0	3.5	12.6	75.8	48.6	2.7	0.01	0.03	33.8	33.1	33.3	35.8	34.9	35.2
23	34.4	12.5	163.4	1.49	39.0	21.7	29.8	96.3	59.5	24.3	0.49	0.01	33.2	32.9	33.1	34.9	34.5	34.7
24	31.7	7.6	290.1	6.21	44.5	22.4	35.4	97.2	60.2	30.6	0.17	0.03	33.3	32.9	33.1	34.6	34.4	34.5
25	17.9	6.0	110.9	10.33	34.2	16.7	26.4	87.8	59.1	19.0	0.00	0.05	33.4	33.3	33.3	34.6	34.5	34.5
26	25.6	11.0	168.5	2.87	64.5	32.3	49.5	96.9	72.3	45.5	0.07	0.02	40.5	33.4	35.2	38.2	34.6	35.2
27	37.6	17.4	194.1	1.02	66.2	35.7	59.4	92.9	76.4	55.4	2.85	0.01	50.0	40.5	46.0	47.2	38.2	43.3
28	26.0	7.6	217.4	10.02	46.8	31.4	37.2	78.9	39.3	26.8	0.25	0.06	48.1	41.8	44.2	47.0	42.9	44.4
29	18.0	6.5	245.2	10.58	58.5	30.6	41.5	92.0	31.4	28.4	0.03	0.07	42.8	39.6	41.2	43.0	41.0	41.9
30	37.8	11.0	282.0	10.59	64.8	28.5	43.9	94.6	26.7	30.9	0.00	0.07	42.3	38.6	40.6	42.1	40.2	41.2
31	34.7	10.4	346.3	11.04	32.7	21.1	25.3	77.2	39.4	13.8	0.00	0.05	41.4	36.7	38.5	42.0	38.7	40.1
TOT				190.88							5.81	1.02						
AVG		10.6	247.1	6.16	41.6	22.6	32.5	89.2	55.4	24.6		0.03	39.9	37.1	38.4	40.4	38.4	39.3
MAX	40.0				66.2			97.2					50.0			47.2		
MIN						3.5			26.7					32.9			34.4	

Total Heating Degree Days : 1019.1

Total Cooling Degree Days : 0.0

Illinois Climate Network (ICN)  
 January 2009  
 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	23.9	10.1	170.5	9.95	39.3	20.2	29.8	80.5	47.9	19.9	0.00	0.05	36.7	35.3	36.0	38.7	37.2	37.8
2	12.1	3.3	135.9	9.47	47.2	25.9	36.3	89.3	36.6	25.0	0.00	0.06	38.8	35.5	36.9	38.6	37.0	37.8
3	14.2	5.2	109.3	1.89	58.1	36.8	47.3	95.9	68.3	43.2	0.16	0.01	42.1	37.5	39.6	41.2	38.3	39.2
4	27.1	14.2	323.0	7.26	59.1	22.9	36.9	96.3	50.3	28.9	0.00	0.04	42.4	38.6	41.2	41.9	40.2	41.4
5	10.7	4.3	32.2	6.64	29.6	18.9	25.0	75.8	45.1	14.4	0.00	0.03	38.6	36.6	37.4	40.2	38.2	38.8
6	10.4	3.4	203.6	1.78	31.7	26.7	29.7	95.3	74.2	27.1	0.01	0.01	37.6	36.7	37.0	38.3	37.8	37.9
7	30.2	9.7	285.7	5.00	40.8	30.4	33.6	90.1	48.6	25.5	0.00	0.03	37.7	37.1	37.4	38.1	37.8	37.9
8	19.7	7.7	308.7	11.01	34.5	21.3	26.8	89.6	44.2	17.8	0.00	0.05	37.2	35.4	36.1	38.0	36.7	37.2
9	24.3	9.0	165.1	10.79	53.7	26.9	40.6	81.3	34.0	26.6	0.18	0.07	38.1	34.8	36.3	38.1	36.1	36.9
10	27.4	13.6	313.9	1.44	49.3	26.9	34.2	94.3	73.4	30.4	0.00	0.01	39.0	36.9	38.1	38.8	37.9	38.5
11	17.3	5.1	258.5	10.99	41.3	18.4	28.6	95.1	52.1	22.5	0.00	0.06	37.2	35.2	36.1	37.9	36.6	37.2
12	21.3	7.5	159.2	5.80	42.5	21.9	32.2	93.8	62.0	26.2	0.00	0.03	36.6	34.7	35.6	37.1	36.1	36.5
13	31.1	12.7	309.0	11.40	37.0	15.2	22.1	88.3	25.6	9.1	0.00	0.05	36.4	34.3	35.2	37.0	35.7	36.3
14	38.0	15.6	299.4	7.13	43.4	7.9	24.3	67.1	37.6	9.5	0.00	0.04	34.3	33.6	34.0	35.7	35.0	35.2
15	20.2	10.9	327.2	12.46	12.2	0.7	5.5	72.3	29.7	-8.1	0.00	0.04	33.6	32.7	33.1	35.0	34.2	34.5
16	22.3	7.6	171.6	5.52	16.5	-3.4	7.9	82.7	40.5	-2.4	0.00	0.02	32.7	32.2	32.4	34.2	33.6	34.0
17	26.3	13.7	230.4	10.96	47.0	16.4	31.1	67.7	41.6	17.2	0.01	0.06	32.3	32.1	32.2	33.7	33.4	33.4
18	22.5	6.9	289.9	2.92	38.3	29.9	34.3	92.9	60.5	27.7	0.00	0.02	32.3	32.2	32.2	33.5	33.4	33.4
19	23.9	11.6	343.9	12.02	34.1	15.9	25.0	87.4	45.2	15.4	0.00	0.06	32.4	32.3	32.4	33.5	33.4	33.4
20	20.2	8.1	332.7	11.78	29.1	13.6	20.3	92.0	54.3	13.8	0.02	0.05	32.4	32.4	32.4	33.5	33.4	33.4
21	19.4	7.5	189.8	12.58	42.9	11.4	27.7	90.6	41.0	17.8	0.00	0.07	32.4	32.3	32.4	33.5	33.3	33.4
22	17.7	6.3	176.9	12.28	55.6	25.0	39.0	89.1	34.1	27.3	0.00	0.08	32.4	32.3	32.4	33.4	33.3	33.4
23	28.3	10.7	337.8	9.32	47.0	25.7	34.3	96.1	43.7	24.4	0.00	0.06	32.4	32.3	32.4	33.4	33.3	33.4
24	25.6	9.9	350.7	13.17	26.2	11.0	17.2	76.9	36.3	4.6	0.00	0.05	32.5	32.4	32.5	33.5	33.4	33.4
25	13.3	6.3	22.0	3.55	18.3	11.1	14.9	84.3	44.9	6.6	0.00	0.01	32.5	32.3	32.4	33.5	33.3	33.4
26	14.8	6.6	23.7	3.18	21.0	15.0	17.4	92.3	68.8	12.2	0.32	0.01	32.3	32.2	32.2	33.4	33.3	33.3
27	17.5	9.2	14.7	2.12	19.6	16.4	18.1	93.1	85.0	15.8	0.18	0.01	32.3	32.2	32.2	33.3	33.2	33.3
28	17.2	7.6	280.4	13.81	24.1	10.3	17.8	94.6	69.5	13.6	0.00	0.05	32.3	32.2	32.2	33.3	33.2	33.3
29	18.4	7.3	254.8	13.64	36.4	11.7	25.0	94.4	59.1	19.0	0.00	0.06	32.3	32.2	32.2	33.3	33.2	33.3
30	14.4	2.8	262.0	13.21	38.5	7.8	23.2	90.9	39.0	14.0	0.01	0.06	32.3	32.3	32.4	33.3	33.2	33.3
31	24.5	8.9	185.9	14.79	48.5	5.7	29.8	93.2	48.1	21.4	0.00	0.08	32.3	32.3	32.4	33.3	33.2	33.3
TOT				267.86							0.89	1.33						
AVG		8.5	295.3	8.64	37.5	17.6	27.0	87.8	49.7	18.3		0.04	35.0	33.9	34.4	35.8	35.1	35.4
MAX	38.0				59.1			96.3					42.4			41.9		
MIN						-3.4			25.6					32.1			33.2	

Total Heating Degree Days : 1161.6

Total Cooling Degree Days : 0.0

Illinois Climate Network (ICN)  
February 2009  
Monthly Summary For Belleville

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	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F
1	22.6	7.2	351.9	13.65	44.8	30.0	38.8	92.8	39.9	27.4	0.00	0.05	32.4	32.3	32.3	33.3	33.2	33.2
2	24.9	7.4	309.8	14.55	37.7	20.9	31.7	78.5	32.9	18.0	0.00	0.05	32.4	32.3	32.3	33.3	33.2	33.2
3	33.0	15.5	329.6	14.98	28.0	8.2	18.5	80.8	47.2	7.9	0.00	0.03	32.4	32.3	32.4	33.3	33.2	33.3
4	18.2	7.0	325.4	15.19	24.3	8.6	14.8	79.6	43.6	5.4	0.00	0.03	32.4	32.2	32.3	33.3	33.2	33.3
5	27.8	10.7	165.3	14.85	35.9	11.2	24.2	86.3	48.0	13.9	0.00	0.04	32.2	32.0	32.1	33.2	33.1	33.1
6	23.2	10.4	171.4	14.41	54.4	22.2	42.3	89.6	52.2	34.2	0.02	0.06	32.1	32.0	32.1	33.1	33.1	33.1
7	22.1	10.7	192.1	7.94	64.2	46.9	55.1	85.5	66.2	48.1	0.08	0.03	32.4	32.1	32.1	33.4	33.1	33.1
8	21.8	5.1	21.1	7.79	53.9	34.9	40.1	92.5	62.8	35.2	0.06	0.02	36.1	32.4	34.2	35.5	33.4	34.3
9	46.6	11.3	171.3	11.94	67.4	33.5	51.0	94.2	43.7	43.9	0.26	0.05	42.3	35.3	38.3	40.3	35.4	37.0
10	23.8	12.4	174.0	11.03	65.1	53.0	58.3	95.8	63.1	53.3	1.17	0.05	47.8	42.3	44.2	44.5	40.3	42.1
11	48.2	16.0	249.1	4.58	60.1	39.9	52.2	96.1	67.4	47.2	0.68	0.01	49.1	45.5	48.1	45.0	43.1	44.3
12	16.5	5.2	263.3	15.27	58.7	31.7	44.0	92.5	37.6	33.7	0.04	0.06	46.7	42.0	44.5	45.0	42.8	43.8
13	19.4	5.8	92.8	12.23	48.8	31.2	41.3	87.1	35.5	27.1	0.00	0.04	44.3	41.8	43.0	44.5	42.6	43.3
14	27.1	11.7	354.1	5.39	40.8	26.4	33.4	85.5	66.4	26.5	0.00	0.01	42.6	39.3	41.1	43.2	40.9	42.0
15	18.2	7.4	354.3	15.09	39.2	23.9	29.9	91.9	35.2	20.8	0.00	0.05	40.5	37.3	38.7	40.9	39.1	39.9
16	10.8	4.5	109.6	17.00	39.0	19.3	29.2	89.7	44.9	19.5	0.00	0.05	40.0	35.9	37.8	39.8	37.9	38.9
17	25.9	10.7	165.0	2.70	44.5	26.8	35.7	91.6	59.8	29.9	0.00	0.00	38.4	36.2	37.1	39.3	37.8	38.3
18	37.3	15.4	291.4	2.29	53.9	30.4	43.0	92.2	52.6	36.3	0.17	0.00	40.4	38.4	39.6	40.3	38.6	39.6
19	27.6	12.2	314.2	16.32	31.0	18.0	24.9	83.0	34.5	11.8	0.00	0.04	38.8	35.9	37.1	39.8	37.4	38.3
20	19.1	6.1	151.6	13.71	44.2	16.0	30.8	88.1	35.2	18.5	0.00	0.04	36.6	34.4	35.5	37.4	36.1	36.6
21	31.1	17.1	292.1	13.36	45.4	27.5	34.3	92.8	41.2	21.3	0.01	0.04	37.6	35.9	36.7	37.7	36.9	37.3
22	28.4	10.3	323.7	17.97	34.9	19.9	26.4	70.7	34.6	12.0	0.00	0.05	36.7	34.5	35.4	37.1	35.9	36.4
23	9.9	2.9	67.7	18.32	36.8	14.7	26.7	91.6	38.0	15.5	0.00	0.05	37.1	34.0	35.2	36.8	35.4	36.0
24	21.7	9.4	154.2	14.45	47.3	27.6	37.2	72.0	33.6	22.1	0.00	0.05	38.3	34.6	36.4	37.8	35.8	36.6
25	17.6	8.5	167.2	16.80	66.8	32.4	50.2	89.2	39.1	37.1	0.00	0.08	43.2	37.0	39.9	41.5	37.6	39.0
26	34.3	13.4	179.3	7.06	68.1	46.3	57.1	92.0	60.4	50.4	0.66	0.03	47.7	42.1	44.1	44.6	41.5	42.5
27	30.0	12.8	344.3	3.12	49.7	29.5	36.3	86.3	71.2	30.8	0.01	0.00	47.7	41.1	43.8	45.4	42.2	43.9
28	31.9	13.9	15.8	3.33	33.5	26.3	29.6	83.3	65.0	22.8	0.00	0.00	41.1	37.5	39.1	42.2	39.2	40.5
TOT				325.32							3.17	1.01						
AVG		10.0	272.2	11.62	47.1	27.0	37.0	87.5	48.3	27.5		0.04	39.3	36.4	37.7	39.0	37.2	38.0
MAX	48.2				68.1			96.1					49.1			45.4		
MIN						8.2			32.9					32.0			33.1	

Total Heating Degree Days : 782.2

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 405

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

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

Illinois Climate Network (ICN)  
 March 2009  
 Monthly Summary For Belleville

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	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F
1	28.6	14.8	357.1	19.36	33.6	23.0	27.1	79.2	44.0	15.7	0.00	0.06	37.6	35.8	36.7	39.3	37.7	38.3
2	19.4	7.8	27.7	19.03	31.5	19.0	24.4	73.0	38.3	11.3	0.00	0.05	37.2	34.8	35.9	38.0	36.6	37.3
3	17.3	6.4	126.3	12.97	34.3	15.8	26.2	84.8	35.4	12.4	0.00	0.03	35.8	34.3	35.0	37.3	36.0	36.4
4	22.1	9.6	160.2	16.33	55.3	23.7	40.3	72.2	27.6	23.6	0.00	0.06	38.9	34.2	36.4	38.4	35.7	36.7
5	36.8	15.3	183.7	9.24	63.7	45.8	57.1	76.2	50.8	45.9	0.00	0.04	44.3	38.6	41.3	42.8	38.4	40.1
6	19.6	8.3	185.0	17.33	83.0	57.1	67.7	84.3	32.4	54.6	0.00	0.09	50.5	44.0	47.0	47.6	42.8	44.8
7	28.0	12.7	187.8	11.25	78.3	58.8	66.6	86.1	33.7	54.6	0.00	0.05	51.7	48.5	50.1	49.7	47.4	48.2
8	35.9	13.4	240.6	15.65	74.2	40.7	62.0	80.5	24.3	47.4	0.03	0.08	53.7	50.1	51.9	51.3	49.7	50.4
9	14.2	4.8	115.5	11.10	56.4	31.3	45.8	95.6	55.5	39.0	0.04	0.04	50.2	46.7	48.3	50.4	47.6	48.5
10	37.5	15.0	216.5	12.92	79.6	36.5	64.1	91.0	47.2	52.6	0.35	0.07	54.1	48.5	51.2	51.9	48.3	49.8
11	29.9	11.6	330.3	11.85	36.7	27.3	31.6	80.5	47.2	20.5	0.08	0.03	51.9	44.4	47.3	51.6	46.1	48.4
12	17.0	7.9	27.9	10.56	33.9	24.4	28.5	83.2	46.6	17.7	0.00	0.03	44.4	41.7	42.8	46.2	43.5	44.4
13	13.9	5.7	35.2	20.44	48.2	23.9	35.4	88.0	34.0	23.6	0.00	0.07	44.8	39.8	42.2	44.3	41.8	43.1
14	14.8	4.9	54.3	17.33	56.7	29.8	43.1	88.4	27.1	27.5	0.00	0.07	46.1	41.6	43.7	45.2	42.9	44.0
15	13.0	3.9	131.4	16.34	61.3	31.2	48.7	94.2	54.5	40.3	0.00	0.07	48.3	42.5	45.3	46.8	43.7	45.1
16	12.5	3.5	235.2	20.20	69.5	43.3	55.4	93.5	34.1	43.7	0.10	0.10	52.2	46.1	48.8	49.7	46.3	47.6
17	22.5	9.4	185.0	21.90	75.8	40.0	59.6	95.7	26.3	45.0	0.12	0.12	52.6	46.5	49.7	50.5	47.4	48.9
18	33.2	8.9	336.5	16.82	72.8	47.5	57.5	91.9	41.3	47.1	0.52	0.08	53.8	51.5	51.4	51.7	49.7	50.4
19	23.0	7.6	11.9	23.00	56.9	36.9	47.7	92.9	21.5	30.8	0.04	0.10	52.0	48.7	50.4	51.3	49.6	50.5
20	15.7	5.3	104.7	22.77	55.9	31.2	44.6	83.9	29.4	27.7	0.00	0.10	51.2	45.7	48.5	50.1	47.6	49.0
21	16.6	5.8	150.6	16.20	58.7	40.7	48.5	90.1	39.1	35.3	0.09	0.07	51.5	47.5	49.2	50.3	48.3	49.2
22	14.8	6.0	129.2	15.41	69.4	47.2	57.3	76.3	32.7	39.8	0.00	0.07	53.2	48.6	50.7	51.5	49.1	50.1
23	36.0	13.1	156.4	17.22	72.9	53.8	62.9	60.4	35.2	42.7	0.00	0.09	54.1	50.2	52.1	52.5	50.4	51.4
24	35.3	14.7	168.6	5.23	69.4	52.2	61.3	94.2	44.0	50.3	0.72	0.02	54.2	51.9	52.9	52.9	51.7	52.2
25	20.4	4.7	255.5	20.28	59.2	38.1	49.5	91.0	32.7	37.6	0.04	0.09	54.5	50.0	52.3	52.8	51.0	52.0
26	12.4	5.0	42.6	18.28	61.8	45.4	53.3	81.1	39.8	38.8	0.05	0.08	55.6	50.6	52.9	53.5	51.1	52.2
27	23.9	11.4	18.4	19.94	58.7	45.5	52.2	78.5	53.1	41.2	0.00	0.09	54.7	51.9	53.2	53.5	52.1	52.8
28	32.2	10.6	90.6	1.88	52.2	37.6	44.3	94.5	71.8	40.0	0.76	0.00	52.6	49.4	50.5	53.0	50.3	51.3
29	31.1	13.5	294.8	16.63	49.2	32.1	38.4	97.6	42.7	32.1	0.13	0.06	49.4	46.5	47.9	50.3	47.8	48.7
30	25.6	9.5	137.5	24.20	65.1	30.1	49.4	96.7	31.5	34.6	0.01	0.11	51.1	44.9	48.1	49.7	46.6	48.1
31	27.9	11.0	193.8	12.92	62.9	40.5	52.8	91.7	30.3	39.7	0.12	0.06	52.4	49.5	50.5	50.8	49.4	49.9

TOT			494.58								3.20	2.10						
AVG		9.1	161.2	15.95	59.3	37.1	48.5	86.0	38.8	35.9		0.07	49.5	45.3	47.2	48.5	46.0	47.1
MAX	37.5				83.0			97.6					55.6			53.5		
MIN						15.8			21.5					34.2			35.7	

Total Heating Degree Days : 529.8

Total Cooling Degree Days : 8.6

Total Hours of Wind > 8 mph : 367

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

Illinois Climate Network (ICN)  
 April 2009  
 Monthly Summary For Belleville

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	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F
1	19.8	8.6	179.1	24.14	65.2	37.8	52.7	70.4	24.6	31.7	0.00	0.12	53.7	47.6	50.6	51.4	48.7	50.0
2	32.4	11.1	9.6	8.75	62.2	43.5	53.5	89.4	38.0	40.7	0.42	0.03	52.8	50.5	51.7	51.6	50.5	51.1
3	28.6	10.7	315.5	25.97	58.1	37.2	46.9	88.3	28.3	33.5	0.09	0.12	54.0	49.4	51.5	51.6	49.9	50.8
4	24.6	6.5	116.3	25.68	64.5	31.9	50.2	95.2	27.4	34.4	0.03	0.13	53.8	48.0	51.0	51.9	49.2	50.5
5	35.4	10.6	283.1	8.81	66.6	37.5	50.4	92.9	48.2	43.6	0.44	0.04	53.5	50.3	51.6	51.8	50.6	51.2
6	30.2	17.0	313.7	7.06	42.4	35.2	38.0	90.2	58.0	29.7	0.02	0.02	51.1	47.0	48.7	51.3	48.0	49.4
7	26.4	11.0	297.1	26.54	52.4	32.8	41.0	81.7	26.8	25.5	0.00	0.11	50.7	45.3	47.8	48.5	46.6	47.5
8	30.2	7.1	300.0	25.83	62.5	29.5	46.0	91.5	24.6	29.9	0.01	0.12	51.6	45.5	48.5	49.2	46.6	47.9
9	19.3	5.5	100.8	10.65	59.4	30.3	45.8	93.9	34.0	37.8	1.15	0.04	49.6	46.3	48.3	48.9	47.3	48.2
10	28.0	10.5	12.6	2.36	50.5	42.6	47.3	93.6	67.7	43.6	0.71	0.00	49.1	48.0	48.7	48.7	48.4	48.5
11	18.4	6.9	24.8	27.21	58.6	34.5	47.5	82.1	35.6	33.5	0.06	0.12	52.9	46.2	49.4	50.5	47.3	48.7
12	19.2	7.4	89.1	12.16	54.9	37.7	47.8	87.8	33.7	34.3	0.10	0.05	50.3	47.9	49.4	50.3	48.8	49.4
13	18.4	6.2	324.5	5.20	54.1	44.2	48.6	94.8	81.6	45.9	0.69	0.01	51.0	48.9	49.9	49.9	49.0	49.4
14	19.4	10.2	313.9	5.58	47.0	42.0	44.5	88.8	71.0	39.0	0.02	0.01	50.2	48.7	49.2	49.9	48.8	49.1
15	22.4	6.5	8.1	27.53	61.0	36.1	49.5	93.7	39.9	38.7	0.12	0.13	53.3	46.8	50.0	50.8	47.8	49.1
16	14.4	4.3	86.2	18.35	61.5	38.5	51.2	94.2	58.0	44.1	0.14	0.08	53.6	48.8	51.2	51.5	49.4	50.4
17	14.4	4.1	108.9	26.76	74.0	39.5	58.8	96.0	40.1	47.5	0.00	0.14	57.1	49.2	53.1	53.8	49.9	51.6
18	16.0	5.1	175.5	10.59	68.3	48.7	59.6	94.5	57.6	53.6	0.30	0.05	56.4	52.8	54.8	54.4	52.7	53.5
19	35.1	9.9	319.6	6.87	64.3	52.0	58.6	95.5	77.4	55.5	0.47	0.02	57.3	55.3	56.2	55.3	54.3	54.7
20	36.3	15.6	307.1	23.86	63.8	45.0	54.0	80.1	29.4	38.4	0.08	0.12	57.4	53.8	55.6	55.1	53.8	54.4
21	36.4	13.2	299.4	26.85	60.6	39.9	49.5	79.5	23.8	31.2	0.00	0.12	56.0	52.3	54.1	54.2	52.5	53.1
22	20.7	3.9	290.3	28.32	73.9	39.0	57.1	88.6	24.3	39.2	0.00	0.15	58.4	50.9	54.6	54.6	51.5	52.9
23	32.8	11.0	156.9	19.49	78.1	43.4	65.0	93.2	38.7	50.3	0.08	0.10	58.1	53.3	55.9	55.8	53.3	54.3
24	33.3	15.2	188.4	23.73	85.7	67.3	74.9	64.1	21.4	53.2	0.00	0.14	60.7	56.7	58.6	57.8	55.7	56.5
25	32.6	13.9	194.9	25.90	83.6	67.2	74.8	70.8	39.1	58.4	0.00	0.15	63.1	58.7	60.8	59.7	57.6	58.5
26	39.7	15.6	178.5	26.88	83.0	65.2	74.3	80.2	22.8	54.4	0.00	0.16	63.5	60.2	61.7	60.5	59.1	59.8
27	27.4	11.4	177.8	3.95	72.6	63.2	67.5	94.4	51.8	60.5	1.52	0.01	61.9	60.7	61.3	60.4	59.8	60.1
28	17.1	5.8	343.2	7.57	64.0	55.7	59.7	95.4	80.1	57.0	0.18	0.03	62.1	60.7	61.4	60.4	60.0	60.2
29	20.5	5.2	103.1	17.17	75.5	56.4	65.2	96.1	62.0	60.0	0.24	0.09	64.2	60.3	62.1	61.4	59.8	60.4
30	19.8	6.7	208.1	6.88	71.0	60.4	65.7	94.8	72.9	62.1	0.30	0.03	63.5	62.5	63.0	61.7	61.1	61.4
TOT				516.63							7.20	2.43						
AVG		9.2	285.5	17.22	64.6	44.5	54.9	88.4	44.6	43.6		0.08	55.7	51.8	53.7	53.8	51.9	52.8
MAX	39.7				85.7			96.1					64.2			61.7		
MIN						29.5			21.4					45.3			46.6	

Total Heating Degree Days : 348.9

Total Cooling Degree Days : 35.6

Total Hours of Wind > 8 mph : 365

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

Illinois Climate Network (ICN)  
 May 2009  
 Monthly Summary For Belleville

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	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F
1	23.0	5.6	354.6	6.60	67.3	48.5	56.7	95.8	75.3	53.5	0.07	0.02	62.5	59.0	61.1	61.6	59.9	60.9
2	9.7	2.9	46.8	19.49	64.2	48.6	56.8	92.8	43.3	47.4	0.04	0.09	62.7	57.8	60.2	60.8	58.7	59.7
3	16.6	3.3	45.8	11.51	65.1	53.4	58.3	91.5	47.2	50.6	0.05	0.05	61.6	59.2	60.5	60.5	59.5	60.1
4	13.4	3.2	20.4	16.88	70.3	50.9	59.6	91.2	34.5	47.8	0.00	0.08	62.8	58.5	60.5	60.9	59.2	60.0
5	13.4	4.1	174.5	25.06	74.5	48.0	63.2	82.3	39.1	41.7	0.02	0.04	65.3	62.9	61.8	62.4	60.2	60.6
6	10.9	3.3	131.9	8.50	66.8	54.8	60.6	95.3	77.8	57.4	0.12	0.03	63.6	61.4	62.4	62.2	61.2	61.7
7	23.6	5.1	180.6	20.29	79.3	55.0	67.9	98.3	48.1	60.8	0.08	0.11	66.6	60.2	63.3	63.6	60.5	61.8
8	29.4	4.2	5.4	10.62	72.6	58.7	64.6	95.8	64.7	61.0	0.60	0.05	65.8	63.3	64.2	63.5	62.5	63.0
9	20.6	7.7	321.6	25.03	67.9	51.8	60.9	95.5	46.6	49.0	0.00	0.13	66.5	61.6	63.7	63.4	61.8	62.6
10	10.7	2.9	160.5	16.44	66.3	44.7	57.5	93.4	37.7	46.1	0.00	0.08	63.3	59.2	61.7	62.8	60.6	61.6
11	15.0	3.9	347.8	25.44	70.4	49.4	60.3	92.3	35.0	47.2	0.00	0.13	66.0	60.1	62.8	63.1	60.6	61.8
12	22.0	7.5	147.1	27.42	72.8	46.0	61.9	96.4	31.0	47.5	0.00	0.15	64.7	58.9	62.0	62.7	60.4	61.7
13	31.0	13.1	177.4	12.69	83.1	60.1	70.6	90.7	50.3	63.1	0.51	0.06	65.6	61.8	63.6	63.5	61.8	62.5
14	19.4	4.1	343.9	28.41	75.6	57.3	66.4	94.2	35.5	53.9	0.39	0.16	69.2	63.4	66.0	66.0	63.0	64.3
15	33.2	8.3	177.2	24.12	84.7	58.1	70.5	93.3	52.3	61.8	0.29	0.14	69.8	64.1	66.9	66.8	64.1	65.4
16	29.1	11.2	330.4	19.88	65.3	48.2	59.9	93.4	37.1	49.8	0.00	0.10	67.3	62.6	65.6	66.5	64.0	65.4
17	18.2	5.6	23.9	31.61	64.7	41.9	54.1	89.3	25.0	36.8	0.00	0.16	65.6	59.4	62.5	64.1	61.4	62.8
18	15.4	4.3	145.7	30.95	69.0	41.2	56.4	94.3	24.7	39.5	0.00	0.16	65.9	58.7	62.3	63.6	60.6	62.2
19	14.7	4.7	159.4	31.30	77.6	44.9	62.7	92.8	26.5	46.4	0.00	0.18	67.2	59.4	63.3	64.4	60.9	62.6
20	19.0	6.3	169.8	32.10	80.2	48.2	66.0	94.3	27.2	48.6	0.00	0.19	67.8	60.8	64.3	65.0	61.8	63.5
21	15.7	3.7	168.2	28.02	83.5	52.6	69.2	92.0	38.6	56.8	0.00	0.16	69.7	61.7	65.8	66.3	62.5	64.3
22	13.3	2.6	140.7	27.54	85.3	58.2	72.9	97.0	31.9	60.1	0.00	0.16	71.2	64.0	67.8	67.8	64.2	65.9
23	10.2	2.0	9.4	18.03	84.1	66.5	73.2	91.2	44.9	64.0	0.04	0.10	71.9	67.6	69.5	69.0	66.7	67.7
24	15.4	4.3	88.6	14.59	80.9	66.7	72.3	90.7	56.2	64.9	0.00	0.08	70.9	67.9	69.5	68.9	67.6	68.3
25	19.5	6.0	115.2	14.17	82.1	67.7	72.1	93.4	57.4	66.8	0.50	0.07	71.9	68.3	69.8	69.4	67.9	68.6
26	22.3	7.7	159.3	17.29	79.4	65.8	71.5	93.9	63.6	67.3	0.31	0.09	72.2	68.7	70.3	69.5	68.3	68.9
27	33.6	4.1	226.0	23.91	85.5	63.6	71.9	94.7	52.0	66.2	0.95	0.14	75.1	68.9	71.5	71.1	68.6	69.7
28	18.0	6.9	340.3	5.23	66.2	57.6	62.2	95.3	79.5	58.8	0.05	0.01	71.2	67.2	69.1	70.3	67.7	69.0
29	14.2	3.9	270.6	27.62	80.4	55.3	67.4	94.9	44.5	58.1	0.00	0.16	71.9	65.6	68.5	68.9	66.4	67.5
30	21.2	5.8	278.5	21.70	87.4	58.9	71.5	93.9	40.5	61.5	0.09	0.12	71.5	66.9	69.2	68.8	67.1	68.0
31	11.1	4.1	78.1	32.42	79.9	55.0	69.0	81.9	22.4	49.5	0.00	0.19	72.2	66.6	69.4	69.4	67.0	68.3

TOT				654.85							4.10	3.40						
AVG		5.2	142.5	21.12	75.2	54.1	64.8	93.0	44.9	54.3		0.11	67.7	62.8	65.1	65.4	63.1	64.2
MAX	33.6				87.4			98.3					75.1			71.1		
MIN						41.2			22.4					57.8			58.7	

Total Heating Degree Days : 96.7

Total Cooling Degree Days : 86.5

Total Hours of Wind > 8 mph : 156

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

Illinois Climate Network (ICN)  
June 2009  
Monthly Summary For Belleville

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	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F
1	20.1	5.7	206.9	31.79	90.8	60.0	76.5	88.6	29.6	60.4	0.00	0.20	73.2	67.1	70.2	70.0	67.5	68.7
2	28.5	3.7	206.9	22.38	87.9	66.1	73.5	91.3	41.8	64.4	0.22	0.13	73.1	70.1	71.0	70.2	68.8	69.5
3	20.0	7.6	23.7	3.96	68.9	56.3	63.1	93.9	76.2	59.7	0.20	0.01	70.9	67.0	69.1	70.0	68.1	69.2
4	20.5	8.0	13.6	26.87	71.3	52.6	61.6	87.3	45.8	50.5	0.00	0.14	68.3	65.2	66.7	68.2	66.7	67.5
5	16.6	3.4	350.5	31.87	76.8	49.4	64.2	93.9	30.4	50.0	0.00	0.18	69.0	63.2	66.2	68.9	65.1	66.9
6	24.0	7.0	166.8	28.83	80.2	53.2	68.2	94.8	32.2	54.1	0.00	0.17	68.8	64.4	66.8	68.7	66.1	67.5
7	18.0	4.6	149.8	12.52	80.0	58.1	70.5	92.7	53.2	62.0	0.00	0.06	69.1	65.6	67.6	68.5	66.7	67.7
8	66.9	7.1	167.3	17.09	85.0	63.9	72.0	94.3	59.1	65.5	0.75	0.09	71.7	67.6	69.0	69.9	67.6	68.6
9	15.7	5.1	20.0	16.53	72.9	62.2	68.4	92.3	68.0	62.4	0.00	0.08	70.8	68.1	69.6	70.0	68.3	69.2
10	37.9	4.4	161.9	22.82	86.4	65.0	75.1	94.7	54.8	67.9	2.31	0.13	74.7	69.0	71.7	72.6	69.0	70.4
11	27.8	7.8	313.1	24.09	82.7	65.3	71.9	95.5	53.4	65.5	0.01	0.14	76.0	70.9	73.1	73.3	70.6	71.8
12	11.6	3.8	32.1	12.21	73.0	61.7	66.1	95.0	66.8	60.7	0.00	0.06	72.8	70.4	71.5	72.5	70.6	71.2
13	13.8	3.1	321.1	23.08	83.8	59.5	72.1	97.7	52.7	65.0	0.00	0.13	74.6	68.5	71.6	72.4	69.2	70.8
14	14.0	4.8	355.6	20.64	80.0	65.2	71.5	92.9	51.9	63.7	0.00	0.11	74.2	70.6	72.4	72.7	70.6	71.6
15	12.2	3.5	118.0	10.03	78.3	65.5	70.2	95.7	70.0	66.6	1.05	0.05	72.5	70.2	71.3	72.0	70.3	71.0
16	21.1	5.4	188.4	16.71	82.7	67.3	72.6	95.0	59.4	67.5	0.86	0.09	74.1	70.8	72.2	72.2	70.5	71.3
17	14.6	2.7	307.2	25.58	91.4	66.9	79.6	97.3	54.0	72.3	0.00	0.16	77.2	71.0	74.1	74.4	70.8	72.4
18	17.2	6.7	209.4	28.36	92.9	73.8	83.7	95.2	50.2	73.6	0.00	0.18	79.2	74.5	76.8	76.2	73.6	74.7
19	48.6	8.9	221.2	29.48	94.0	71.9	85.1	92.2	49.6	73.2	0.39	0.19	80.0	76.0	78.0	77.1	74.9	75.9
20	15.9	3.4	295.3	22.68	90.3	71.7	79.7	94.4	57.2	72.2	0.19	0.14	80.7	76.5	78.5	77.8	75.5	76.6
21	26.6	3.7	194.7	27.66	93.9	72.7	82.7	94.6	45.0	73.0	0.10	0.17	81.2	76.7	79.0	78.6	76.0	77.2
22	19.1	3.0	292.0	26.62	94.7	72.7	83.4	95.2	45.3	73.7	0.00	0.17	81.6	77.5	79.7	79.1	76.9	78.0
23	16.7	3.8	16.3	30.20	94.8	73.7	84.5	96.0	39.0	73.0	0.00	0.19	82.1	77.8	80.0	80.0	77.3	78.5
24	20.9	2.8	305.8	24.25	93.1	70.0	80.9	91.7	43.9	70.5	0.00	0.15	81.5	77.6	79.6	79.4	77.7	78.7
25	12.3	2.8	241.5	27.46	95.2	72.5	84.0	93.9	38.7	72.5	0.00	0.17	81.6	77.3	79.5	79.5	77.4	78.4
26	14.6	3.9	346.0	25.00	93.2	72.9	83.5	93.1	43.4	72.0	0.00	0.16	81.3	77.8	79.6	79.6	77.7	78.7
27	32.4	3.4	216.4	30.39	96.0	68.7	82.9	92.3	36.5	70.5	0.00	0.19	81.0	76.6	78.9	79.4	77.1	78.3
28	25.8	8.8	330.4	31.99	84.3	62.7	76.2	89.7	28.2	59.9	0.01	0.20	79.6	75.7	78.3	78.9	77.5	78.2
29	31.5	9.2	303.3	32.33	90.3	61.9	76.7	79.7	25.6	55.4	0.00	0.20	77.2	73.3	75.3	77.5	75.0	76.1
30	24.8	7.9	327.2	31.25	86.2	63.0	74.6	88.0	32.4	58.0	0.00	0.19	76.8	72.6	74.6	76.2	74.1	75.2
TOT				714.67							6.08	4.23						
AVG		5.2	290.7	23.82	85.7	64.9	75.2	93.0	47.8	65.2		0.14	75.8	71.7	73.7	74.2	71.9	73.0
MAX	66.9				96.0			97.7					82.1			80.0		
MIN						49.4			25.6					63.2			65.1	

Total Heating Degree Days : 7.3

Total Cooling Degree Days : 316.1

Total Hours of Wind > 8 mph : 155

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

Illinois Climate Network (ICN)  
 July 2009  
 Monthly Summary For Belleville

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	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F
1	23.6	7.5	328.4	25.43	81.4	60.9	71.7	93.4	45.4	59.8	0.00	0.15	75.2	72.0	73.6	75.3	73.5	74.4
2	19.5	6.0	338.8	26.40	81.8	60.2	71.4	93.3	43.5	59.9	0.00	0.15	74.9	71.2	73.1	75.0	72.8	73.9
3	15.2	2.7	24.3	28.29	83.7	59.1	72.7	95.1	43.0	61.3	0.00	0.17	75.0	70.1	72.8	75.1	72.1	73.7
4	19.9	5.7	131.4	6.16	76.2	66.9	71.2	95.2	73.4	67.5	2.06	0.02	73.6	70.4	71.9	74.6	72.4	73.2
5	16.8	7.3	4.0	8.97	74.9	65.3	70.1	94.4	71.2	65.9	0.00	0.04	72.3	71.2	72.0	73.1	72.6	72.8
6	15.9	3.6	358.3	26.20	82.9	63.8	72.5	93.9	32.1	61.5	0.00	0.15	73.7	71.2	71.6	73.5	71.6	72.4
7	13.9	2.2	298.7	24.78	85.8	61.8	73.7	95.0	42.3	63.7	0.00	0.15	77.0	69.4	73.1	74.9	71.3	73.0
8	13.6	3.5	192.9	29.30	87.0	64.9	76.2	95.4	37.0	64.4	0.00	0.18	78.6	71.8	75.1	76.3	72.7	74.4
9	8.3	2.3	72.8	27.48	89.5	65.1	77.6	94.4	40.8	68.1	0.00	0.17	80.5	73.0	76.7	77.7	73.8	75.7
10	26.8	5.5	175.1	11.94	86.2	69.0	77.4	94.3	52.6	69.2	0.01	0.06	77.4	74.9	76.2	77.1	75.3	76.0
11	21.7	6.4	161.2	13.24	86.4	71.6	77.5	93.5	69.4	71.4	0.02	0.07	78.0	74.5	75.9	76.3	74.6	75.4
12	24.7	3.2	61.1	9.36	80.2	66.2	71.6	95.3	64.2	67.9	0.67	0.04	76.6	73.5	75.1	76.1	74.4	75.1
13	12.6	3.2	96.6	29.34	83.3	62.4	72.7	97.2	48.6	65.1	0.00	0.17	78.7	71.6	75.1	76.7	72.9	74.6
14	13.0	4.8	131.0	12.83	79.4	63.3	73.1	95.7	60.1	66.0	0.00	0.07	75.4	72.6	74.3	76.0	73.8	74.6
15	17.7	4.8	173.1	10.11	85.0	70.0	76.6	95.2	73.1	72.6	0.19	0.05	76.3	73.3	74.7	75.2	73.6	74.3
16	11.2	2.6	199.5	27.31	86.2	67.2	76.7	97.5	45.5	67.7	0.00	0.16	79.5	73.2	76.2	77.3	73.8	75.3
17	26.1	11.6	322.7	30.19	76.7	64.9	70.1	89.5	38.3	54.8	0.00	0.17	76.7	73.1	74.9	76.7	74.1	75.1
18	21.4	7.6	328.6	17.86	71.5	62.0	66.3	88.0	49.6	53.8	0.00	0.09	73.2	71.0	72.1	74.1	72.2	72.8
19	9.7	1.8	108.9	18.61	76.7	60.3	68.1	93.8	48.3	58.8	0.00	0.10	74.2	70.2	72.0	73.3	71.4	72.2
20	15.4	4.6	137.1	28.82	81.5	57.4	70.6	97.0	47.3	60.9	0.00	0.17	76.0	68.9	72.5	74.2	70.8	72.5
21	18.8	6.8	144.3	11.36	76.1	64.6	69.2	86.4	56.5	60.3	0.00	0.05	73.2	71.0	72.1	73.6	72.0	72.6
22	19.8	6.2	347.4	15.80	78.3	62.8	69.0	94.5	55.8	62.1	0.00	0.08	72.8	70.2	71.2	72.2	71.1	71.6
23	17.8	3.7	262.1	26.78	84.3	60.6	71.7	95.8	39.7	63.3	0.31	0.16	75.7	68.7	72.1	73.6	70.3	71.8
24	14.2	4.4	192.4	26.13	87.0	75.3	73.6	82.5	51.8	65.9	0.02	0.15	77.8	75.3	74.4	75.4	72.8	73.5
25	22.1	6.3	288.7	20.74	85.9	64.4	76.6	97.6	47.9	67.0	0.00	0.12	77.1	73.7	75.2	75.4	74.0	74.6
26	20.4	4.6	321.4	30.34	83.4	62.5	72.6	98.4	41.2	62.5	0.00	0.18	76.8	71.2	73.9	75.0	72.5	73.8
27	13.2	2.8	187.7	29.23	86.0	61.1	73.8	100.0	40.2	64.4	0.00	0.18	77.2	70.7	74.0	75.6	72.2	73.9
28	30.9	2.9	182.3	22.21	89.5	65.0	74.6	100.0	40.5	68.4	0.00	0.13	78.7	72.0	75.1	76.5	73.2	74.8
29	15.2	4.9	342.7	24.60	81.9	66.2	73.8	96.3	44.9	64.3	0.00	0.14	77.1	73.4	75.1	76.4	74.2	75.2
30	12.9	2.3	9.9	14.32	81.5	64.5	72.2	98.3	64.6	66.6	0.00	0.08	76.6	72.5	74.4	75.7	73.8	74.8
31	13.8	3.9	319.4	26.51	81.9	60.1	71.2	98.5	35.1	60.0	0.00	0.15	76.7	71.5	73.9	75.9	73.0	74.4
TOT				660.68							3.28	3.75						
AVG		4.7	328.1	21.31	82.3	64.2	72.8	94.7	49.8	64.0		0.12	76.2	71.8	73.9	75.3	72.9	74.0
MAX	30.9				89.5			100.0					80.5			77.7		
MIN						57.4			32.1					68.7			70.3	

Total Heating Degree Days : 0.0

Total Cooling Degree Days : 255.7

Total Hours of Wind > 8 mph : 138

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

Illinois Climate Network (ICN)  
August 2009  
Monthly Summary For Belleville

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	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F
1	17.9	4.3	282.3	14.27	78.8	58.5	68.6	100.0	61.3	64.9	0.82	0.07	73.8	70.1	72.3	74.6	72.2	73.3
2	10.8	2.2	213.5	27.70	80.0	60.9	69.9	100.0	42.2	61.3	0.00	0.16	76.3	69.6	72.8	75.1	71.4	73.1
3	18.8	5.8	183.8	23.07	89.0	59.6	75.6	100.1	53.3	69.7	0.00	0.18	76.4	70.0	73.3	75.0	71.8	73.4
4	19.9	5.0	160.1	13.92	84.4	68.9	78.0	97.7	64.0	73.0	0.00	0.10	76.9	74.3	75.6	75.8	74.2	75.0
5	12.1	3.2	21.5	26.06	86.6	64.5	75.5	100.6	53.4	69.2	0.00	0.18	78.6	72.8	75.7	77.0	73.7	75.3
6	9.0	3.0	47.0	27.65	83.5	63.9	73.4	97.2	45.2	64.3	0.00	0.19	78.6	73.3	75.9	77.2	74.3	75.8
7	19.3	6.3	163.4	23.87	85.8	62.0	75.3	99.9	56.6	68.8	0.00	0.19	78.2	72.5	75.4	76.6	73.9	75.3
8	21.5	9.6	183.1	27.94	91.5	71.9	81.9	97.2	55.1	73.7	0.00	0.25	80.4	74.6	77.4	78.0	74.9	76.4
9	18.8	8.3	187.0	28.17	92.0	75.1	82.5	95.4	46.8	73.9	0.00	0.25	81.6	76.1	78.7	79.1	76.2	77.5
10	20.2	4.3	234.5	18.57	86.6	70.2	77.4	98.3	60.2	72.0	0.39	0.13	80.5	75.9	78.3	78.7	76.4	77.6
11	17.8	4.2	331.8	18.42	85.9	66.9	75.3	96.8	48.3	69.0	0.00	0.14	79.1	75.2	76.9	77.8	75.9	76.9
12	13.7	3.2	16.6	28.03	83.3	61.3	72.5	99.3	39.1	63.5	0.00	0.20	78.6	72.9	75.7	77.5	74.4	76.0
13	11.6	1.4	95.5	28.52	84.4	56.6	70.8	100.7	42.8	62.3	0.00	0.19	78.5	70.9	74.7	77.1	73.2	75.2
14	12.7	2.5	139.3	26.91	85.7	58.5	73.4	100.8	48.7	65.6	0.00	0.19	78.5	71.2	75.0	77.0	73.3	75.2
15	16.5	5.4	174.2	27.53	87.9	65.6	76.9	99.8	41.0	67.8	0.00	0.23	78.8	73.0	75.8	77.3	74.3	75.8
16	24.3	6.9	170.9	20.27	90.6	71.1	77.4	98.8	52.1	72.1	0.69	0.17	79.1	74.4	76.2	77.4	75.1	76.1
17	29.1	5.9	174.5	19.11	88.4	67.7	75.4	99.3	62.3	72.0	1.67	0.13	80.1	74.7	76.4	78.1	75.2	76.2
18	11.1	1.5	169.9	20.30	82.8	65.7	73.5	100.8	64.6	69.6	0.00	0.12	79.2	73.7	76.3	77.6	74.5	75.9
19	24.7	7.2	181.4	22.01	88.7	71.4	77.4	98.8	62.9	72.7	0.00	0.17	80.3	75.8	77.8	78.6	76.0	77.2
20	22.8	5.8	233.9	21.33	81.0	64.8	71.8	98.5	43.1	65.0	0.32	0.15	78.3	75.4	76.8	77.9	75.9	76.7
21	26.8	5.9	289.9	22.43	79.9	60.2	69.5	92.2	50.8	60.8	0.01	0.17	77.1	73.1	74.9	76.3	74.2	75.3
22	19.5	6.7	345.0	23.39	74.8	55.4	65.0	98.6	45.3	57.3	0.00	0.18	73.6	70.7	72.4	75.1	72.8	73.7
23	8.5	1.7	33.5	21.45	75.5	53.0	64.2	100.4	51.7	57.7	0.00	0.13	73.3	68.3	70.9	73.2	70.6	72.1
24	13.7	2.1	128.7	26.40	77.3	52.2	65.4	101.0	55.7	59.6	0.00	0.17	74.5	67.9	71.2	73.6	70.1	71.9
25	12.6	3.1	157.7	26.19	80.3	54.4	68.0	101.0	58.5	62.6	0.00	0.17	75.2	68.4	71.9	74.0	70.4	72.2
26	14.0	3.2	174.6	25.24	85.8	57.1	72.1	100.9	55.6	66.1	0.00	0.18	76.0	69.4	72.8	74.6	71.1	72.8
27	12.1	3.9	158.7	25.23	86.4	62.7	74.9	100.5	46.8	67.2	0.00	0.19	76.9	71.1	74.0	75.6	72.3	73.9
28	16.0	4.6	316.1	10.30	77.1	67.1	71.8	96.7	71.7	67.9	0.00	0.07	74.9	73.0	73.9	74.9	73.8	74.2
29	18.6	6.6	329.0	25.21	78.6	55.5	67.9	99.6	46.4	59.8	0.00	0.20	74.4	70.5	72.3	74.3	72.1	73.2
30	15.7	5.3	5.1	20.34	68.1	49.1	59.5	97.9	57.0	53.2	0.00	0.14	70.5	67.1	68.9	72.8	69.8	70.9
31	10.6	3.6	24.5	14.27	72.6	51.7	60.4	99.0	47.4	53.0	0.00	0.09	69.7	65.7	67.5	70.3	68.2	69.2
TOT				704.09							3.90	5.06						
AVG		4.6	194.5	22.71	83.0	62.1	72.3	99.0	52.6	65.7		0.16	77.0	72.0	74.4	76.1	73.3	74.6
MAX	29.1				92.0			101.0					81.6			79.1		
MIN						49.1			39.1					65.7			68.2	

Total Heating Degree Days : 10.2

Total Cooling Degree Days : 243.8

Total Hours of Wind > 8 mph : 127

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

Illinois Climate Network (ICN)  
September 2009  
Monthly Summary For Belleville

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	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F
1	15.3	3.2	43.0	24.17	73.9	45.1	60.5	99.3	43.4	51.6	0.00	0.16	70.0	63.8	66.9	70.0	66.6	68.4
2	12.2	1.5	32.5	23.26	76.5	46.8	61.2	100.0	43.0	53.8	0.00	0.14	70.6	63.8	67.1	70.2	66.5	68.4
3	16.0	2.2	15.2	23.07	81.3	50.3	66.4	100.0	45.7	58.6	0.00	0.15	71.8	64.7	68.3	71.1	67.0	69.0
4	11.9	2.3	71.6	17.81	80.0	55.8	68.4	100.0	57.0	63.4	0.00	0.11	72.5	67.0	69.8	71.7	68.7	70.2
5	12.7	4.1	70.8	7.27	72.9	65.2	68.0	99.7	85.1	66.3	1.30	0.03	70.7	68.0	69.6	71.0	69.5	70.2
6	8.4	1.9	68.9	10.46	78.2	63.7	69.0	100.0	71.0	66.8	0.00	0.05	72.3	69.1	70.5	71.6	69.7	70.5
7	9.1	2.4	55.3	21.40	82.1	61.5	71.1	100.0	58.2	66.4	0.00	0.14	74.4	69.4	71.8	73.4	70.1	71.6
8	10.6	2.3	61.0	22.07	80.7	58.3	69.2	100.0	55.8	64.2	0.00	0.14	74.5	69.5	72.0	73.6	70.7	72.2
9	9.2	2.1	57.6	22.41	82.3	56.6	69.3	100.0	49.9	63.2	0.00	0.14	74.3	68.8	71.7	73.5	70.4	72.0
10	10.8	2.6	30.7	21.30	82.0	58.7	70.0	100.0	53.8	64.9	0.00	0.14	74.0	69.5	71.9	73.6	70.8	72.3
11	10.6	2.4	40.8	21.38	81.5	59.6	69.7	100.0	54.3	64.4	0.00	0.14	73.9	69.5	71.7	73.6	70.8	72.2
12	13.0	3.3	52.1	20.84	80.5	59.0	69.3	100.0	44.8	61.8	0.02	0.14	72.9	69.1	71.1	72.9	70.6	71.9
13	13.4	3.5	43.8	20.14	78.9	56.6	66.7	98.6	51.3	60.0	0.00	0.13	71.9	68.0	70.0	72.0	69.7	71.0
14	13.4	3.8	51.7	22.11	79.9	53.3	67.4	99.4	52.6	59.8	0.00	0.15	71.6	66.6	69.3	71.7	68.6	70.3
15	9.4	3.6	35.0	6.52	78.4	64.2	69.9	89.4	63.9	63.3	0.00	0.04	70.9	69.0	69.8	71.0	70.0	70.5
16	15.9	6.0	37.5	18.96	82.9	60.9	71.5	95.8	53.9	63.3	0.00	0.15	71.9	68.0	69.9	71.8	69.2	70.4
17	17.4	6.1	29.3	23.21	79.2	57.6	66.7	89.2	36.9	55.4	0.00	0.19	71.0	67.6	69.2	71.5	69.2	70.4
18	16.5	5.3	25.6	20.24	78.2	53.5	65.6	91.5	43.0	54.2	0.00	0.16	70.0	65.9	67.9	70.4	67.9	69.3
19	12.9	4.5	41.1	15.55	80.5	56.7	68.4	89.2	50.4	56.8	0.03	0.12	70.1	66.0	68.2	70.2	67.8	69.1
20	7.6	2.5	6.4	5.43	68.9	62.3	65.1	98.1	82.2	63.0	0.12	0.02	69.4	67.8	68.6	69.7	68.8	69.2
21	14.9	4.4	155.4	13.65	81.8	64.5	71.4	98.5	66.2	67.7	0.01	0.09	72.1	68.4	70.1	71.2	68.9	69.9
22	16.9	3.0	188.7	16.18	80.9	63.6	70.9	99.2	58.7	66.6	0.07	0.10	74.0	69.9	71.6	72.6	70.2	71.2
23	10.6	3.1	23.9	11.17	78.5	64.2	70.5	99.2	68.1	66.7	0.00	0.06	72.9	69.9	71.3	72.1	70.5	71.3
24	13.4	2.9	38.1	5.66	74.3	66.8	69.4	99.3	82.3	67.6	0.22	0.02	72.0	70.4	71.1	71.7	70.7	71.2
25	16.1	3.4	319.2	16.33	78.2	56.0	67.6	99.9	48.7	62.8	0.00	0.11	73.1	69.3	71.1	72.1	70.4	71.1
26	22.0	2.7	310.3	12.11	72.2	51.0	59.4	100.0	65.4	56.8	0.27	0.07	69.3	66.2	67.9	70.8	68.1	69.0
27	34.0	6.4	206.2	21.02	80.3	48.7	66.0	100.0	42.2	57.3	0.00	0.18	68.8	63.6	66.4	68.4	65.7	67.2
28	32.2	12.9	300.8	20.88	70.0	51.1	61.0	77.0	33.7	42.1	0.00	0.27	67.7	63.0	64.9	68.3	65.4	66.6
29	18.7	6.4	312.4	20.30	65.1	44.3	54.6	97.6	49.0	45.4	0.00	0.15	64.4	60.9	62.5	65.4	63.2	64.3
30	11.4	3.1	117.1	20.25	69.2	39.7	55.2	100.0	49.7	48.5	0.00	0.12	64.9	58.7	61.9	64.7	61.5	63.2
TOT				525.18							2.05	3.64						
AVG		3.8	26.6	17.51	77.6	56.5	66.6	97.6	55.3	60.1		0.12	71.3	67.1	69.1	71.1	68.6	69.8
MAX	34.0				82.9			100.0					74.5			73.6		
MIN						39.7			33.7					58.7			61.5	

Total Heating Degree Days : 38.0

Total Cooling Degree Days : 100.4

Total Hours of Wind > 8 mph : 57

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

Illinois Climate Network (ICN)  
 October 2009  
 Monthly Summary For Belleville

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	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F
1	24.1	8.2	159.2	5.04	72.1	50.7	61.7	95.1	60.3	55.8	0.04	0.06	63.4	61.5	62.4	64.0	62.8	63.3
2	26.8	6.4	236.7	18.35	67.2	47.7	58.6	86.5	32.7	41.9	0.00	0.16	63.6	60.8	62.3	63.9	62.3	63.2
3	17.8	5.1	290.5	12.41	62.1	41.3	52.6	94.4	51.2	43.0	0.00	0.09	62.0	59.3	60.7	63.0	61.3	62.0
4	9.9	1.3	222.7	19.60	67.4	37.7	50.6	100.0	39.3	43.3	0.00	0.11	62.7	56.4	59.5	62.5	59.1	60.9
5	13.0	2.6	120.3	19.86	71.5	36.4	53.6	100.0	37.8	44.9	0.00	0.12	62.6	56.2	59.4	62.3	58.9	60.7
6	28.9	8.5	234.9	6.27	69.3	51.5	61.5	98.4	46.8	54.8	0.19	0.07	62.9	59.7	61.1	62.7	61.0	61.7
7	17.4	3.9	246.8	19.98	66.5	38.8	53.1	94.8	33.3	42.2	0.00	0.12	62.5	57.3	60.0	62.2	59.5	61.0
8	15.5	4.7	91.4	2.65	57.8	51.7	54.5	100.0	92.1	54.0	2.13	0.00	60.5	58.5	59.3	61.6	59.9	60.4
9	21.8	8.0	340.5	1.86	56.2	42.6	51.1	100.0	86.8	50.1	0.63	0.00	59.3	57.5	58.8	60.0	58.9	59.7
10	13.3	4.1	357.1	19.03	58.3	32.5	45.6	100.0	45.6	38.2	0.00	0.11	58.8	54.8	56.9	59.0	57.0	58.2
11	14.2	4.8	31.5	18.47	55.4	33.0	43.8	96.4	43.4	34.4	0.00	0.10	57.5	54.6	56.0	58.4	56.4	57.3
12	14.8	4.1	358.0	7.87	60.7	42.8	51.2	91.2	60.6	44.8	0.01	0.05	57.7	55.0	56.3	57.9	56.4	57.1
13	15.8	6.4	29.0	2.55	48.8	45.0	46.8	98.1	80.2	43.1	0.65	0.02	57.2	54.6	56.0	57.9	56.4	57.0
14	17.8	5.1	38.8	2.49	46.7	44.9	45.7	99.7	92.4	45.1	0.77	0.00	54.5	53.6	54.1	56.4	55.1	55.3
15	15.2	6.1	353.6	4.33	50.5	44.9	46.9	99.8	84.2	44.9	0.16	0.02	54.7	53.5	54.2	55.2	54.6	54.9
16	16.4	7.1	347.3	3.57	48.4	43.2	44.6	92.7	72.7	40.7	0.03	0.02	54.3	53.2	53.7	55.1	54.3	54.6
17	20.4	5.8	348.9	12.00	51.9	33.3	43.5	97.2	49.0	36.4	0.00	0.08	54.0	51.6	53.1	54.5	53.6	54.0
18	15.6	4.2	182.7	17.89	58.2	29.4	44.1	100.0	35.1	34.3	0.00	0.12	53.6	49.4	51.6	53.8	51.7	52.9
19	23.8	8.7	177.0	16.83	69.0	37.6	54.1	96.8	38.7	42.4	0.00	0.17	54.6	50.7	52.7	54.5	52.2	53.3
20	25.0	8.9	174.2	15.55	73.9	48.3	59.4	86.4	48.3	49.6	0.00	0.15	56.8	53.1	54.9	56.2	53.9	54.9
21	14.0	5.7	166.3	7.32	65.4	45.3	55.1	82.4	-3.7	47.2	0.00	0.06	56.1	54.3	55.3	56.0	55.0	55.6
22	17.7	6.4	121.6	2.14	61.6	52.1	57.2	97.1	78.0	54.9	1.97	0.01	58.2	55.6	56.5	57.5	55.9	56.4
23	17.1	4.7	251.0	5.65	62.2	44.1	52.5	97.5	63.5	47.8	0.13	0.03	58.5	56.8	58.1	58.1	57.4	57.8
24	18.3	4.7	233.5	16.78	60.8	39.4	49.2	91.6	29.9	37.1	0.00	0.11	57.7	55.0	56.3	57.4	56.0	56.8
25	17.1	6.8	167.1	10.83	67.2	46.9	55.9	94.3	41.5	44.4	0.15	0.11	57.3	55.0	56.2	57.1	55.8	56.5
26	13.7	5.2	312.8	6.61	60.8	47.4	52.9	96.2	63.7	48.6	0.04	0.04	58.0	56.2	57.1	57.7	56.6	57.1
27	10.2	3.5	40.5	1.94	52.5	47.0	49.8	96.6	93.0	48.6	0.62	0.00	56.9	55.9	56.4	57.4	56.5	56.8
28	11.5	3.9	135.3	3.57	56.8	48.0	52.8	98.0	79.7	50.3	0.00	0.02	57.1	56.0	56.5	57.0	56.4	56.6
29	21.7	7.7	125.7	1.79	66.6	45.2	54.3	97.6	88.1	52.8	0.92	0.00	57.4	55.0	55.7	56.7	55.7	56.1
30	27.3	8.5	198.6	1.97	70.1	48.9	57.3	97.9	52.6	52.5	2.90	0.02	60.0	57.1	58.9	57.1	55.0	56.4
31	20.0	5.7	296.2	14.43	55.3	33.6	45.8	96.2	31.9	33.9	0.00	0.12	57.2	53.7	55.8	56.8	55.0	56.1
TOT				299.64							11.34	2.10						
AVG		5.7	204.6	9.67	61.0	42.9	51.8	95.9	56.4	45.2		0.07	58.3	55.5	57.0	58.4	56.8	57.6
MAX	28.9				73.9			100.0					63.6			64.0		
MIN						29.4			-3.7					49.4			51.7	

Total Heating Degree Days : 403.7

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 164

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

\*\* For further information on the ICN contact: Bob Scott (217) 333-4966  
Illinois State Water Survey  
2204 Griffith Dr. Champaign, IL 61820-7495  
rwscott1@illinois.edu