

Illinois Climate Network (ICN)  
 September 2007  
 Monthly Summary for Belleville

Weather Data  
 Illinois Climate Network Monthly Summaries - Belleville, IL

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	13.0	4.1	43.0	26.08	86.4	56.2	69.6	87.5	25.2	52.9	0.00	0.23	80.7	70.7	75.6	77.7	73.3	75.6
2	9.2	1.3	354.9	25.89	92.2	51.6	70.2	95.0	19.7	53.6	0.00	0.24	81.0	70.0	75.4	77.8	72.8	75.4
3	13.7	1.9	349.8	24.43	94.6	56.2	74.5	93.4	23.1	58.5	0.00	0.23	81.9	71.2	76.3	78.6	73.4	75.9
4	13.7	2.9	174.2	20.87	94.8	62.3	77.5	93.3	31.5	64.0	0.00	0.20	82.2	73.6	77.7	79.5	75.1	77.2
5	34.6	4.3	167.9	14.12	88.1	66.1	74.1	93.7	50.4	67.1	0.02	0.13	80.0	74.9	77.2	78.4	76.0	77.2
6	28.5	8.5	171.6	11.46	81.4	68.0	73.2	93.5	70.8	68.9	0.24	0.10	77.5	74.4	75.7	77.3	75.6	76.3
7	18.7	7.3	191.5	8.55	81.9	70.3	75.0	94.0	67.3	69.6	0.95	0.08	76.8	73.7	74.8	76.7	74.3	75.2
8	13.8	3.1	176.2	6.14	77.3	70.4	73.4	95.1	87.5	71.2	0.59	0.05	76.6	73.9	75.2	76.0	74.3	75.2
9	15.6	3.3	9.9	19.81	86.3	62.6	74.3	95.4	32.0	66.0	0.00	0.18	80.4	74.7	77.0	77.8	74.9	76.1
10	26.4	3.9	2.3	20.35	87.7	61.6	72.5	93.9	32.6	61.5	0.00	0.18	79.3	72.8	75.9	77.4	74.1	75.7
11	20.7	7.4	317.6	23.97	77.1	55.5	65.3	90.0	33.4	52.5	0.00	0.20	76.7	72.0	74.3	76.6	73.6	74.8
12	10.1	2.0	18.8	24.65	75.8	46.9	59.4	94.2	23.4	45.0	0.00	0.20	74.6	67.5	71.1	74.0	70.3	72.0
13	13.6	2.9	172.3	23.62	83.2	46.6	64.2	95.6	29.2	51.3	0.00	0.21	73.4	65.8	69.8	72.7	68.6	70.7
14	22.8	8.1	330.1	20.48	73.6	51.1	62.6	95.2	27.4	46.0	0.00	0.18	71.9	67.5	69.4	71.8	69.5	70.3
15	14.7	3.7	22.1	22.14	66.4	42.0	52.7	92.0	24.5	37.2	0.00	0.17	69.5	63.7	66.6	69.7	66.5	68.0
16	14.2	3.6	163.6	14.20	72.0	48.8	61.5	92.2	32.0	47.5	0.00	0.12	68.5	64.6	66.4	68.7	66.3	67.5
17	18.9	6.2	170.1	21.41	86.4	60.7	72.5	85.1	39.5	56.8	0.00	0.20	72.8	66.6	69.4	71.5	67.7	69.4
18	19.5	6.6	174.0	21.65	87.1	60.3	73.8	92.4	43.6	62.4	0.00	0.20	74.4	67.9	71.1	72.9	69.1	70.9
19	13.1	3.3	188.5	18.29	89.0	60.5	73.8	94.2	43.0	63.9	0.00	0.17	76.0	69.2	72.5	74.0	70.4	72.1
20	13.0	2.3	169.4	19.43	89.5	62.6	74.1	95.2	36.5	63.5	0.00	0.18	77.2	70.5	73.8	75.1	71.5	73.2
21	16.1	3.8	181.8	21.08	89.2	58.4	72.7	95.6	27.1	58.5	0.00	0.20	76.5	70.1	73.2	74.9	71.7	73.4
22	13.0	3.0	29.8	19.94	87.5	59.8	73.2	93.9	39.7	61.3	0.00	0.18	77.7	70.1	73.6	75.1	71.5	73.2
23	20.6	3.9	144.8	18.88	92.3	59.8	75.7	94.5	36.5	63.1	0.00	0.18	77.5	70.4	74.1	75.4	71.9	73.8
24	22.0	7.1	176.2	18.93	87.4	67.9	77.7	90.6	53.3	68.4	0.00	0.18	78.1	72.2	75.2	76.1	73.1	74.7
25	16.4	6.3	197.8	9.00	83.9	69.8	76.8	90.6	58.2	68.9	0.00	0.08	76.6	74.3	75.4	75.7	74.5	75.0
26	12.9	3.8	343.1	8.36	71.3	63.3	67.6	92.1	67.1	61.3	0.00	0.07	74.9	72.8	73.8	75.0	73.5	73.9
27	13.5	3.3	334.3	20.14	81.0	55.3	68.0	94.1	27.9	54.7	0.00	0.18	77.7	71.1	73.8	74.9	72.2	73.4
28	17.6	2.7	320.1	20.95	84.0	49.0	65.5	95.2	18.8	49.1	0.00	0.19	75.5	67.0	71.1	73.1	69.8	71.6
29	19.3	4.4	159.1	20.48	83.5	48.1	64.8	94.8	22.2	47.7	0.00	0.19	73.1	65.6	69.3	71.8	68.5	70.3
30	26.6	9.2	178.0	19.30	86.8	47.7	70.2	94.4	33.2	54.0	0.00	0.18	72.4	64.8	68.9	71.2	67.7	69.6
TOT				564.60							1.80	5.08						
AVG		4.5	179.8	18.82	83.9	58.0	70.2	93.2	38.6	58.2		0.17	76.4	70.1	73.1	74.9	71.7	73.3
MAX	34.6				94.8			95.6					82.2			79.5		
MIN						42.0			18.8					63.7			66.3	

Total Heating Degree Days : 21.8

Total Cooling Degree Days : 200.4

Total Hours of Wind > 8 mph : 125

Illinois Climate Network (ICN)  
 October 2007  
 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	30.3	5.6	256.8	20.31	81.4	55.3	70.7	93.5	39.9	55.9	0.00	0.18	76.0	69.4	72.1	73.2	70.2	71.4
2	24.4	8.6	181.6	14.74	83.9	49.5	69.8	96.0	54.5	60.3	0.00	0.13	72.9	66.5	70.2	71.9	68.9	70.7
3	18.9	4.0	0.6	19.05	81.3	58.6	67.8	92.2	33.0	56.7	0.31	0.17	75.6	69.8	72.1	73.3	70.4	71.8
4	14.7	3.5	154.2	18.95	89.1	56.8	72.3	94.7	34.8	60.8	0.00	0.18	75.6	67.8	71.6	73.6	69.6	71.6
5	16.5	5.1	170.1	17.54	90.0	63.1	76.6	95.1	44.2	66.4	0.00	0.17	76.7	70.0	73.4	74.6	71.1	72.9
6	18.6	4.9	174.3	16.78	89.5	67.4	76.8	93.9	44.1	67.3	0.00	0.16	77.1	71.3	74.1	75.1	72.1	73.6
7	17.1	3.8	172.8	17.13	91.2	63.4	75.2	95.1	34.5	63.5	0.00	0.16	77.0	71.0	73.9	75.0	72.1	73.6
8	18.9	4.9	264.4	13.17	90.6	60.9	73.0	95.2	37.8	63.5	0.00	0.12	76.4	70.1	73.2	74.3	71.5	73.0
9	18.7	5.6	312.5	19.35	81.3	53.2	67.8	92.5	25.2	48.0	0.00	0.17	75.1	68.9	72.0	73.6	70.8	72.1
10	25.2	10.0	331.2	16.21	64.0	43.1	54.9	77.6	41.0	39.6	0.00	0.12	69.5	64.5	67.3	71.3	67.4	68.9
11	20.4	5.8	335.4	18.93	64.0	40.4	50.5	92.9	41.9	40.1	0.00	0.14	67.8	61.1	64.0	67.4	64.4	66.0
12	11.1	1.5	306.7	13.45	65.4	35.5	49.8	96.4	41.4	41.4	0.00	0.10	65.7	58.9	62.2	65.8	62.7	64.2
13	12.6	3.8	130.6	6.22	67.1	44.1	57.6	93.1	47.0	46.4	0.00	0.05	63.9	60.6	62.2	64.6	63.0	63.9
14	17.2	4.9	162.7	17.15	80.9	46.4	63.3	93.5	30.2	48.0	0.00	0.15	67.7	60.0	63.7	66.3	62.5	64.2
15	21.7	5.9	162.7	6.38	73.6	47.5	60.4	95.1	47.2	54.0	0.75	0.06	64.8	61.2	63.3	65.6	63.4	64.4
16	19.7	5.0	198.7	12.08	74.3	52.3	61.5	95.5	42.1	54.7	0.00	0.10	67.2	63.3	64.8	66.6	64.3	65.3
17	28.4	7.3	140.9	5.76	75.7	48.7	62.1	96.3	76.5	59.5	1.06	0.05	66.1	60.8	63.3	65.7	62.9	64.2
18	30.8	13.6	195.3	15.22	82.0	60.6	70.7	92.9	46.0	59.0	0.44	0.14	68.7	65.2	66.9	67.8	65.6	66.6
19	21.9	4.9	247.2	12.91	70.1	45.7	59.0	81.8	34.8	44.8	0.00	0.10	66.9	63.0	65.1	67.1	65.1	65.8
20	23.7	9.7	177.8	17.14	79.7	43.8	62.4	83.4	22.9	43.2	0.00	0.15	64.4	59.9	62.4	65.1	62.2	63.5
21	32.1	14.0	179.0	17.20	82.0	59.4	68.5	72.6	23.4	47.7	0.00	0.16	64.7	61.2	63.0	64.5	62.7	63.7
22	24.4	8.4	354.6	3.28	61.6	47.0	54.0	94.6	71.2	50.0	0.05	0.03	63.1	60.2	61.5	64.1	61.8	62.8
23	24.5	9.9	1.9	7.04	57.3	39.2	49.1	92.3	45.4	41.4	0.03	0.05	60.2	57.1	58.8	61.9	59.6	60.6
24	35.4	12.8	13.0	15.82	58.4	35.8	48.7	93.7	39.2	36.3	0.00	0.12	57.7	54.8	56.3	59.6	57.4	58.3
25	24.5	8.5	19.6	2.19	50.3	42.4	46.4	94.1	72.3	41.9	0.02	0.01	55.6	54.1	54.7	58.0	56.4	56.8
26	9.3	3.0	238.3	3.36	55.8	48.0	51.4	95.5	77.1	48.7	0.19	0.02	56.7	54.8	55.6	57.3	56.3	56.7
27	23.4	8.1	317.1	14.85	63.8	44.9	54.3	90.9	43.0	44.8	0.00	0.11	59.9	55.9	57.6	59.0	57.0	57.7
28	12.7	3.6	25.5	15.87	59.7	33.2	45.3	95.5	25.9	32.2	0.00	0.11	57.7	53.6	55.6	58.2	55.8	56.8
29	12.3	2.2	171.0	16.13	62.0	28.7	43.3	97.6	29.9	33.3	0.00	0.12	56.2	50.9	53.4	56.5	53.9	55.4
30	18.9	5.9	173.0	15.58	69.4	29.9	49.6	97.3	38.2	39.9	0.00	0.12	55.7	50.2	53.1	55.9	53.1	54.7
31	23.2	8.6	290.3	13.05	72.0	41.0	55.8	90.8	29.6	42.1	0.00	0.11	57.3	51.9	54.7	56.9	54.0	55.4
TOT				422.84							2.85	3.56						
AVG		6.6	226.4	13.64	73.2	47.9	60.3	92.3	42.4	49.4		0.11	66.4	61.5	63.9	66.1	63.5	64.7
MAX	35.4				91.2			97.6					77.1			75.1		
MIN						28.7			22.9					50.2			53.1	

Total Heating Degree Days : 218.6

Total Cooling Degree Days : 80.3

Total Hours of Wind > 8 mph : 258

Illinois Climate Network (ICN)  
November 2007  
Monthly Summary for Belleville

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DAY	MAX	AVG	DIR	TOTAL	MAX	MIN	AVG	MAX	MIN	AVG	TOTAL PRECIP IN	TOTAL EVAP IN	MAX	MIN	AVG	MAX	MIN	AVG
	WIND SPEED MPH	WIND SPEED MPH	WIND Ø	SOLAR RAD MJ/M*M	AIR TEMP ØF	AIR TEMP ØF	AIR TEMP ØF	REL HUM %	REL HUM %	DEW POINT ØF			SOIL TEMP ØF	SOIL TEMP ØF	SOIL TEMP ØF	SOIL TEMP ØF	SOIL TEMP ØF	SOIL TEMP ØF
1	13.2	2.8	17.4	15.57	57.6	29.3	42.6	92.9	23.5	27.5	0.00	0.11	55.7	51.5	53.6	56.7	54.1	55.2
2	9.6	1.3	244.9	15.56	63.6	25.1	42.3	97.1	23.0	29.7	0.00	0.11	54.1	48.3	51.3	54.5	51.7	53.2
3	17.9	4.1	343.6	14.75	59.6	33.2	44.8	95.6	22.4	29.8	0.00	0.11	53.9	49.4	51.4	54.0	51.9	52.9
4	28.5	6.3	269.1	14.64	63.9	31.0	47.7	90.8	19.0	28.6	0.00	0.11	53.5	48.4	50.7	53.2	51.1	52.2
5	29.0	11.4	311.3	13.44	69.7	39.3	53.2	89.2	23.4	35.4	0.00	0.11	55.0	49.8	52.0	54.2	51.7	52.9
6	27.6	10.8	313.2	14.57	48.2	27.9	38.8	82.2	32.6	21.9	0.40	0.09	52.2	48.1	50.4	53.4	50.9	52.0
7	14.4	3.7	190.6	13.95	49.0	22.6	36.9	91.8	30.2	23.2	0.00	0.08	49.8	44.9	47.5	50.9	48.3	49.6
8	15.2	5.8	208.8	13.09	64.4	41.0	50.4	76.2	29.2	32.2	0.00	0.10	52.5	47.4	49.6	52.0	49.4	50.5
9	18.7	4.2	335.3	13.39	58.1	33.6	45.0	92.1	27.1	31.8	0.00	0.09	52.7	48.4	50.5	52.3	50.5	51.4
10	18.1	5.6	145.3	11.96	55.7	27.6	42.8	96.2	39.8	31.6	0.00	0.08	50.4	46.4	48.6	51.3	49.1	50.2
11	21.5	10.5	178.1	10.14	64.5	47.8	56.8	86.0	47.1	45.0	0.02	0.08	53.3	49.2	51.1	53.1	50.5	51.6
12	16.3	6.3	194.8	3.74	66.7	56.5	60.8	95.1	75.4	57.0	0.28	0.03	56.3	53.1	54.7	55.7	53.1	54.1
13	18.4	5.4	187.3	9.31	63.3	51.9	57.7	94.3	69.1	53.4	0.08	0.07	58.6	55.5	57.0	57.5	55.6	56.5
14	31.4	11.3	319.3	7.11	62.1	44.4	55.4	95.9	23.6	38.3	0.01	0.06	58.0	54.2	56.8	57.5	55.6	57.0
15	31.5	12.6	314.7	12.82	48.0	27.9	41.2	88.3	37.7	24.6	0.00	0.08	54.2	49.5	52.5	55.7	51.9	53.6
16	21.4	7.8	174.9	12.91	53.5	27.4	40.5	91.6	29.5	27.1	0.00	0.09	49.9	47.1	48.6	52.0	49.8	50.7
17	13.1	3.9	232.6	12.26	66.2	35.1	47.8	77.3	24.5	31.1	0.00	0.09	52.0	46.5	49.1	51.2	48.9	50.0
18	14.7	4.9	65.4	7.28	51.5	32.3	44.1	93.0	59.0	36.3	0.00	0.05	49.7	47.0	48.6	50.7	49.1	50.0
19	25.0	9.4	188.7	8.92	71.0	41.6	58.6	93.5	61.4	51.3	0.00	0.08	54.3	49.0	51.6	53.5	50.2	51.4
20	21.8	10.6	184.4	10.16	70.2	50.8	61.9	94.7	62.0	55.6	0.00	0.08	56.7	52.9	54.9	55.6	53.1	54.1
21	29.1	11.4	318.0	0.85	64.1	37.5	51.6	92.9	79.7	48.4	0.19	0.01	56.4	52.8	55.4	55.9	54.1	55.4
22	27.2	12.3	327.0	2.08	38.4	33.6	36.0	88.2	68.6	29.8	0.00	0.01	52.8	48.3	50.4	54.1	49.9	51.6
23	19.9	3.7	0.6	9.00	37.2	21.6	29.3	95.2	50.8	21.4	0.00	0.05	48.3	44.2	46.6	49.9	47.2	48.4
24	10.7	2.1	193.1	9.53	43.0	23.8	31.8	92.0	43.8	23.7	0.00	0.05	46.8	43.3	44.6	47.2	45.8	46.4
25	11.9	3.0	55.9	1.80	37.8	24.0	34.2	95.4	78.5	31.5	0.23	0.01	44.4	42.7	43.7	46.2	45.1	45.5
26	21.1	9.2	338.5	2.57	41.9	31.6	37.9	95.9	76.3	34.9	0.41	0.01	45.0	43.8	44.2	45.7	45.3	45.5
27	13.2	3.5	206.6	11.49	51.3	26.7	37.6	95.3	43.5	30.2	0.01	0.07	45.4	41.1	43.3	45.3	43.5	44.4
28	30.6	11.5	189.3	10.14	57.1	34.1	45.7	89.8	39.1	33.8	0.00	0.07	45.7	42.2	43.9	46.2	43.9	44.8
29	27.8	5.7	265.0	11.62	46.3	25.7	34.9	78.3	31.9	19.9	0.00	0.06	45.6	42.5	44.1	46.2	44.4	45.1
30	18.7	4.6	9.9	9.65	44.2	21.0	32.2	90.2	40.2	21.4	0.00	0.06	43.1	39.8	41.5	44.7	42.6	43.5
TOT				304.30							1.63	2.10						
AVG		6.9	269.3	10.14	55.6	33.5	44.7	90.9	43.7	33.5		0.07	51.5	47.6	49.6	51.9	49.6	50.7
MAX	31.5				71.0			97.1					58.6			57.5		
MIN						21.0			19.0					39.8			42.6	

Total Heating Degree Days : 612.8

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 267

Illinois Climate Network (ICN)  
December 2007  
Monthly Summary for Belleville

540

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 4" SOIL TEMP øF	MIN 4" SOIL TEMP øF	AVG 4" SOIL TEMP øF	MAX 8" SOIL TEMP øF	MIN 8" SOIL TEMP øF	AVG 8" SOIL TEMP øF
1	29.5	9.6	142.5	3.72	58.5	27.1	40.3	67.1	36.7	25.2	0.00	0.02	43.2	40.4	41.4	43.7	42.3	42.8
2	37.5	16.0	256.4	2.03	63.3	28.8	49.5	91.4	50.7	41.4	0.25	0.02	48.7	43.2	46.0	47.3	43.7	45.7
3	25.7	8.1	295.2	11.28	38.9	23.3	29.3	85.1	42.8	19.6	0.00	0.06	44.9	41.1	42.8	46.0	42.8	43.9
4	11.2	3.5	157.1	8.67	45.8	24.1	35.2	89.5	47.5	26.2	0.00	0.05	42.2	38.9	40.8	42.9	41.1	42.1
5	33.3	11.9	348.1	2.35	46.2	24.9	35.1	85.4	59.8	27.3	0.00	0.01	41.9	40.1	41.4	42.9	41.9	42.6
6	15.4	5.3	136.8	7.87	33.0	16.3	27.0	94.4	55.2	21.9	0.01	0.04	40.1	37.6	38.7	41.9	40.0	40.6
7	9.8	2.6	65.9	2.85	35.3	30.8	33.1	95.1	85.1	31.1	0.18	0.01	40.1	38.6	39.4	41.2	40.4	40.6
8	15.6	6.0	35.5	1.14	34.8	32.6	33.8	97.1	90.4	32.2	0.08	0.01	40.4	40.0	40.1	41.4	41.2	41.4
9	13.6	7.0	351.1	1.89	35.7	31.7	33.6	97.6	91.4	32.4	0.58	0.01	40.6	39.7	40.1	41.3	41.0	41.2
10	10.8	3.8	0.1	2.09	35.4	30.1	32.2	95.6	89.3	30.4	0.21	0.01	40.6	39.7	40.1	41.2	40.8	41.0
11	30.5	6.4	280.6	2.89	61.1	35.1	42.6	96.6	76.8	41.4	0.42	0.02	44.3	40.4	42.3	43.7	41.2	42.3
12	19.0	5.9	355.2	2.24	37.0	34.5	35.8	94.9	85.5	33.3	0.07	0.01	43.2	42.1	42.4	43.5	42.8	43.0
13	19.6	7.3	291.1	1.24	36.1	27.8	32.9	94.0	80.7	29.8	0.01	0.01	42.2	40.4	41.5	42.9	41.7	42.4
14	13.6	3.7	26.0	8.13	38.5	22.3	31.1	96.8	62.3	26.6	0.00	0.04	40.4	37.8	39.2	41.7	40.0	40.6
15	23.8	6.9	20.8	1.32	32.3	27.4	30.6	98.7	83.4	29.7	0.44	0.01	39.5	39.1	39.2	40.7	40.3	40.5
16	21.6	8.4	293.1	10.03	29.5	17.0	24.8	98.0	64.7	20.7	0.01	0.05	39.1	39.0	39.0	40.3	39.7	39.9
17	11.0	2.4	155.3	10.06	34.9	9.4	20.5	96.5	76.5	18.0	0.00	0.04	39.0	38.2	38.5	39.7	38.6	38.8
18	14.4	6.1	177.3	7.74	44.2	33.2	35.1	92.3	62.1	28.9	0.00	0.05	38.1	37.5	37.8	38.6	38.0	38.3
19	9.8	2.9	180.1	10.51	43.9	24.0	34.3	95.2	58.3	28.9	0.01	0.06	39.4	36.9	38.1	39.2	37.9	38.5
20	12.9	3.8	96.2	1.46	44.4	32.0	39.7	96.5	85.7	37.9	0.23	0.01	40.4	37.9	38.8	40.5	38.9	39.4
21	16.1	5.7	137.3	3.56	52.2	45.5	46.0	96.7	86.8	44.4	0.01	0.02	43.5	41.2	41.9	43.1	41.2	41.7
22	54.3	12.3	163.3	0.86	54.4	35.3	52.2	93.5	79.2	49.1	0.22	0.01	46.4	43.5	45.1	45.6	43.1	44.2
23	33.9	11.4	266.9	9.96	35.6	24.0	29.8	94.5	50.0	19.8	0.00	0.05	46.3	40.2	42.6	45.6	41.7	43.5
24	17.7	4.3	245.6	10.70	44.5	24.8	32.4	91.8	38.4	21.9	0.00	0.06	41.1	38.1	39.6	41.7	40.0	40.6
25	17.4	3.9	158.6	11.27	51.0	21.0	34.0	95.8	33.8	25.0	0.00	0.07	40.0	36.7	38.3	40.4	38.9	39.7
26	12.3	2.8	168.0	7.63	50.1	21.6	35.6	95.9	38.4	28.2	0.09	0.05	39.3	36.3	37.9	40.0	38.5	39.4
27	12.0	3.4	333.0	2.32	40.9	35.9	37.9	95.4	81.0	35.2	0.00	0.01	40.8	39.3	39.9	41.1	40.0	40.5
28	22.8	8.6	260.4	3.15	44.1	31.8	38.5	94.6	68.7	33.6	0.03	0.02	41.6	40.4	40.8	41.7	41.0	41.4
29	14.6	4.5	251.2	9.95	39.9	26.0	32.5	93.6	57.4	25.0	0.00	0.05	41.8	39.3	40.5	41.4	40.4	41.0
30	15.6	5.3	174.7	7.77	45.8	27.8	34.9	93.4	56.1	28.6	0.00	0.04	40.4	38.2	39.2	40.8	39.7	40.3
31	37.2	11.5	265.5	6.23	49.7	24.0	35.4	93.5	46.1	27.0	0.00	0.04	39.3	36.9	38.1	40.2	38.8	39.6
TOT				172.91							2.85	0.96						
AVG		6.5	263.2	5.58	43.1	27.4	35.0	93.4	65.2	29.7		0.03	41.6	39.3	40.4	42.0	40.6	41.2
MAX	54.3				63.3			98.7					48.7			47.3		
MIN						9.4			33.8					36.3			37.9	

Total Heating Degree Days : 921.6

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 221

Illinois Climate Network (ICN)  
 January 2008  
 Monthly Summary for Belleville

541

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	35.7	19.2	301.5	7.01	29.5	13.6	22.5	76.5	46.0	11.3	0.00	0.03	38.1	35.1	36.3	39.5	37.0	38.1
2	26.5	11.8	307.7	10.89	21.5	8.2	14.0	86.6	50.4	4.6	0.00	0.04	35.1	33.8	34.3	37.1	35.6	36.3
3	22.3	8.8	174.1	10.73	32.1	25.0	19.8	71.0	41.2	10.6	0.00	0.05	33.3	33.2	33.4	35.2	35.0	35.2
4	28.4	13.9	179.7	8.15	43.3	24.7	34.5	67.8	36.6	17.8	0.00	0.05	33.2	33.0	33.1	35.0	34.7	34.9
5	25.7	11.9	170.6	2.64	54.6	39.6	47.3	93.8	53.5	41.7	0.00	0.02	37.3	33.1	34.3	36.2	34.7	35.1
6	32.7	15.7	182.9	6.67	69.4	54.3	61.5	90.3	62.7	54.9	0.00	0.06	45.6	37.3	42.3	43.3	36.2	39.9
7	30.7	17.5	180.2	5.18	71.8	61.0	64.9	86.3	60.3	57.0	0.01	0.05	50.1	45.6	48.0	47.5	43.2	45.3
8	39.5	13.7	246.4	2.71	64.8	38.0	52.9	95.9	64.6	48.9	2.19	0.02	52.0	48.6	50.9	50.0	47.5	49.3
9	14.4	3.5	158.2	8.21	46.2	29.3	37.0	93.7	49.2	31.1	0.01	0.05	48.6	44.1	45.7	48.8	45.3	46.4
10	27.5	6.0	247.9	1.79	46.1	28.6	38.3	96.9	82.7	36.0	0.01	0.01	44.1	41.7	42.8	45.3	43.3	43.9
11	22.4	5.5	272.2	9.40	43.4	25.4	35.1	94.4	45.8	28.2	0.00	0.05	44.2	41.0	42.8	43.8	42.8	43.3
12	19.4	6.2	207.6	10.44	54.5	23.9	38.5	95.8	33.5	28.6	0.00	0.07	42.2	38.6	40.5	42.8	40.7	41.7
13	24.4	11.0	301.5	4.51	36.1	24.2	30.9	84.7	50.7	22.8	0.01	0.02	41.3	38.2	39.9	42.2	40.0	41.2
14	24.2	11.4	311.0	5.82	33.8	21.2	30.0	84.2	49.6	19.2	0.00	0.03	38.6	36.9	37.9	40.0	38.7	39.2
15	13.1	5.2	191.1	11.87	35.5	13.4	25.0	85.6	38.4	13.5	0.00	0.06	36.9	35.2	36.0	38.7	37.2	37.8
16	18.3	6.8	145.7	6.55	42.8	23.7	33.3	80.0	42.5	21.6	0.00	0.04	36.8	34.9	35.8	37.5	36.7	37.2
17	27.0	10.8	251.0	2.79	37.9	22.6	30.9	96.4	62.7	25.5	0.00	0.01	37.4	36.0	36.9	38.1	37.4	37.8
18	25.3	8.9	271.1	11.84	44.2	14.8	28.4	86.6	29.5	16.9	0.00	0.06	36.0	34.5	35.2	37.5	36.3	36.7
19	24.0	12.0	320.2	12.65	21.7	7.7	13.1	73.3	33.2	-0.2	0.00	0.05	35.5	33.7	34.3	36.6	35.4	36.0
20	13.2	4.0	337.9	11.79	22.1	2.3	12.9	78.3	29.4	-1.7	0.00	0.04	33.7	33.1	33.3	35.4	34.7	35.1
21	25.2	10.8	162.1	9.87	39.4	11.7	27.9	77.6	24.8	9.0	0.00	0.05	33.2	32.9	32.9	34.8	34.4	34.5
22	27.1	9.2	288.9	9.53	35.8	12.5	26.2	91.7	46.1	18.5	0.00	0.05	33.0	32.9	32.9	34.4	34.3	34.3
23	25.6	6.6	227.7	13.33	37.5	7.8	22.8	91.2	29.3	11.1	0.00	0.06	32.9	32.7	32.7	34.3	34.1	34.2
24	28.0	9.3	338.2	13.41	23.0	4.5	13.1	77.5	31.4	-1.1	0.00	0.05	32.7	32.4	32.5	34.1	33.9	34.0
25	18.2	7.1	162.4	6.46	27.7	0.9	17.6	86.8	29.3	3.2	0.00	0.03	32.5	32.1	32.2	33.9	33.6	33.6
26	20.9	8.1	211.1	9.50	52.9	26.6	35.2	77.8	34.1	22.6	0.00	0.06	32.2	32.1	32.2	33.6	33.5	33.6
27	15.5	4.8	204.3	13.56	60.1	20.8	39.0	90.2	21.4	24.8	0.00	0.09	32.2	32.1	32.2	33.6	33.5	33.4
28	34.9	16.0	176.8	3.11	52.4	30.5	42.4	88.9	45.1	31.5	0.00	0.03	32.3	32.2	32.2	33.5	33.5	33.4
29	51.8	21.3	242.9	7.43	68.2	15.4	43.2	89.8	52.1	35.2	0.00	0.06	38.0	32.3	34.3	35.6	33.5	34.3
30	24.8	5.9	276.5	13.65	29.8	11.4	21.0	67.8	32.3	6.1	0.00	0.06	34.2	33.0	33.3	35.1	34.2	34.5
31	18.4	7.5	65.9	2.50	28.3	25.3	26.4	96.5	53.8	20.8	0.20	0.01	33.1	33.0	33.1	34.2	34.1	34.2
TOT				253.99							2.43	1.36						
AVG		10.0	232.5	8.19	42.1	21.6	31.8	85.6	43.9	21.6		0.04	37.6	35.7	36.6	38.3	36.9	37.6
MAX	51.8				71.8			96.9					52.0			50.0		
MIN						0.9			21.4					32.1			33.5	

Total Heating Degree Days : 1028.9

Total Cooling Degree Days : 1.4

Total Hours of Wind > 8 mph : 429

Illinois Climate Network (ICN)  
 February 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	24.8	10.5	286.1	9.55	28.7	12.8	23.4	96.5	69.9	19.9	0.00	0.04	33.1	33.0	33.1	34.1	34.0	34.0
2	18.2	5.1	167.9	14.43	46.3	11.3	28.8	95.8	55.3	23.9	0.00	0.08	33.1	33.0	33.1	34.1	34.0	34.0
3	15.4	4.5	94.7	8.67	45.3	15.8	31.3	96.8	68.8	28.2	0.00	0.05	33.1	32.9	32.9	34.0	33.9	34.0
4	27.4	10.1	175.2	10.04	72.6	34.3	56.5	97.5	64.7	52.2	0.00	0.08	43.7	33.0	37.6	40.2	33.9	35.8
5	36.9	8.9	346.0	1.81	66.6	36.8	45.1	96.5	73.5	43.2	1.69	0.01	45.3	41.4	43.3	42.4	40.2	41.9
6	26.9	10.3	273.8	3.71	38.7	32.9	35.6	96.0	76.0	32.0	0.03	0.02	41.4	39.1	40.3	41.6	39.7	40.6
7	19.5	6.1	197.6	5.10	37.3	30.8	33.6	84.1	66.8	27.1	0.00	0.03	39.3	38.1	38.7	39.8	38.7	39.2
8	22.6	7.6	178.7	10.15	46.5	28.5	38.7	93.6	51.5	31.5	0.00	0.06	39.8	36.7	38.5	39.5	37.9	38.8
9	33.6	10.6	278.9	14.59	57.6	28.8	42.3	86.6	25.3	27.9	0.00	0.10	42.1	37.0	39.6	40.5	38.2	39.4
10	24.9	12.6	338.7	13.93	35.6	13.4	21.4	77.6	26.8	4.8	0.00	0.06	40.0	35.6	37.4	40.2	37.1	38.5
11	16.4	7.3	75.0	1.94	21.6	12.4	16.5	92.2	46.0	7.7	0.00	0.01	35.6	33.7	34.3	37.2	35.4	36.1
12	22.8	11.1	337.2	3.20	23.3	17.1	21.2	94.5	74.6	17.8	0.00	0.01	33.7	33.2	33.4	35.4	34.7	35.1
13	20.7	7.7	251.6	16.16	29.6	12.0	20.7	88.0	52.5	13.6	0.00	0.07	33.3	33.0	33.1	34.8	34.3	34.5
14	26.2	12.7	173.4	15.47	44.0	22.4	32.7	90.0	56.9	26.2	0.01	0.09	33.0	32.9	32.9	34.3	34.1	34.2
15	23.5	8.4	351.4	11.58	38.2	26.1	30.7	89.6	48.9	21.7	0.00	0.06	33.7	32.9	33.3	34.2	34.1	34.2
16	11.5	4.2	106.2	4.02	36.6	23.5	30.4	96.2	66.1	25.3	0.44	0.02	33.7	32.2	33.3	34.2	34.1	34.2
17	43.3	17.6	228.9	6.31	55.5	36.1	43.9	96.3	59.2	37.8	0.62	0.05	39.1	32.2	36.9	37.6	34.1	36.0
18	37.5	13.4	289.9	13.92	37.6	21.5	32.5	93.4	36.6	20.5	0.00	0.07	37.8	35.6	36.7	37.4	36.4	36.9
19	22.8	8.5	287.1	15.29	30.8	13.2	23.4	69.1	31.6	8.8	0.00	0.07	35.6	33.8	34.3	36.6	34.9	35.4
20	28.9	11.5	0.4	17.24	32.9	16.7	22.8	77.7	42.4	11.1	0.00	0.07	34.7	33.7	34.2	34.9	34.7	34.7
21	17.7	7.0	67.1	1.93	25.3	16.8	21.7	91.9	65.8	16.7	0.03	0.01	33.8	33.0	33.3	34.7	34.2	34.3
22	15.1	8.3	348.6	3.98	26.4	23.2	24.6	95.0	81.5	21.7	0.17	0.02	33.1	32.9	32.9	34.2	34.0	34.2
23	10.8	4.0	15.1	12.68	35.9	25.5	30.2	86.1	58.2	23.4	0.01	0.06	32.9	32.7	32.7	34.0	33.8	34.0
24	9.3	3.3	172.3	6.85	35.7	28.9	32.4	96.9	83.9	30.2	0.16	0.03	32.8	32.7	32.7	33.8	33.7	33.8
25	19.3	6.9	157.0	3.33	39.2	33.3	35.8	95.9	84.3	33.4	0.05	0.02	33.2	32.8	32.9	33.9	33.7	33.8
26	37.5	18.7	321.9	4.42	36.4	26.6	31.6	96.1	53.7	25.9	0.06	0.02	33.7	33.2	33.4	34.3	33.9	34.2
27	24.6	9.8	311.3	12.59	35.1	22.9	28.4	89.4	42.5	18.9	0.00	0.06	33.8	33.0	33.3	34.2	33.9	34.0
28	18.1	5.5	112.2	10.68	40.1	19.7	30.0	93.6	55.2	23.4	0.04	0.05	33.8	32.9	33.3	34.1	33.9	34.0
29	24.1	7.9	302.8	18.03	52.1	30.2	41.2	95.8	37.5	31.3	0.00	0.12	39.2	33.5	36.0	37.3	34.1	35.2
TOT				271.60							3.31	1.44						
AVG		9.0	294.9	9.37	39.7	23.2	31.3	91.3	57.1	24.3		0.05	36.1	34.1	35.1	36.3	35.2	35.7
MAX	43.3				72.6			97.5					45.3			42.4		
MIN						11.3			25.3					32.2			33.7	

Total Heating Degree Days : 972.5

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 336

Illinois Climate Network (ICN)  
 March 2008  
 Monthly Summary for Belleville

543

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 4" SOIL TEMP øF	MIN 4" SOIL TEMP øF	AVG 4" SOIL TEMP øF	MAX 8" SOIL TEMP øF	MIN 8" SOIL TEMP øF	AVG 8" SOIL TEMP øF
1	24.8	7.6	163.4	16.63	59.1	26.7	44.4	88.5	29.5	29.8	0.00	0.12	40.2	34.6	37.2	38.7	35.6	37.0
2	34.6	14.0	180.7	16.51	75.5	41.5	59.9	85.9	35.2	46.9	0.01	0.14	46.2	38.2	42.3	43.3	38.2	40.1
3	35.2	13.6	322.0	1.47	64.4	27.7	40.6	92.3	56.9	35.2	0.00	0.01	46.8	40.1	44.1	44.2	41.1	43.2
4	19.2	8.4	353.5	3.70	31.1	22.7	28.8	97.2	82.1	26.4	0.28	0.02	40.1	36.9	37.9	41.2	38.0	39.2
5	22.2	5.3	205.0	20.07	44.6	16.1	31.6	96.7	66.8	28.0	0.07	0.11	39.5	35.9	37.4	39.0	37.2	37.9
6	23.5	8.2	345.9	10.38	36.5	28.6	32.2	84.2	47.8	24.3	0.00	0.05	38.8	36.4	37.6	38.8	37.6	38.3
7	30.1	14.4	19.9	8.70	34.4	24.7	31.1	78.5	58.9	21.7	0.00	0.05	37.8	35.9	36.9	38.6	37.3	37.9
8	23.5	8.5	331.5	21.25	35.2	16.5	25.2	80.2	25.3	9.9	0.00	0.10	37.5	34.4	35.8	37.4	36.0	36.5
9	19.4	7.0	179.8	17.55	52.7	23.5	38.7	88.8	34.3	28.0	0.00	0.11	39.7	34.3	36.9	38.5	35.6	36.9
10	23.7	7.2	337.5	21.07	44.6	26.0	36.3	92.1	34.7	25.0	0.00	0.12	41.6	36.7	39.0	39.8	37.5	38.7
11	17.5	5.2	214.9	21.24	58.0	21.2	39.9	95.9	23.8	24.4	0.00	0.14	42.4	35.8	39.0	40.5	37.3	38.8
12	19.4	7.3	157.9	20.24	71.0	31.1	52.3	83.4	29.1	34.7	0.00	0.16	45.8	38.3	42.1	43.4	39.1	40.8
13	18.9	5.0	349.8	7.95	61.0	39.3	50.7	84.9	33.0	38.3	0.00	0.06	45.4	42.3	44.1	44.0	42.4	43.2
14	15.3	4.5	46.2	15.73	61.5	43.0	50.9	87.1	44.1	41.0	0.00	0.11	48.4	43.7	45.7	46.2	43.4	44.6
15	26.5	10.3	359.3	10.15	55.9	39.3	47.1	86.6	59.7	40.1	0.00	0.07	47.4	44.9	46.0	46.0	44.7	45.3
16	15.9	5.7	38.9	16.64	49.4	34.8	42.8	87.1	44.5	30.9	0.00	0.10	47.5	43.6	45.5	46.0	44.0	45.0
17	23.2	7.3	102.0	6.81	55.0	40.9	47.7	94.5	58.5	39.7	0.78	0.05	46.4	44.0	45.1	45.6	44.4	45.0
18	26.6	9.5	22.5	1.35	56.8	44.0	52.5	95.8	86.4	50.7	3.31	0.01	49.2	46.4	48.2	47.9	45.6	46.9
19	29.6	12.9	348.2	5.76	46.0	34.5	40.6	92.9	60.2	35.6	0.63	0.04	48.0	43.4	45.5	47.6	44.6	46.0
20	18.7	6.7	151.9	21.75	59.0	35.0	47.7	92.3	39.0	36.3	0.00	0.15	48.3	41.8	45.0	46.8	43.1	44.8
21	30.6	13.0	222.5	13.58	68.8	45.5	55.4	76.5	31.5	39.7	0.00	0.11	49.1	45.2	47.1	47.8	45.6	46.6
22	29.6	11.9	340.3	5.39	46.8	30.5	39.0	85.4	58.9	29.3	0.00	0.03	47.8	43.6	45.3	47.6	44.6	45.9
23	25.2	8.0	313.3	9.81	41.9	28.6	34.5	93.8	47.9	28.8	0.00	0.05	43.6	41.3	42.4	44.6	42.7	43.2
24	22.2	7.3	190.3	19.87	46.4	28.2	37.6	95.4	35.3	26.1	0.00	0.11	45.6	40.1	42.6	44.3	41.4	42.6
25	31.8	12.6	198.3	12.66	64.8	38.1	52.0	72.7	33.7	33.6	0.00	0.10	46.0	41.1	43.5	45.1	42.4	43.5
26	36.9	5.7	46.0	11.84	60.7	40.9	49.8	93.8	23.8	37.0	0.93	0.09	48.5	44.3	46.2	46.8	44.6	45.7
27	32.0	8.8	47.3	9.23	69.2	39.1	52.2	95.6	69.5	48.9	0.08	0.07	51.4	46.3	48.2	49.2	46.0	47.1
28	25.3	11.0	18.4	12.65	47.9	36.8	41.0	88.9	55.3	33.6	0.00	0.08	48.9	45.7	46.9	48.8	46.3	47.1
29	16.9	7.1	93.9	14.99	50.4	32.7	42.6	82.4	44.8	31.6	0.00	0.09	47.1	43.5	45.5	46.7	44.7	45.9
30	29.8	8.1	159.0	6.82	62.4	45.2	53.8	95.1	61.8	49.6	0.81	0.05	50.2	45.9	47.7	48.8	46.1	47.1
31	37.4	15.6	175.7	7.85	65.8	56.9	60.4	95.2	73.6	56.8	0.79	0.06	53.9	50.2	52.2	51.9	48.8	50.4
TOT				389.64							7.69	2.56						
AVG		9.0	8.4	12.57	54.1	33.5	43.9	89.0	47.9	34.3		0.08	45.5	41.1	43.2	44.4	41.8	42.9
MAX	37.4				75.5			97.2					53.9			51.9		
MIN						16.1			23.8					34.3			35.6	

Total Heating Degree Days : 656.6

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 375

Illinois Climate Network (ICN)  
 April 2008  
 Monthly Summary for Belleville

DAY	MAX	AVG	DIR	TOTAL	MAX	MIN	AVG	MAX	MIN	AVG	TOTAL	TOTAL	MAX	MIN	AVG	MAX	MIN	AVG
	WIND	WIND	AVG	SOLAR	AIR	AIR	AIR	REL	REL	DEW	PRECIP	EVAP	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	IN	IN	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	Ø	MJ/M*M	ØF	ØF	ØF	%	%	ØF			ØF	ØF	ØF	ØF	ØF	ØF
1	30.5	13.9	316.4	13.17	58.0	38.7	45.3	82.1	52.3	36.0	0.04	0.08	53.5	49.3	51.4	51.9	49.1	50.5
2	16.9	5.5	92.6	24.36	54.3	32.1	44.4	91.3	43.8	32.9	0.00	0.16	52.1	46.1	49.1	50.6	47.0	48.7
3	16.4	6.1	122.5	4.65	52.0	42.2	47.7	95.1	65.1	44.2	0.50	0.03	49.3	47.3	48.4	50.0	48.3	48.9
4	20.7	9.1	338.1	5.98	51.4	35.6	44.4	95.6	66.4	40.3	0.01	0.04	49.3	47.1	48.6	49.1	47.9	48.7
5	13.7	3.4	118.0	25.43	59.6	32.5	47.5	96.8	44.8	38.1	0.00	0.18	52.6	44.6	48.6	50.8	46.0	48.2
6	20.9	8.6	159.0	25.65	66.0	41.7	54.3	90.0	39.7	44.2	0.00	0.20	54.1	47.4	50.7	52.5	48.3	50.4
7	15.9	6.0	325.2	25.64	68.4	45.2	57.0	92.9	19.9	38.7	0.00	0.20	57.7	50.1	53.6	53.7	50.5	52.0
8	30.5	11.9	160.8	7.79	68.6	47.5	56.3	88.7	58.6	47.8	0.03	0.06	54.6	51.8	53.2	53.2	51.7	52.5
9	22.3	7.2	22.4	17.49	57.3	41.5	50.2	86.4	62.7	42.3	0.02	0.12	55.7	51.6	53.8	53.8	51.4	52.7
10	29.2	12.9	149.4	3.43	68.3	52.9	61.3	94.7	69.6	56.8	2.63	0.03	56.9	53.7	55.2	55.2	53.3	54.0
11	27.9	14.3	236.0	21.77	60.9	44.7	54.7	74.2	39.3	39.7	0.00	0.16	58.1	54.5	55.9	55.7	54.2	54.9
12	26.2	11.9	278.1	4.29	45.0	37.4	41.2	85.0	56.4	32.2	0.00	0.03	54.7	50.1	52.2	54.4	50.1	52.0
13	23.2	10.4	323.5	7.87	42.6	35.6	38.8	91.5	69.4	33.6	0.00	0.05	50.1	48.7	49.5	50.1	48.4	48.9
14	18.1	5.9	352.9	20.15	51.2	32.6	41.5	92.0	35.9	30.2	0.00	0.13	52.2	46.9	49.3	49.9	47.3	48.6
15	24.1	9.6	171.5	28.27	60.0	29.1	47.1	94.8	29.4	31.3	0.00	0.20	52.1	45.6	48.9	51.2	47.1	49.1
16	34.7	14.5	176.6	27.74	69.9	44.3	58.1	64.3	30.3	37.8	0.00	0.23	54.2	48.3	51.3	52.7	49.1	50.7
17	31.9	12.9	176.0	25.82	74.4	55.2	64.0	74.1	43.1	48.9	0.00	0.22	57.6	51.4	54.3	55.2	51.3	53.1
18	36.5	11.7	171.8	6.30	65.5	47.9	57.7	93.1	62.0	50.7	0.32	0.05	56.0	54.4	55.2	54.9	54.0	54.3
19	17.3	7.5	285.1	8.37	56.6	46.5	51.8	92.6	63.4	46.2	0.00	0.06	55.3	52.9	54.1	54.3	53.1	53.6
20	11.1	3.6	203.7	26.75	71.0	45.8	59.5	92.2	43.3	49.6	0.00	0.21	60.5	53.0	56.5	57.5	52.8	54.7
21	20.0	7.1	139.9	27.58	77.5	47.9	64.9	94.2	37.2	51.6	0.00	0.24	61.6	55.2	58.5	59.2	55.3	57.2
22	24.6	3.9	140.3	18.79	79.4	55.0	65.1	92.3	45.2	55.9	0.02	0.16	62.6	57.3	59.7	60.4	57.1	58.6
23	14.4	4.0	69.6	26.61	81.3	56.9	69.8	94.4	36.9	57.2	0.00	0.23	65.8	58.6	62.1	62.9	58.5	60.4
24	26.4	10.5	164.7	8.97	72.3	64.8	68.0	87.7	57.7	58.1	0.01	0.08	63.2	61.3	62.1	62.4	60.9	61.3
25	34.0	15.9	195.8	18.62	82.1	50.0	68.5	92.3	39.1	56.8	0.35	0.17	64.6	60.8	62.4	62.2	60.4	61.3
26	17.4	5.9	301.8	27.71	65.5	41.9	52.5	88.3	26.7	37.4	0.00	0.20	63.5	57.5	60.4	61.5	58.5	59.9
27	23.7	7.4	0.1	16.50	59.6	42.1	49.6	93.1	39.0	39.7	0.00	0.12	59.9	56.4	57.7	60.2	57.6	58.3
28	30.1	10.2	315.3	17.64	52.2	37.7	45.0	95.2	32.7	33.4	0.00	0.12	56.4	53.0	54.7	57.6	54.7	55.8
29	11.9	3.8	265.3	28.10	57.0	30.9	45.3	90.1	33.3	32.7	0.00	0.19	58.7	50.4	54.5	56.6	52.6	54.5
30	25.9	9.5	157.6	24.69	76.8	39.8	60.6	89.5	31.6	43.5	0.00	0.21	60.0	52.9	56.5	57.9	54.2	55.9
TOT				546.13							3.93	4.16						
AVG		8.8	198.6	18.20	63.5	43.2	53.8	89.5	45.8	42.9		0.14	56.8	51.9	54.3	55.3	52.4	53.7
MAX	36.5				82.1			96.8					65.8			62.9		
MIN						29.1			19.9					44.6			46.0	

Total Heating Degree Days : 360.6  
 Total Cooling Degree Days : 10.9  
 Total Hours of Wind > 8 mph : 366

544



Illinois Climate Network (ICN)  
 May 2008  
 Monthly Summary for Belleville

545

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 4" SOIL TEMP øF	MIN 4" SOIL TEMP øF	AVG 4" SOIL TEMP øF	MAX 8" SOIL TEMP øF	MIN 8" SOIL TEMP øF	AVG 8" SOIL TEMP øF
1	27.6	13.0	178.2	13.08	70.8	67.2	67.3	71.3	63.8	55.8	0.00	0.11	60.2	59.5	58.8	58.7	57.4	57.9
2	35.5	12.1	187.6	14.98	77.6	52.6	66.7	87.2	23.8	53.8	0.16	0.13	63.1	59.5	60.6	60.7	58.7	59.4
3	27.4	9.7	278.4	16.90	61.8	42.9	54.0	87.0	41.2	40.3	0.00	0.13	59.9	56.6	58.5	59.9	57.3	58.3
4	12.2	2.4	196.6	29.93	68.5	38.6	54.5	91.0	27.7	39.0	0.00	0.23	62.9	53.5	58.1	59.8	55.1	57.2
5	11.8	2.7	184.5	27.12	76.4	40.9	60.3	95.3	21.2	44.8	0.00	0.23	64.5	55.6	60.1	61.2	56.7	58.8
6	26.6	6.4	179.9	13.81	78.4	48.9	63.1	94.0	32.5	52.5	0.00	0.12	62.8	58.1	60.6	60.8	58.5	59.7
7	19.7	7.0	184.7	5.69	70.1	60.0	63.9	95.2	72.4	59.7	1.49	0.05	63.3	60.1	61.7	61.3	59.7	60.4
8	25.4	10.9	1.6	4.18	61.3	51.1	58.3	95.1	75.4	54.7	2.31	0.03	62.0	58.8	60.8	61.1	59.5	60.4
9	13.2	4.3	0.6	5.97	58.6	49.4	54.1	94.2	82.3	50.4	0.12	0.04	59.0	57.7	58.3	59.5	58.4	58.6
10	20.0	6.0	119.2	16.78	66.9	43.2	57.0	94.8	58.9	51.6	0.63	0.13	60.8	55.3	58.5	59.4	56.8	58.3
11	44.0	17.6	290.6	5.95	63.6	44.3	52.5	92.9	64.9	46.2	0.33	0.05	60.0	54.8	57.2	59.3	56.4	57.9
12	12.4	3.9	153.0	30.68	67.4	41.2	55.8	91.6	36.1	43.5	0.00	0.23	63.0	52.7	57.7	59.9	54.7	57.0
13	31.8	9.1	154.0	9.66	71.2	50.1	58.6	90.8	51.4	50.9	0.04	0.08	59.7	56.9	58.3	59.5	57.5	58.3
14	19.0	5.5	293.8	15.86	68.4	52.4	61.0	93.7	45.8	54.5	0.01	0.13	63.0	58.4	60.3	60.5	58.4	59.2
15	22.8	9.0	13.0	5.84	56.5	49.7	54.3	93.8	68.1	49.3	0.00	0.04	60.5	57.6	58.8	60.2	58.1	59.0
16	14.9	5.3	284.3	30.81	71.2	43.3	57.7	92.4	26.3	43.9	0.00	0.24	65.0	55.3	60.1	61.2	56.7	58.6
17	21.5	5.4	261.2	27.50	82.6	55.0	68.5	80.2	30.0	52.2	0.00	0.24	67.9	59.2	63.5	63.4	59.3	61.2
18	36.4	8.9	319.3	30.92	72.2	48.3	62.4	87.7	22.4	43.9	0.00	0.26	67.4	61.6	64.4	63.3	61.4	62.4
19	21.0	5.5	125.4	16.94	74.3	45.3	59.9	92.0	35.0	48.9	0.00	0.14	64.5	59.7	62.1	62.3	60.1	61.3
20	29.9	6.7	349.2	24.74	68.6	48.1	58.3	93.2	48.4	48.9	0.00	0.20	65.9	59.4	62.6	62.7	60.1	61.5
21	20.4	4.5	314.2	31.55	73.9	47.1	59.9	87.1	16.7	41.0	0.00	0.26	67.7	58.7	63.1	63.1	59.7	61.3
22	17.3	3.8	90.1	9.73	65.4	49.2	58.1	90.6	61.0	51.6	0.05	0.08	63.2	60.8	61.9	62.4	60.7	61.3
23	18.9	7.1	62.8	21.07	74.8	56.9	64.2	84.9	57.6	54.9	0.00	0.18	66.0	60.6	63.1	63.5	60.7	61.9
24	17.5	5.0	79.2	11.07	69.6	56.8	62.2	92.8	62.4	55.6	0.05	0.09	64.2	62.0	63.1	63.2	62.1	62.6
25	30.4	7.4	132.4	15.59	76.0	55.9	67.8	93.9	61.7	60.6	0.37	0.13	66.2	61.6	64.0	64.3	61.8	63.0
26	22.8	5.0	190.9	14.16	77.8	65.5	70.0	95.0	72.6	66.0	1.29	0.12	69.4	64.9	66.9	66.4	64.1	64.9
27	24.7	6.7	23.5	12.44	78.4	53.8	63.9	97.8	72.6	60.3	0.00	0.10	69.1	65.1	66.9	66.5	65.0	65.7
28	20.1	6.5	32.9	30.61	71.5	52.2	60.8	90.5	39.3	50.2	0.00	0.25	69.9	63.1	66.4	66.8	63.6	65.1
29	15.0	3.9	137.7	30.36	79.8	51.9	67.1	94.2	37.6	54.7	0.00	0.26	71.7	63.2	67.5	68.1	64.0	66.0
30	30.5	11.6	204.7	27.03	87.5	64.9	76.3	91.9	50.7	66.0	0.67	0.25	73.7	66.6	70.2	69.3	66.3	67.6
31	17.9	4.1	240.0	28.50	87.2	65.0	75.4	94.4	40.8	65.8	0.04	0.26	76.8	68.5	72.5	71.2	67.6	69.3
TOT				579.45							7.56	4.79						
AVG		7.0	219.8	18.69	71.9	51.3	61.7	91.2	48.4	52.0		0.15	64.9	59.5	62.1	62.6	59.9	61.1
MAX	44.0				87.5			97.8					76.8			71.2		
MIN						38.6			16.7					52.7			54.7	

Total Heating Degree Days : 145.7  
 Total Cooling Degree Days : 40.6  
 Total Hours of Wind > 8 mph : 265

Illinois Climate Network (ICN)  
 June 2008  
 Monthly Summary for Belleville

546

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 REL HUM øF	TOTAL PRECIP IN	TOTAL EVAP IN	MAX SOIL TEMP øF 4"	MIN SOIL TEMP øF 4"	AVG SOIL TEMP øF 4"	MAX SOIL TEMP øF 8"	MIN SOIL TEMP øF 8"	AVG SOIL TEMP øF 8"
1	10.0	2.6	268.0	29.40	86.7	64.4	74.7	94.9	29.7	62.8	0.00	0.27	77.3	70.4	73.8	72.4	69.3	70.7
2	14.3	4.0	173.4	19.75	84.6	63.4	74.3	94.7	41.9	64.9	0.00	0.18	75.0	70.6	73.0	72.0	70.0	71.1
3	26.4	9.9	192.0	19.38	87.6	67.9	78.3	94.1	55.8	69.1	0.06	0.18	75.6	70.8	73.0	72.8	70.1	71.4
4	39.6	9.1	194.2	19.62	85.8	67.6	77.9	90.9	60.6	69.3	0.10	0.18	76.3	71.9	74.1	73.6	71.3	72.3
5	31.4	13.7	178.6	25.68	88.9	72.8	81.7	85.8	53.6	69.6	0.00	0.25	77.6	72.7	75.0	74.5	72.0	73.2
6	36.2	12.4	188.4	13.25	85.4	66.9	77.5	94.5	60.3	69.3	1.74	0.13	76.2	73.1	74.3	74.0	72.5	73.2
7	30.4	13.0	194.2	29.65	90.7	72.4	82.4	94.4	48.0	70.9	0.00	0.29	80.0	72.8	76.1	75.4	72.0	73.4
8	28.2	11.6	191.2	31.53	92.0	73.5	82.9	86.1	42.5	69.3	0.00	0.31	81.3	74.7	77.7	76.4	73.6	74.8
9	26.7	5.1	259.6	23.19	84.3	67.9	76.1	89.9	51.5	66.0	0.00	0.21	80.6	75.3	77.9	76.5	74.3	75.4
10	12.2	4.6	200.8	30.15	84.4	63.3	73.2	92.6	34.7	61.7	0.00	0.27	81.5	74.3	77.7	76.9	73.8	75.4
11	21.2	8.7	156.8	31.43	87.4	64.9	77.0	87.3	42.9	63.5	0.00	0.29	80.5	74.1	77.4	76.4	73.9	75.2
12	26.7	11.7	177.0	30.87	91.8	72.1	82.4	84.0	43.8	68.2	0.00	0.30	80.8	75.0	77.9	76.5	74.3	75.4
13	31.4	5.8	237.4	10.73	80.2	65.8	73.4	93.4	63.7	66.6	0.00	0.10	77.7	74.2	76.3	75.9	74.0	74.8
14	10.0	2.4	197.0	24.68	86.6	62.0	72.1	96.6	28.3	61.7	0.00	0.22	79.0	72.2	75.6	75.2	72.5	73.8
15	21.6	5.0	236.8	29.21	91.0	61.6	76.3	94.7	34.3	62.8	0.00	0.28	80.8	72.3	76.5	75.4	72.5	73.9
16	23.7	8.6	328.4	27.56	84.9	58.5	73.4	91.1	27.2	56.7	0.00	0.26	78.3	73.5	75.7	74.8	73.0	73.9
17	22.8	5.4	331.4	32.13	79.8	55.3	67.8	86.4	24.5	49.6	0.00	0.29	76.8	70.4	73.6	73.6	71.2	72.5
18	16.4	3.5	306.8	29.72	83.4	54.1	70.2	90.8	25.0	51.3	0.00	0.27	76.8	69.4	73.2	73.2	70.4	72.0
19	14.3	3.1	266.3	22.32	86.7	61.8	73.8	85.6	30.6	57.9	0.00	0.21	77.2	71.2	73.9	73.4	71.2	72.3
20	13.8	3.7	152.1	21.17	80.8	62.7	70.5	92.4	48.2	62.4	0.17	0.18	77.4	72.0	74.5	73.8	71.6	72.7
21	17.0	3.2	279.6	22.96	85.7	59.4	71.6	95.2	40.5	61.7	0.00	0.21	77.5	71.1	74.3	73.6	71.3	72.7
22	28.2	3.5	310.0	18.79	81.1	60.6	70.0	94.2	40.6	59.2	0.00	0.16	74.8	71.0	72.9	73.0	71.2	71.8
23	21.2	5.0	336.1	32.12	85.0	57.6	72.1	95.2	22.4	56.1	0.00	0.29	76.3	69.8	73.0	73.1	70.4	71.8
24	15.4	4.8	163.4	21.63	85.3	57.2	73.8	94.2	35.8	61.9	0.00	0.20	75.4	69.8	72.9	72.5	70.5	71.6
25	21.9	5.3	208.6	27.05	93.8	68.7	80.8	91.8	30.9	66.0	0.00	0.26	78.7	72.1	75.2	75.6	71.5	73.2
26	31.9	5.5	245.9	20.62	88.1	70.5	78.8	87.1	39.6	64.2	0.00	0.19	77.1	73.4	75.2	75.4	73.1	74.3
27	42.6	7.1	189.8	22.19	88.9	70.3	78.3	92.7	54.3	68.9	0.22	0.21	77.8	73.4	75.6	76.0	73.4	74.7
28	29.3	6.9	257.8	18.39	81.4	68.9	77.2	86.6	53.3	66.4	0.00	0.17	77.8	74.2	75.9	76.0	74.0	75.0
29	30.4	8.7	285.4	20.52	76.7	64.6	70.2	89.8	55.2	60.3	0.00	0.18	75.2	72.2	73.8	75.2	72.9	73.8
30	21.7	6.0	334.2	29.78	81.9	60.4	71.2	89.8	29.6	55.6	0.00	0.27	76.4	70.3	73.2	74.6	71.1	72.9
TOT				735.47							2.29	6.81						
AVG		6.7	215.0	24.52	85.7	64.6	75.3	91.2	41.6	63.1		0.23	77.8	72.3	75.0	74.6	72.1	73.3
MAX	42.6				93.8			96.6					81.5			76.9		
MIN						54.1			22.4					69.4			69.3	

Total Heating Degree Days : 0.0

Total Cooling Degree Days : 303.8

Total Hours of Wind > 8 mph : 234

Illinois Climate Network (ICN)  
 July 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 4" SOIL TEMP øF	MIN 4" SOIL TEMP øF	AVG 4" SOIL TEMP øF	MAX 8" SOIL TEMP øF	MIN 8" SOIL TEMP øF	AVG 8" SOIL TEMP øF
1	15.2	3.1	240.9	31.64	85.9	58.3	72.9	93.2	28.9	56.5	0.00	0.29	78.7	70.0	74.1	76.1	71.2	73.6
2	28.3	9.1	205.9	24.46	91.3	62.6	77.5	90.1	42.2	64.6	0.30	0.23	78.0	71.8	74.8	75.8	72.6	74.1
3	22.3	4.9	214.0	18.41	80.6	66.9	72.0	94.1	62.0	66.9	1.13	0.16	78.6	73.0	75.6	76.2	73.1	74.5
4	14.1	5.1	16.2	17.21	76.4	63.5	69.1	94.5	59.7	62.8	0.00	0.15	75.9	73.3	74.8	75.4	73.4	74.3
5	12.2	2.2	99.6	29.64	81.9	60.1	70.9	97.2	42.3	61.0	0.00	0.26	78.7	71.6	75.0	76.5	72.3	74.3
6	16.3	5.7	175.6	28.97	88.3	61.5	76.5	95.0	53.9	67.1	0.00	0.27	79.9	72.8	76.3	77.3	73.3	75.2
7	24.6	6.0	159.9	23.69	88.4	73.5	81.0	92.9	60.2	72.7	0.00	0.22	81.1	76.2	78.6	78.8	75.6	77.2
8	39.1	7.4	210.5	20.11	89.0	71.4	78.1	93.7	55.5	70.7	0.05	0.19	80.2	76.8	78.3	78.3	76.4	77.4
9	11.1	3.1	15.6	24.13	85.7	66.7	75.7	94.8	37.0	66.6	0.19	0.22	81.0	76.4	78.3	78.9	76.0	77.4
10	16.3	4.5	167.5	30.16	87.0	63.2	76.3	95.4	44.9	67.1	0.00	0.28	81.4	74.9	78.3	78.9	75.4	77.2
11	60.2	6.2	169.8	24.87	89.9	71.7	78.3	93.7	54.9	71.4	0.82	0.23	82.5	77.1	79.0	79.4	76.7	77.9
12	36.2	6.0	258.2	18.76	90.4	67.6	78.4	91.9	53.9	71.2	0.12	0.18	82.4	77.6	79.3	79.3	77.1	78.1
13	20.4	6.4	318.2	31.81	84.7	62.7	73.0	92.1	25.7	59.0	0.00	0.29	79.9	76.1	77.9	78.4	76.2	77.4
14	10.6	2.3	198.8	30.19	87.7	59.6	74.5	94.5	32.4	62.2	0.00	0.28	80.6	74.0	77.4	78.3	74.7	76.5
15	14.6	3.8	182.6	30.15	88.7	64.2	77.5	94.0	38.8	66.0	0.00	0.28	82.0	75.4	78.8	79.0	75.7	77.4
16	12.5	3.5	182.9	29.98	89.4	67.4	78.4	93.8	38.6	67.3	0.00	0.28	83.0	76.5	79.7	79.8	76.4	78.1
17	11.4	2.7	157.2	30.27	89.9	64.7	77.4	95.2	34.0	65.3	0.00	0.28	82.6	76.4	79.5	79.9	76.5	78.3
18	13.0	3.4	184.6	27.99	91.6	63.8	78.1	95.1	40.7	67.5	0.00	0.26	82.6	76.0	79.3	79.7	76.4	78.1
19	18.3	5.4	203.8	21.39	91.0	69.6	79.5	92.8	42.1	69.1	0.00	0.20	81.7	77.3	79.3	79.2	77.2	78.1
20	14.5	3.3	222.2	28.46	97.0	71.7	84.4	90.8	38.8	71.2	0.00	0.28	83.9	77.4	80.6	80.7	77.1	78.8
21	35.0	4.3	278.5	28.44	96.7	73.9	84.2	89.0	38.1	71.4	0.00	0.27	84.6	78.7	81.5	81.5	78.4	79.9
22	24.7	4.3	300.6	14.95	81.9	68.3	74.3	94.0	62.2	67.8	0.47	0.13	81.3	77.8	79.3	80.8	78.0	78.8
23	16.3	4.7	43.0	30.68	82.0	63.6	72.7	94.0	41.2	61.9	0.00	0.27	80.4	76.5	78.3	78.7	76.7	77.7
24	10.2	2.3	144.5	6.78	73.8	60.9	68.2	94.6	75.6	64.0	0.00	0.06	77.1	74.8	75.6	77.7	75.2	75.7
25	18.5	4.2	173.9	19.70	85.3	67.2	74.8	94.8	61.2	69.4	0.83	0.18	78.3	73.3	75.6	76.8	73.9	75.0
26	14.2	3.2	351.4	23.05	88.7	69.8	78.4	94.6	50.7	71.1	0.00	0.21	80.5	76.3	78.3	78.5	75.9	77.0
27	31.2	4.5	134.5	28.44	88.4	66.8	77.5	93.6	53.1	68.9	0.73	0.26	81.5	76.3	78.8	79.4	76.4	77.7
28	19.3	4.5	214.9	21.90	84.5	68.6	75.0	93.8	59.3	68.5	0.24	0.20	80.2	76.2	78.1	78.7	76.3	77.4
29	28.8	4.7	142.7	27.08	91.5	67.7	79.3	96.5	60.3	72.7	0.00	0.25	81.9	76.5	79.2	79.5	76.5	77.9
30	18.6	5.3	60.6	10.09	79.1	71.2	73.8	95.1	76.6	69.8	0.00	0.09	80.0	77.2	78.4	79.2	77.3	78.1
31	9.1	2.7	317.8	22.01	86.4	70.1	76.1	95.4	62.3	70.9	0.00	0.20	80.8	76.7	78.4	78.9	76.6	77.5

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TOT				755.41							4.88	6.95						
AVG		4.5	196.1	24.37	86.9	66.4	76.3	93.9	49.2	67.2		0.22	80.7	75.5	77.9	78.6	75.6	77.0
MAX	60.2				97.0			97.2					84.6			81.5		
MIN						58.3			25.7					70.0			71.2	

Total Heating Degree Days : 0.0  
 Total Cooling Degree Days : 360.9  
 Total Hours of Wind > 8 mph : 101

547

Illinois Climate Network (ICN)  
 August 2008  
 Monthly Summary for Belleville

548

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	13.4	2.5	236.4	25.82	93.1	66.7	79.7	97.4	55.4	73.4	0.00	0.24	82.6	76.7	79.5	80.3	76.9	78.4
2	13.2	3.9	18.9	28.09	87.1	69.4	79.3	95.6	45.6	69.8	0.00	0.26	82.6	78.7	80.6	81.1	78.5	79.7
3	27.4	3.9	141.0	12.99	82.7	68.0	73.9	91.9	68.9	68.5	0.00	0.12	79.8	77.2	78.3	80.2	77.7	78.4
4	16.2	5.8	177.4	26.86	91.5	70.1	81.5	94.9	64.6	74.8	0.00	0.25	82.3	76.7	79.5	80.5	77.1	78.6
5	23.3	4.6	206.5	24.98	93.4	71.2	81.5	93.7	55.3	73.9	1.11	0.24	84.0	78.7	80.8	82.1	78.7	80.1
6	10.9	2.9	350.7	20.49	87.0	70.4	77.4	94.6	57.2	70.9	0.00	0.19	82.5	78.3	80.2	80.9	78.5	79.7
7	14.5	3.9	351.6	21.32	82.9	65.3	73.9	93.9	51.0	66.0	0.00	0.19	81.1	78.5	79.9	80.3	78.7	79.5
8	11.5	2.3	13.2	28.08	81.5	60.6	70.7	95.7	37.9	60.4	0.00	0.25	80.0	76.0	78.1	79.2	76.8	78.1
9	10.6	2.3	221.0	23.22	81.5	58.2	70.0	96.0	42.2	61.7	0.00	0.21	79.3	74.7	77.0	78.3	75.9	77.2
10	13.5	2.6	49.7	19.78	82.9	61.2	71.6	97.1	55.6	63.5	0.00	0.18	78.5	74.7	76.6	77.7	75.6	76.8
11	12.5	3.3	67.3	29.29	78.0	54.2	66.9	95.1	47.1	57.9	0.00	0.25	77.7	73.4	75.7	77.3	74.6	76.1
12	12.0	2.8	94.3	25.88	82.1	57.8	70.0	94.7	42.0	60.3	0.00	0.23	77.9	73.3	75.6	77.2	74.4	75.7
13	12.1	2.0	22.1	21.95	81.2	58.4	70.5	95.6	49.4	62.4	0.00	0.19	77.6	73.4	75.6	76.7	74.5	75.7
14	13.2	2.9	319.8	20.38	83.1	59.8	71.2	98.1	45.5	63.1	0.00	0.18	77.3	73.2	75.4	76.3	74.2	75.4
15	13.4	3.9	56.0	26.74	82.0	61.2	71.8	95.3	45.9	62.4	0.00	0.24	77.4	73.3	75.4	76.5	74.1	75.4
16	13.1	3.3	36.4	26.94	79.7	58.2	68.7	94.1	41.9	58.1	0.00	0.24	76.9	72.7	74.8	76.0	73.8	75.0
17	7.9	1.2	85.6	24.83	81.9	54.9	67.8	96.0	39.0	58.5	0.00	0.22	76.9	71.4	74.1	75.7	72.8	74.3
18	8.5	1.3	117.9	24.48	83.0	53.7	68.4	96.5	39.7	58.8	0.00	0.21	76.7	71.1	73.9	75.4	72.5	73.9
19	12.4	2.5	65.2	27.49	82.5	54.6	69.8	96.3	38.0	59.0	0.00	0.25	76.8	71.3	74.1	75.5	72.5	74.1
20	15.2	3.0	34.7	13.20	83.4	61.1	72.1	92.8	57.5	64.8	0.00	0.12	75.8	72.3	74.1	74.8	73.1	73.9
21	19.8	4.9	149.9	13.61	82.6	68.9	74.1	94.5	68.0	69.6	0.25	0.12	76.5	73.6	75.0	75.3	73.8	74.5
22	18.6	6.3	157.3	19.78	82.4	69.4	74.8	94.9	69.6	70.5	0.05	0.18	77.6	74.1	75.6	76.2	74.1	75.0
23	10.6	2.1	184.9	24.98	89.6	66.0	77.5	96.8	54.6	71.2	0.00	0.23	80.5	74.3	77.2	78.1	74.5	76.1
24	16.7	6.6	8.8	21.85	82.8	64.3	74.1	96.0	48.5	65.1	0.00	0.20	79.3	75.9	77.5	77.5	75.9	76.6
25	20.3	6.9	22.0	26.13	79.0	59.4	69.3	89.5	49.0	59.7	0.00	0.23	77.5	73.5	75.6	76.3	74.2	75.2
26	19.1	5.8	30.4	23.88	81.7	64.5	72.1	87.1	56.6	63.0	0.00	0.21	77.8	73.4	75.4	76.1	73.8	75.0
27	12.2	3.1	9.1	24.59	84.6	60.7	72.3	94.7	50.6	63.5	0.00	0.22	78.3	72.8	75.6	76.5	73.6	75.0
28	20.0	4.7	188.0	18.20	87.8	62.5	75.2	97.1	55.7	68.0	0.00	0.17	77.6	73.2	75.6	76.2	74.0	75.2
29	15.8	4.0	352.2	19.28	84.1	63.9	73.8	95.8	54.0	67.3	0.00	0.17	77.9	74.3	75.9	76.7	74.6	75.6
30	11.5	3.0	36.0	25.93	84.4	59.1	71.4	96.7	38.4	61.7	0.00	0.23	77.3	72.1	74.7	76.2	73.5	74.8
31	11.3	2.9	83.3	22.02	89.1	57.8	74.1	95.8	51.9	66.2	0.00	0.20	77.4	71.4	74.5	76.0	72.9	74.5
TOT				713.06							1.41	6.42						
AVG		3.6	54.6	23.00	84.1	62.3	73.1	95.0	50.8	65.0		0.21	78.8	74.3	76.5	77.5	75.0	76.3
MAX	27.4				93.4			98.1					84.0			82.1		
MIN						53.7			37.9					71.1			72.5	

Total Heating Degree Days : 0.0

Total Cooling Degree Days : 254.9

Total Hours of Wind > 8 mph : 47

Illinois Climate Network (ICN)  
 September 2008  
 Monthly Summary for Belleville

549

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 REL DEW POINT øF	TOTAL PRECIP IN	TOTAL EVAP IN	MAX SOIL TEMP øF 4"	MIN SOIL TEMP øF 4"	AVG SOIL TEMP øF 4"	MAX SOIL TEMP øF 8"	MIN SOIL TEMP øF 8"	AVG SOIL TEMP øF 8"
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

550

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	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	98.8	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

Total Hours of Wind > 8 mph : 163

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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Champaign, IL 61820-7495