

Illinois Climate Network (ICN)
 September 2006
 Monthly Summary for Belleville

DAY	MAX	AVG	DIR	TOTAL	MAX	MIN	AVG	MAX	MIN	AVG		MAX	MIN	AVG	MAX	MIN	AVG	
	WIND	WIND	WIND	SOLAR	AIR	AIR	AIR	REL	REL	DEW	TOTAL	TOTAL	4"	4"	4"	8"	8"	8"
	SPEED	SPEED	Ø	MJ/M*M	TEMP	TEMP	TEMP	%	%	POINT	PRECIP	EVAP	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	MPH	MPH			ØF	ØF	ØF			ØF	IN	IN	ØF	ØF	ØF	ØF	ØF	ØF
1	16.0	6.7	21.4	10.43	79.0	64.7	70.5	90.7	58.5	64.2	0.00	0.09	74.6	71.3	72.7	73.3	71.9	72.5
2	15.2	4.5	39.7	16.86	78.1	57.3	67.1	94.2	48.6	58.3	0.00	0.14	74.4	69.7	72.0	73.0	71.0	72.1
3	11.1	1.9	105.9	20.88	82.5	52.3	66.6	96.4	35.6	57.2	0.00	0.18	75.4	67.2	71.2	73.4	69.5	71.6
4	12.6	2.3	177.7	13.91	80.9	57.9	67.6	95.4	44.9	59.7	0.00	0.12	74.5	69.0	71.6	73.5	70.5	72.0
5	23.9	4.6	355.8	13.95	75.7	55.2	64.9	95.2	50.5	58.3	0.22	0.12	73.3	69.0	71.1	72.6	70.5	71.4
6	16.5	1.8	74.6	23.40	83.1	52.4	66.4	96.3	36.3	56.5	0.00	0.20	75.6	66.0	70.7	73.0	68.3	70.5
7	9.5	2.6	178.8	22.78	84.3	55.5	68.9	95.6	34.5	57.6	0.00	0.20	76.4	67.7	71.8	74.2	69.5	71.8
8	10.2	2.3	181.7	22.11	85.6	54.2	69.1	96.3	30.8	57.6	0.00	0.20	76.6	68.0	72.1	74.5	70.1	72.3
9	11.4	2.3	151.7	21.34	86.6	54.6	69.3	96.4	26.9	56.1	0.00	0.19	76.3	68.2	72.1	74.6	70.3	72.5
10	15.7	4.0	133.9	18.40	86.0	57.1	72.3	94.9	44.1	62.2	0.00	0.17	76.2	69.2	72.7	75.1	70.9	73.0
11	12.7	4.3	139.5	12.47	81.0	65.5	71.8	94.1	59.1	65.1	0.00	0.11	75.5	71.2	73.2	74.3	72.3	73.4
12	23.1	7.5	300.4	7.86	75.2	61.1	67.8	94.9	69.8	62.4	0.00	0.07	73.3	70.4	72.3	73.7	71.8	72.9
13	16.5	6.4	303.5	6.15	69.7	52.7	62.6	95.0	62.1	55.4	0.00	0.05	70.4	67.5	69.3	71.8	69.5	70.3
14	9.8	1.9	99.0	14.47	75.7	49.6	62.4	96.2	44.5	53.4	0.00	0.12	72.1	65.3	68.5	70.8	67.4	69.1
15	15.9	3.9	150.8	20.42	81.7	46.7	64.9	96.6	39.3	54.7	0.00	0.18	72.7	64.1	68.4	71.2	66.8	69.1
16	18.5	6.1	164.6	23.13	86.0	51.2	69.8	96.3	34.2	56.3	0.00	0.21	74.2	65.4	69.8	72.4	67.8	70.0
17	25.2	6.9	186.6	10.16	90.5	62.2	71.4	95.1	47.1	64.9	1.34	0.09	72.9	68.6	70.9	72.2	69.9	71.2
18	24.4	5.1	313.4	10.17	73.0	51.3	63.1	93.7	41.9	53.1	0.06	0.08	71.4	67.4	69.8	71.8	69.5	70.5
19	22.1	6.2	305.0	19.16	67.9	42.6	54.3	95.0	38.3	44.1	0.00	0.15	68.2	63.5	65.8	69.5	65.9	67.1
20	12.0	2.3	349.9	22.50	66.9	37.7	51.4	97.3	35.2	41.7	0.00	0.17	67.3	59.7	63.5	65.9	62.8	64.4
21	20.9	7.8	140.5	14.14	70.1	45.8	59.2	94.6	42.9	47.5	0.00	0.12	64.8	61.2	63.1	65.1	63.1	64.2
22	27.1	9.3	170.2	10.09	74.8	61.4	68.0	95.3	66.4	63.0	0.69	0.09	67.4	63.0	65.1	67.0	64.4	65.5
23	27.6	7.5	192.9	4.89	74.9	53.4	67.6	95.5	61.6	63.0	0.11	0.04	68.1	66.4	67.1	67.9	66.9	67.3
24	19.7	5.1	306.6	7.23	66.0	48.9	57.6	95.5	58.1	51.3	0.00	0.06	66.4	62.9	64.6	67.6	64.7	65.7
25	21.1	3.5	287.2	21.41	74.7	45.8	58.8	95.2	32.3	47.5	0.00	0.18	66.6	60.1	63.3	64.8	62.3	63.7
26	14.9	2.2	316.9	21.15	79.0	45.7	60.8	96.3	29.6	49.6	0.00	0.18	67.8	60.6	64.0	65.4	62.3	63.9
27	22.5	6.8	297.3	14.33	79.0	50.6	64.4	95.3	39.0	52.2	0.00	0.13	66.2	61.8	64.2	65.2	63.1	64.2
28	24.4	7.3	330.5	14.80	63.9	42.0	54.9	93.0	36.1	42.8	0.00	0.12	64.8	60.9	63.5	64.9	62.8	63.9
29	20.6	6.2	188.9	11.58	65.8	42.9	55.4	92.9	33.3	43.0	0.00	0.09	61.4	59.1	60.4	62.8	61.1	61.9
30	11.2	3.2	240.2	10.27	73.2	49.8	59.9	94.9	35.8	49.8	0.00	0.09	64.0	59.5	61.3	63.1	61.1	62.1
TOT				460.44							2.42	3.94						
AVG		4.8	229.3	15.35	77.0	52.3	64.3	95.1	43.9	54.9		0.13	71.0	65.5	68.2	70.2	67.3	68.7
MAX	27.6				90.5			97.3					76.6			75.1		
MIN						37.7			26.9					59.1			61.1	

Total Heating Degree Days : 81.5

Total Cooling Degree Days : 71.0

Total Hours of Wind > 8 mph : 147

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Illinois Climate Network Monthly Summaries - Belleville, IL

Weather Data

Illinois Climate Network (ICN)
 October 2006
 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	17.3	4.4	180.1	20.37	85.9	46.4	65.5	96.5	27.2	51.1	0.00	0.19	65.6	58.9	62.2	64.4	60.7	62.4
2	23.4	8.9	179.8	18.22	89.1	56.4	73.8	89.4	39.0	58.8	0.00	0.17	67.3	61.8	64.6	66.2	62.9	64.4
3	23.2	8.1	192.6	18.59	92.3	66.6	77.9	90.7	33.2	64.4	0.35	0.18	70.5	65.5	68.0	68.8	65.6	66.9
4	22.4	8.1	291.1	15.19	90.7	61.9	75.2	91.8	36.2	61.5	0.00	0.14	71.4	67.1	69.3	69.6	67.5	68.5
5	23.4	9.1	6.9	11.88	69.6	48.7	60.1	91.5	45.8	50.9	0.00	0.10	69.2	64.5	67.5	69.2	66.4	67.8
6	17.6	4.6	56.1	20.54	67.2	39.2	52.2	92.3	25.2	37.9	0.00	0.16	66.1	61.0	63.3	66.4	63.6	64.6
7	13.4	2.5	129.7	20.14	73.1	34.9	52.2	96.9	24.3	39.4	0.00	0.16	64.3	57.8	61.0	63.8	60.9	62.4
8	9.5	1.7	140.4	19.48	76.7	36.1	55.2	97.0	29.9	44.2	0.00	0.16	64.4	57.1	60.6	63.1	60.0	61.7
9	9.6	1.3	166.0	16.61	77.7	44.2	59.2	96.4	34.7	50.4	0.00	0.14	65.5	58.5	61.9	63.7	60.7	62.2
10	12.0	3.5	359.4	9.00	68.5	50.0	59.9	95.3	61.1	54.0	0.00	0.07	64.6	60.7	62.6	63.6	62.0	62.8
11	33.8	8.9	292.2	7.59	63.5	34.9	54.7	91.4	46.4	46.9	0.00	0.06	63.7	59.5	62.6	63.4	61.8	63.1
12	27.3	5.2	264.4	18.34	53.4	30.0	41.7	91.2	22.0	24.4	0.00	0.12	60.5	55.4	57.9	61.8	58.5	59.7
13	29.0	4.2	269.8	19.48	59.1	28.8	43.2	80.5	14.1	21.2	0.00	0.14	58.3	52.0	55.0	58.5	55.6	56.7
14	21.4	3.8	294.7	19.06	60.9	29.4	42.6	89.5	15.0	23.0	0.00	0.14	57.5	50.2	53.6	56.3	53.7	55.0
15	16.9	5.5	152.3	8.66	64.9	30.5	50.0	93.3	24.0	32.5	0.00	0.07	55.1	50.5	53.1	55.8	53.2	54.5
16	26.4	8.8	133.0	1.40	56.8	49.9	53.1	96.0	54.7	48.0	1.89	0.01	55.1	54.4	54.9	56.0	55.7	55.9
17	17.8	3.9	233.9	5.14	63.5	51.4	57.6	96.2	76.3	54.5	0.05	0.04	58.1	54.8	56.7	57.9	55.7	56.8
18	22.8	6.7	280.4	3.68	65.5	45.6	57.7	96.2	85.0	55.4	0.00	0.03	59.6	57.2	58.3	59.2	57.7	58.3
19	22.5	10.0	339.2	3.25	45.7	41.3	42.8	91.6	70.4	36.9	0.01	0.02	58.3	54.3	55.9	58.9	55.5	57.0
20	17.2	5.7	182.0	17.07	61.9	29.4	46.0	97.8	39.3	36.5	0.00	0.12	55.3	51.5	53.6	55.5	53.5	54.7
21	29.2	8.5	197.5	15.67	64.9	37.3	51.8	95.4	36.1	41.7	0.00	0.12	55.5	52.2	54.1	55.8	53.9	54.9
22	26.9	14.5	304.8	13.45	47.9	39.3	43.2	83.8	38.1	30.2	0.00	0.09	55.0	52.6	53.8	55.7	53.1	54.3
23	20.8	4.6	308.0	12.27	48.0	27.7	38.3	86.7	35.0	27.3	0.00	0.08	53.2	49.5	51.6	53.1	51.5	52.3
24	10.4	2.8	295.3	16.81	50.1	25.3	36.9	93.3	34.4	25.9	0.00	0.10	51.4	46.7	49.1	51.5	49.2	50.4
25	16.3	6.7	133.8	1.48	46.6	36.0	41.7	94.9	68.5	37.0	0.31	0.01	49.0	48.2	48.6	50.4	49.7	50.0
26	17.8	8.2	158.0	1.70	52.7	46.5	50.5	96.0	88.5	48.7	0.30	0.01	51.4	48.9	50.2	51.8	50.2	50.9
27	36.8	13.4	0.1	2.07	51.3	41.3	48.9	96.3	77.8	46.4	1.23	0.01	52.0	51.0	51.6	52.4	51.7	52.2
28	24.7	8.8	291.9	15.37	60.9	39.0	48.6	94.7	28.3	34.7	0.00	0.11	52.6	49.5	50.9	52.0	50.7	51.3
29	12.8	4.1	175.6	15.33	69.0	38.7	54.9	93.9	38.4	42.8	0.01	0.12	54.3	49.4	51.8	52.9	50.6	51.6
30	34.7	13.9	185.6	11.64	71.1	48.5	61.0	88.9	47.3	50.4	0.00	0.10	55.3	51.5	53.4	54.6	52.3	53.2
31	29.5	9.6	344.4	9.35	64.1	40.9	48.6	90.8	36.5	35.6	0.03	0.06	55.5	52.5	54.3	55.0	53.4	54.3
TOT				388.83							4.18	3.03						
AVG		6.8	257.6	12.54	64.9	41.2	53.1	92.8	43.0	42.3		0.10	59.2	55.0	57.2	58.9	56.7	57.8
MAX	36.8				92.3			97.8					71.4			69.6		
MIN						25.3			14.1					46.7			49.2	

Total Heating Degree Days : 405.2

Total Cooling Degree Days : 34.6

Total Hours of Wind > 8 mph : 265

Illinois Climate Network (ICN)
November 2006
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	20.4	7.2	5.9	7.75	44.5	24.7	37.9	91.5	34.5	23.4	0.01	0.05	52.5	48.2	51.1	53.4	51.0	52.3
2	28.2	6.9	311.2	15.11	48.7	23.9	35.4	91.0	24.3	19.6	0.00	0.10	48.8	45.6	47.3	51.0	48.4	49.3
3	11.7	3.6	165.9	14.59	55.2	20.8	37.9	94.7	27.5	23.9	0.00	0.09	48.1	43.3	45.7	48.4	46.3	47.5
4	19.1	7.4	164.7	3.54	53.2	36.9	46.0	84.5	29.9	28.4	0.01	0.03	47.4	46.0	46.8	48.3	47.5	47.8
5	18.5	6.8	175.0	4.19	54.5	41.6	48.7	87.1	48.1	37.9	0.01	0.03	49.1	47.3	48.2	49.5	48.3	48.7
6	12.6	4.1	96.2	2.60	53.5	45.5	49.5	95.9	70.7	44.8	0.31	0.02	50.4	48.9	49.6	50.6	49.5	50.0
7	13.4	5.0	329.0	2.51	54.3	40.2	50.5	96.5	85.7	48.6	0.01	0.02	51.9	50.4	51.1	51.7	50.6	51.1
8	17.2	5.8	173.8	12.91	67.3	35.3	51.6	97.7	49.8	45.3	0.01	0.10	53.1	49.2	51.1	52.3	50.4	51.3
9	10.6	3.3	160.1	13.04	78.2	46.5	60.1	96.2	39.0	51.4	0.00	0.11	55.7	50.9	53.2	53.9	51.6	52.7
10	33.5	12.1	232.7	4.38	69.2	40.0	58.1	95.8	68.9	54.7	0.20	0.04	57.0	53.1	54.9	55.5	53.3	54.1
11	29.1	12.2	330.3	3.02	40.0	29.5	36.7	91.3	72.2	31.6	0.00	0.02	54.4	48.8	51.3	54.8	50.5	52.3
12	17.0	6.4	148.3	13.76	50.0	28.9	39.6	92.2	53.2	32.2	0.01	0.08	49.7	47.5	48.6	50.5	49.3	49.8
13	14.6	4.1	245.5	8.63	57.1	33.1	44.6	94.6	54.6	39.2	0.00	0.06	50.6	47.4	48.9	50.4	49.0	49.6
14	14.1	4.8	124.4	1.31	47.2	35.3	44.6	96.6	90.5	42.8	0.19	0.01	49.6	48.5	48.9	50.3	49.6	49.8
15	35.9	14.0	22.4	0.61	46.8	42.4	45.3	94.0	88.1	43.0	0.52	0.00	49.5	48.5	49.3	50.1	49.6	50.0
16	38.4	17.9	334.3	3.82	45.8	27.4	39.9	95.3	59.2	34.2	0.24	0.03	48.5	45.8	47.5	49.6	47.7	48.7
17	16.1	3.6	169.3	5.83	48.4	25.5	35.6	97.8	57.4	31.6	0.00	0.04	45.9	43.6	44.8	47.7	45.9	46.6
18	19.3	9.5	323.4	7.52	44.8	29.3	38.5	97.9	64.9	33.6	0.00	0.04	45.5	43.3	44.4	46.5	45.2	45.7
19	21.4	10.5	333.2	6.09	43.5	29.1	37.9	84.3	48.6	29.1	0.00	0.04	45.8	43.7	45.0	45.9	45.4	45.7
20	15.5	5.1	318.2	12.71	47.9	25.0	34.2	90.7	36.7	25.5	0.00	0.07	44.9	41.5	43.2	45.4	43.8	44.4
21	17.3	5.2	164.6	12.53	53.8	21.6	36.7	96.5	31.0	25.5	0.00	0.08	43.7	40.0	41.9	44.1	42.5	43.3
22	14.4	4.8	148.9	12.27	58.9	25.2	41.0	94.4	29.6	28.4	0.00	0.08	44.5	40.3	42.4	44.4	42.5	43.5
23	13.6	4.2	140.5	12.32	61.8	26.1	42.6	94.6	25.8	28.2	0.00	0.09	45.1	40.8	43.0	44.7	42.9	43.9
24	17.2	5.7	162.0	11.47	67.1	27.6	48.0	90.2	33.9	33.8	0.00	0.09	46.1	41.3	43.9	45.6	43.2	44.2
25	19.5	7.3	176.2	10.29	70.3	35.0	53.4	96.3	53.7	45.7	0.00	0.08	48.7	43.6	46.2	47.6	44.8	46.0
26	21.8	6.8	180.1	9.77	69.3	35.3	54.7	96.2	45.3	45.5	0.00	0.08	49.4	45.6	47.8	48.7	46.6	47.5
27	16.2	6.8	170.1	6.00	68.1	45.8	57.0	95.2	57.5	50.2	0.00	0.05	51.0	48.1	49.6	50.2	48.3	49.1
28	28.1	12.6	174.5	5.61	66.5	55.2	59.9	86.6	58.0	50.9	0.00	0.05	52.9	50.4	51.4	51.7	50.1	50.7
29	33.4	14.5	182.5	4.27	69.2	42.9	63.3	91.8	65.6	58.1	0.03	0.04	55.7	52.9	54.5	54.2	51.7	52.9
30	23.1	11.0	354.9	0.98	44.6	29.6	34.7	95.6	89.6	32.7	2.22	0.01	55.2	43.5	49.5	54.2	46.9	51.3
TOT				229.43							3.77	1.63						
AVG		7.6	211.8	7.65	56.0	33.5	45.5	93.4	53.1	37.3		0.05	49.7	46.3	48.0	49.7	47.7	48.7
MAX	38.4				78.2			97.9					57.0			55.5		
MIN						20.8			24.3					40.0			42.5	

Total Heating Degree Days : 607.6

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 295

Illinois Climate Network (ICN)

December 2006

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	34.0E	11.7E	258.9E	4.99	32.7	18.6	25.2	97.0	82.2	23.0	0.34	0.02	43.5	41.4	42.8	46.9	43.7	45.0
2	19.4	4.3	295.5	10.59	36.8	17.8	27.3	95.1	66.6	23.5	0.15	0.05	41.6	39.6	40.6	43.7	42.2	42.6
3	22.4	10.4	319.5	9.18	25.9	13.8	20.8	86.4	53.8	12.7	0.00	0.04	40.7	37.9	39.4	42.4	40.1	41.4
4	22.1	7.0	219.4	11.53	39.2	13.0	26.4	89.8	53.8	19.4	0.00	0.06	37.9	36.1	36.9	40.1	38.7	39.2
5	20.0	7.4	165.4	10.98	43.6	20.9	32.4	93.6	51.7	24.6	0.00	0.06	38.4	36.1	37.2	39.4	38.4	38.8
6	23.0	7.5	257.9	6.01	45.2	27.7	37.0	89.6	50.8	27.5	0.00	0.04	40.0	37.5	38.5	40.3	39.2	39.6
7	35.8	14.3	332.1	11.32	33.6	10.7	19.2	92.3	41.6	9.5	0.00	0.05	38.7	35.8	37.2	40.1	37.9	39.0
8	16.0	6.0	191.8	11.47	31.0	8.4	19.9	86.0	35.2	8.2	0.00	0.05	35.8	34.5	34.9	37.9	36.6	37.0
9	23.0	9.4	187.1	10.59	48.4	21.9	33.4	69.2	28.7	16.3	0.00	0.06	35.1	34.3	34.5	36.6	36.3	36.5
10	24.6	10.2	173.0	5.89	52.1	29.5	40.8	60.0	22.7	19.8	0.00	0.04	38.1	34.9	36.1	38.2	36.5	37.0
11	17.5	8.8	161.4	2.21	53.4	42.5	47.8	94.8	38.8	41.7	0.13	0.01	42.6	38.1	40.1	41.5	38.2	39.6
12	24.8	10.7	199.5	6.75	63.7	35.2	51.8	95.5	56.8	46.9	0.01	0.05	46.7	42.6	44.8	44.8	41.5	43.3
13	18.9	6.8	197.1	10.09	65.4	33.9	47.5	96.7	30.7	36.5	0.01	0.07	44.8	41.5	43.2	44.3	42.6	43.5
14	26.0	6.6	210.1	8.52	66.3	43.2	51.6	73.5	29.6	37.2	0.00	0.07	45.6	42.6	43.9	44.7	43.3	43.9
15	13.8	3.6	318.9	10.10	56.4	35.0	45.9	86.0	33.6	32.4	0.00	0.07	45.3	42.4	43.9	44.6	43.6	44.1
16	23.3	9.4	174.4	4.26	62.2	35.7	53.1	92.5	70.5	47.7	0.03	0.03	47.2	42.6	45.0	46.1	43.5	44.4
17	16.9	6.0	321.1	5.26	65.9	46.2	56.3	91.9	70.5	51.6	0.01	0.04	49.7	46.9	48.2	48.3	46.1	47.1
18	17.8	9.2	6.9	6.65	49.1	39.2	43.7	92.4	39.9	32.5	0.01	0.04	48.7	46.5	47.5	48.2	46.9	47.5
19	12.4	3.5	25.4	5.36	40.6	30.1	35.1	89.0	56.7	27.5	0.02	0.03	46.5	43.3	44.8	46.9	44.9	45.7
20	12.4	4.3	108.8	1.69	45.9	33.3	39.9	93.7	81.3	37.2	0.32	0.01	44.4	43.0	43.5	44.9	44.2	44.4
21	16.5	6.6	150.7	1.65	58.9	45.6	53.6	96.1	92.2	52.0	0.46	0.01	48.1	44.3	46.4	47.4	44.8	46.0
22	22.8	7.1	260.4	10.22	53.1	41.6	46.9	96.3	53.9	39.7	0.00	0.07	48.2	46.6	47.5	47.4	46.9	47.3
23	18.2	6.4	274.9	6.50	49.1	31.4	41.5	92.9	57.6	34.0	0.00	0.04	47.0	44.4	46.0	46.9	45.8	46.4
24	8.6	2.3	73.0	9.47	48.0	25.2	37.8	96.7	58.8	32.4	0.00	0.06	44.4	41.4	43.2	45.8	43.6	44.4
25	26.2	12.0	345.1	1.54	42.5	34.7	38.1	92.0	69.4	34.2	0.00	0.01	43.7	42.7	43.3	44.5	43.9	44.2
26	27.1	9.9	321.8	7.30	41.3	25.2	32.9	89.7	48.2	25.0	0.00	0.04	42.9	40.4	41.9	43.9	42.2	43.0
27	23.2	9.0	172.3	7.53	50.4	23.1	37.4	92.2	36.2	27.3	0.01	0.05	41.3	38.6	40.1	42.2	40.7	41.4
28	22.4	10.4	175.0	9.62	56.8	37.0	45.3	88.1	55.2	35.4	0.00	0.07	43.7	40.6	42.1	43.5	41.8	42.4
29	16.2	4.5	142.1	6.24	57.3	31.9	45.5	96.8	55.1	39.7	0.00	0.04	44.7	41.3	43.2	44.4	42.6	43.3
30	21.6	6.5	111.2	2.85	56.7	45.8	50.5	94.0	70.9	44.8	0.22	0.02	46.4	44.2	45.0	45.7	44.4	44.8
31	40.4	10.5	218.2	7.11	58.9	37.1	50.9	96.0	48.5	44.8	0.62	0.05	48.8	44.3	47.5	47.6	45.7	46.9
TOT				223.47							2.34	1.35						
AVG		7.8	223.2	7.21	49.4	30.2	39.9	90.2	52.9	31.8		0.04	43.6	40.8	42.2	43.8	42.2	42.9
MAX	40.4				66.3			97.0					49.7			48.3		
MIN						8.4			22.7					34.3			36.3	

Total Heating Degree Days : 782.2

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 334

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

509

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	28.9	9.5	289.9	6.15	42.7	26.0	35.1	95.8	55.0	28.2	0.00	0.04	46.6	42.3	44.6	47.1	44.0	45.5
2	12.6	3.5	171.4	11.29	46.9	22.8	33.3	97.2	50.1	28.0	0.00	0.06	42.5	39.6	41.0	44.0	41.8	42.6
3	24.1	7.9	183.1	10.19	49.6	24.3	38.1	97.5	52.1	31.5	0.00	0.06	41.6	38.4	40.1	42.3	40.7	41.5
4	21.1	9.3	175.1	1.30	50.2	40.2	45.9	94.1	68.9	41.7	0.33	0.01	43.8	41.1	42.1	43.6	42.0	42.6
5	15.6	4.2	244.4	3.34	55.4	48.1	50.5	95.4	80.1	47.8	0.01	0.02	46.4	43.8	45.3	45.8	43.6	44.8
6	21.0	6.9	313.2	7.69	49.0	39.0	43.7	91.7	50.6	37.0	0.00	0.05	46.4	44.7	45.7	45.9	45.3	45.7
7	32.3	6.8	304.4	2.40	44.9	34.7	40.6	94.7	57.5	36.3	0.13	0.01	45.0	43.6	44.4	45.3	44.7	45.0
8	28.3	9.1	243.1	10.07	49.8	28.9	38.5	78.7	31.9	24.6	0.00	0.06	43.6	41.1	42.1	44.7	42.8	43.3
9	37.8	15.6	303.7	6.61	45.6	24.0	37.8	85.6	36.3	24.6	0.00	0.04	42.0	39.7	41.4	43.0	41.7	42.4
10	25.1	9.9	169.0	11.65	44.9	20.1	33.8	93.5	40.0	22.3	0.00	0.07	39.7	37.3	38.7	41.7	39.8	40.5
11	38.8	17.9	182.4	3.75	53.7	38.1	46.2	76.3	50.7	34.5	0.00	0.03	42.7	38.8	40.3	42.2	40.3	40.8
12	23.9	11.2	216.2	1.43	58.7	32.5	47.3	96.0	73.0	43.2	1.14	0.01	45.8	41.6	44.1	44.6	42.2	43.5
13	15.0	6.3	347.2	1.92	35.9	31.7	33.3	97.2	91.8	32.0	0.79	0.01	41.7	39.7	40.3	43.5	41.4	41.9
14	12.3	5.1	0.1	1.48	39.9	34.6	37.6	97.4	95.0	36.7	0.69	0.01	41.5	40.5	40.8	41.8	41.3	41.5
15	25.7	13.4	292.5	1.27	39.3	21.6	31.3	96.5	75.8	27.9	0.17	0.01	41.2	38.5	40.5	41.9	40.1	41.4
16	23.0	11.0	321.5	9.93	22.9	15.0	19.4	83.9	65.8	12.9	0.00	0.04	38.5	36.2	36.9	40.1	37.4	38.5
17	15.6	5.9	147.1	9.27	31.0	20.1	25.7	78.5	60.3	17.6	0.00	0.04	36.2	35.4	35.8	37.5	36.8	37.0
18	31.6	10.9	247.4	10.53	41.7	28.7	34.0	80.1	59.1	25.9	0.00	0.06	38.7	35.9	37.2	38.3	36.8	37.4
19	22.0	7.0	286.0	12.45	42.4	23.1	31.5	89.1	34.9	21.6	0.00	0.07	38.8	36.1	37.4	38.3	37.3	37.8
20	13.8	4.3	73.7	7.59	35.2	23.9	30.4	93.9	55.6	23.4	0.00	0.04	37.0	35.3	36.3	37.9	36.9	37.4
21	18.9	5.8	164.3	3.91	37.9	30.0	34.2	97.1	90.0	32.5	0.14	0.02	36.8	36.1	36.5	37.8	37.5	37.6
22	17.8	9.5	310.1	2.15	35.9	30.4	32.5	96.3	68.6	27.1	0.01	0.01	37.0	36.7	36.9	37.9	37.6	37.8
23	16.8	6.2	252.3	12.78	46.2	28.4	35.6	82.8	40.9	25.2	0.00	0.07	38.9	36.1	37.2	38.5	37.3	37.8
24	17.5	8.3	313.4	10.26	41.7	31.2	34.9	88.0	56.2	27.7	0.00	0.06	39.8	37.3	38.3	39.0	38.1	38.5
25	28.9	8.2	339.9	12.84	36.1	22.8	29.7	91.7	45.3	20.5	0.00	0.06	39.5	36.9	38.3	38.9	38.2	38.7
26	23.3	9.5	200.2	13.04	59.6	22.4	40.5	89.0	34.5	28.8	0.00	0.09	39.8	35.4	37.4	39.2	37.1	37.9
27	29.2	14.3	305.2	6.01	42.7	24.5	35.1	82.5	38.1	23.0	0.00	0.04	39.2	37.0	38.1	39.2	38.3	38.8
28	31.4	15.1	304.5	11.97	24.6	11.0	16.3	84.9	41.7	5.0	0.00	0.05	37.0	34.1	35.1	38.3	35.9	36.9
29	29.0	8.9	233.3	11.28	43.3	11.1	28.6	87.1	35.1	14.4	0.00	0.06	34.1	33.5	33.6	35.9	35.1	35.4
30	32.2	15.1	304.2	12.65	31.9	10.5	17.4	81.4	42.4	4.8	0.00	0.05	33.5	33.2	33.4	35.1	34.7	34.9
31	17.6	6.7	185.3	10.16	26.9	5.5	17.8	92.3	42.1	8.4	0.00	0.04	33.2	32.8	32.9	34.7	34.3	34.5
TOT				237.36							3.41	1.29						
AVG		9.1	267.1	7.66	42.1	26.0	34.1	89.9	55.5	26.3		0.04	40.3	38.0	39.1	40.8	39.4	40.0
MAX	38.8				59.6			97.5					46.6			47.1		
MIN						5.5			31.9					32.8			34.3	

Total Heating Degree Days : 959.5

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 388

Illinois Climate Network (ICN)
 February 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 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	10.7	4.3	223.4	5.84	28.1	19.3	24.4	94.1	73.5	20.7	0.01	0.03	32.8	32.7	32.7	34.3	34.1	34.2
2	27.3	10.3	296.3	14.26	26.9	9.0	19.0	82.9	29.8	5.2	0.01	0.06	32.8	32.7	32.7	34.2	34.0	34.2
3	29.8	10.5	282.2	14.83	22.9	6.5	16.9	71.2	23.2	-0.9	0.00	0.06	32.7	32.4	32.5	34.0	33.8	33.8
4	32.1	10.0	301.9	14.42	31.3	1.0	16.0	83.3	34.5	1.4	0.00	0.06	32.4	32.1	32.2	33.8	33.5	33.6
5	16.6	4.9	25.0	4.52	12.5	5.6	9.1	84.3	49.6	-1.5	0.01	0.01	32.1	31.9	32.0	33.5	33.3	33.4
6	27.0	10.5	58.8	8.55	52.5	12.4	26.2	83.0	38.4	16.0	0.01	0.05	31.9	31.8	31.8	33.3	33.2	33.3
7	20.0	8.1	0.9	6.69	22.8	11.8	18.0	76.3	48.3	6.8	0.00	0.03	31.9	31.8	31.8	33.2	33.1	33.3
8	15.6	7.5	347.2	10.89	26.2	16.5	21.4	65.9	28.7	2.3	0.00	0.05	31.9	31.8	31.8	33.2	33.1	33.1
9	16.8	7.2	337.4	9.52	29.4	19.1	22.8	45.1	17.7	-4.5	0.00	0.04	31.9	31.8	31.8	33.1	33.0	33.1
10	16.4	6.4	333.0	15.41	30.9	14.3	22.3	73.3	21.3	-0.9	0.00	0.07	31.9	31.8	31.8	33.0	33.0	33.1
11	16.9	5.8	179.2	14.33	45.5	20.0	33.8	73.2	31.0	14.9	0.00	0.08	31.9	31.8	31.8	33.0	32.9	32.9
12	12.8	3.8	106.0	2.74	40.6	32.5	36.3	95.8	59.9	30.0	0.53	0.02	31.9	31.8	31.8	33.0	32.9	32.9
13	38.0	16.6	7.8	2.61	34.1	20.1	27.5	96.4	79.7	25.3	0.77	0.01	31.9	31.8	31.8	32.9	32.9	32.9
14	28.4	12.2	347.8	16.34	22.2	12.6	16.9	82.1	65.2	9.9	0.00	0.06	32.0	31.9	32.0	33.0	32.9	32.9
15	16.3	9.0	327.3	14.88	16.8	7.7	12.2	77.1	57.4	3.7	0.00	0.05	32.1	31.9	32.0	33.1	33.0	33.1
16	31.5	10.5	192.6	17.36	28.8	5.3	17.8	96.2	51.1	10.2	0.00	0.07	32.1	32.1	32.2	33.1	33.0	33.1
17	34.6	14.5	305.1	9.19	31.5	21.8	26.4	96.9	61.2	20.8	0.03	0.04	32.2	32.1	32.2	33.1	33.1	33.1
18	15.1	6.2	264.5	17.41	36.9	12.5	25.7	90.0	50.6	18.3	0.01	0.08	32.2	32.1	32.2	33.1	33.0	33.1
19	34.0	13.5	185.3	14.98	54.4	29.3	42.6	87.1	36.3	29.5	0.00	0.10	32.2	32.1	32.2	33.1	33.0	33.1
20	16.8	4.7	30.1	8.76	57.5	31.1	44.1	93.3	64.8	38.3	0.00	0.06	32.8	32.1	32.4	33.1	33.0	33.1
21	15.9	2.9	251.4	17.56	57.6	27.4	41.4	96.7	42.8	33.4	0.00	0.12	35.6	32.4	33.4	33.2	33.1	33.1
22	23.1	8.6	325.2	18.13	52.1	28.5	42.3	87.4	29.4	28.8	0.00	0.12	37.8	33.4	35.2	33.9	33.2	33.4
23	20.9	7.2	112.2	17.56	48.8	26.6	37.9	91.9	47.2	28.2	0.00	0.11	37.7	33.7	35.6	35.5	33.8	34.3
24	30.7	11.4	124.9	1.13	46.7	35.4	39.4	94.4	59.3	33.4	0.90	0.01	36.8	34.5	35.8	36.4	35.3	35.6
25	26.9	11.4	243.9	2.28	49.1	34.8	40.3	93.6	64.4	33.3	0.08	0.01	38.2	36.8	37.6	37.7	36.4	37.4
26	16.6	5.4	272.0	13.53	48.7	28.9	36.5	89.2	36.9	25.9	0.00	0.08	39.4	36.0	37.4	38.1	36.6	37.2
27	12.8	4.2	25.2	18.40	50.1	25.2	36.3	94.7	38.2	26.8	0.00	0.11	40.0	34.9	37.2	38.3	36.2	37.2
28	23.9	9.1	123.5	12.18	61.1	31.8	46.8	89.6	41.9	37.2	0.00	0.08	42.0	37.1	39.2	40.3	37.6	38.5
TOT				324.30							2.36	1.67						
AVG		8.5	320.1	11.58	38.1	19.5	28.6	85.2	45.8	17.6		0.06	34.0	32.8	33.3	34.3	33.8	34.0
MAX	38.0				61.1			96.9					42.0			40.3		
MIN						1.0			17.7					31.8			32.9	

Total Heating Degree Days : 1013.6

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 321

Illinois Climate Network (ICN)
 March 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 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	38.7	17.1	218.6	14.54	70.8	38.8	53.4	84.1	29.1	40.3	0.00	0.12	46.9	42.0	44.2	43.8	40.3	42.3
2	29.6	11.9	262.0	19.90	51.4	30.1	42.1	73.4	23.8	20.3	0.00	0.13	43.4	40.3	41.9	43.1	41.0	41.7
3	32.3	15.3	296.4	9.54	36.6	24.8	29.7	92.1	49.4	19.2	0.00	0.05	41.0	37.1	39.0	41.6	38.4	39.9
4	19.4	8.0	289.4	20.37	43.5	17.2	29.5	80.5	24.9	13.6	0.00	0.10	39.3	35.4	37.0	38.5	36.9	37.6
5	24.5	7.8	328.3	19.94	63.3	29.4	42.8	81.4	27.4	28.2	0.00	0.14	42.3	35.7	38.7	39.9	36.8	38.1
6	16.5	6.7	111.6	16.41	47.2	25.9	36.5	82.6	41.1	24.8	0.00	0.09	41.4	37.7	39.7	40.3	38.6	39.4
7	22.4	9.0	21.8	19.26	47.4	29.7	39.6	89.4	43.5	29.5	0.00	0.12	42.6	38.5	40.5	41.0	39.3	40.1
8	11.1	3.9	74.5	19.93	54.5	25.2	38.7	90.1	41.5	28.4	0.00	0.12	43.6	37.9	40.6	41.7	39.1	40.3
9	28.6	5.9	216.4	12.10	73.1	29.0	50.2	96.3	30.6	40.5	0.04	0.10	44.8	38.8	41.9	43.2	40.0	41.4
10	17.3	5.8	359.4	19.66	62.7	39.6	50.9	94.2	25.8	37.8	0.01	0.14	48.1	43.7	45.7	45.5	43.2	44.1
11	13.6	4.2	96.7	19.63	62.0	34.2	49.5	90.5	17.2	29.1	0.00	0.14	47.5	42.5	45.1	45.6	43.3	44.4
12	15.5	4.3	206.2	18.78	77.4	34.0	55.6	88.8	25.9	37.6	0.00	0.15	49.6	43.2	46.2	47.0	43.9	45.3
13	26.2	8.7	202.2	13.19	77.5	44.8	64.6	92.0	46.8	53.8	0.00	0.10	51.8	46.2	49.3	49.3	46.1	47.3
14	32.1	0.0	0.0	0.00	73.9	52.2	32.0	94.7	55.6	32.0	0.00	0.00	54.0	50.8	32.0	51.5	49.3	32.0
15	34.6	11.1	27.6	4.16	52.1	39.6	43.9	90.6	65.4	37.9	0.03	0.03	53.3	48.0	50.2	51.5	48.5	50.0
16	28.1	11.5	346.7	20.30	45.5	29.8	37.8	85.9	45.1	27.7	0.00	0.12	48.0	45.2	46.6	48.5	46.1	46.9
17	8.7	2.6	3.2	8.07	39.0	26.4	32.9	92.5	45.9	23.7	0.00	0.04	45.2	42.5	43.7	46.1	44.1	44.8
18	19.8	7.4	144.0	22.61	51.8	23.5	39.4	93.9	30.4	23.4	0.00	0.14	45.0	40.1	42.6	44.4	42.3	43.5
19	21.7	8.0	207.1	4.64	69.2	42.7	56.7	88.9	45.1	44.1	0.00	0.04	47.4	43.1	45.1	46.5	43.9	44.8
20	17.2	5.9	65.0	3.00	55.4	44.9	48.9	93.9	41.9	38.7	0.00	0.02	47.3	46.3	46.8	46.5	46.2	46.4
21	31.5	13.5	184.2	20.69	79.3	51.7	66.0	94.0	37.8	53.6	0.00	0.19	53.2	46.5	49.8	50.5	46.4	48.0
22	30.3	12.0	201.1	7.57	72.2	61.9	66.6	86.2	57.6	56.7	0.00	0.07	54.5	52.6	53.2	52.3	50.5	51.3
23	20.2	5.7	194.8	5.96	70.3	57.5	63.9	95.7	65.1	58.5	0.20	0.05	55.5	53.1	54.3	53.6	52.0	52.7
24	18.3	6.1	181.1	18.66	79.7	55.1	67.5	96.4	45.7	57.4	0.00	0.16	58.2	53.3	55.6	55.5	52.8	54.0
25	25.5	9.1	191.4	17.98	83.8	53.1	70.0	93.7	36.6	55.6	0.00	0.16	59.1	54.8	57.0	56.6	54.4	55.4
26	19.1	7.0	206.3	11.57	78.7	61.7	69.8	78.0	43.6	56.5	0.00	0.10	59.4	56.8	58.1	57.3	55.9	56.5
27	25.1	6.1	157.2	19.72	82.0	53.5	68.2	92.7	25.2	54.0	0.00	0.18	60.3	56.1	58.3	58.1	55.9	57.0
28	15.5	7.1	166.3	18.04	75.7	59.8	67.1	91.4	57.0	59.9	0.00	0.15	61.2	58.0	59.5	59.0	57.3	58.1
29	14.1	4.3	100.1	10.89	78.5	59.5	68.0	94.6	58.2	62.1	0.00	0.09	61.8	58.9	60.3	59.7	58.1	58.8
30	20.8	5.2	44.5	11.16	70.2	58.8	64.2	94.0	67.7	59.4	0.00	0.09	61.2	58.8	60.1	59.5	58.3	58.8
31	40.4	13.4	174.3	9.00	71.3	53.0	64.9	94.2	63.5	58.3	0.04	0.08	60.5	59.3	59.9	59.1	58.4	58.8
TOT				437.27							0.32	3.21						
AVG		7.9	204.0	14.11	64.4	41.5	52.0	89.9	42.4	40.7		0.10	50.6	46.5	47.8	48.9	46.7	47.1
MAX	40.4				83.8			96.4					61.8			59.7		
MIN						17.2			17.2					35.4			36.8	

Total Heating Degree Days : 396.4

Total Cooling Degree Days : 23.1

Total Hours of Wind > 8 mph : 329

Illinois Climate Network (ICN)
 April 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 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	31.3	9.7	231.3	24.40	76.6	48.8	61.7	72.1	24.0	42.1	0.00	0.21	60.8	56.7	58.6	58.9	57.2	57.9
2	23.7	7.2	180.1	24.80	82.2	41.9	64.2	91.5	26.1	46.4	0.00	0.22	60.4	54.6	57.6	58.2	55.5	56.8
3	34.1	12.3	246.1	7.80	78.2	42.0	61.0	93.2	52.6	53.1	0.53	0.07	59.9	57.7	59.0	58.3	57.5	57.9
4	29.8	15.4	308.0	19.90	44.2	33.5	37.6	73.3	47.0	26.1	0.00	0.12	57.7	53.4	55.2	57.5	52.6	54.5
5	23.7	12.0	328.6	20.37	44.1	29.7	35.8	74.0	40.4	23.2	0.00	0.11	54.0	50.6	52.3	52.6	50.2	51.1
6	32.2	15.5	321.9	16.32	37.0	25.8	32.5	62.9	33.9	14.7	0.00	0.09	51.7	48.1	50.0	50.6	47.5	48.9
7	25.6	12.6	313.7	22.72	37.2	24.1	29.5	80.3	33.8	12.2	0.00	0.12	49.7	45.9	47.7	47.5	45.7	46.4
8	17.7	4.3	293.5	21.59	47.0	22.6	35.2	84.7	30.2	19.6	0.00	0.13	49.9	43.5	46.8	47.0	44.7	45.7
9	19.5	4.3	307.4	25.67	52.3	23.6	39.9	93.3	20.0	20.1	0.00	0.16	50.8	43.7	47.3	47.6	45.0	46.2
10	21.9	8.2	133.4	12.06	56.6	38.7	47.5	88.7	26.3	30.0	0.16	0.09	48.9	47.1	48.0	48.7	47.2	47.8
11	28.7	12.5	227.9	14.59	63.6	42.7	50.9	95.0	41.7	43.7	0.16	0.11	52.1	47.9	50.0	50.3	48.5	49.3
12	33.1	14.7	302.4	11.09	46.7	30.8	39.9	92.1	49.0	28.8	0.00	0.07	50.6	47.2	48.9	50.0	47.4	48.4
13	13.9	3.6	57.1	14.24	50.5	28.3	41.2	95.1	33.6	30.7	0.24	0.09	49.1	45.1	47.3	48.2	46.1	47.1
14	25.9	12.2	19.9	3.23	41.5	37.9	39.4	94.7	75.7	36.1	0.37	0.02	47.6	46.1	46.8	48.1	46.9	47.5
15	24.9	10.3	338.0	24.44	59.1	35.1	46.4	84.9	29.0	31.5	0.00	0.17	51.0	45.4	48.0	48.2	46.1	47.1
16	19.5	5.3	318.0	27.67	71.4	38.0	54.5	86.6	22.0	36.5	0.00	0.22	54.2	46.3	50.0	50.4	46.9	48.4
17	10.2	1.9	196.9	20.18	74.6	37.9	58.6	94.3	21.9	42.3	0.00	0.17	56.4	48.3	52.5	52.9	48.8	50.5
18	24.8	9.9	5.1	26.32	64.2	47.3	55.8	74.5	28.5	37.9	0.00	0.20	56.6	52.1	54.3	54.0	51.9	52.9
19	18.9	6.3	31.9	25.43	62.1	42.0	51.3	91.4	44.4	40.6	0.00	0.18	57.3	51.3	54.1	54.5	51.9	53.2
20	15.2	3.6	126.7	27.15	70.7	36.3	55.6	95.5	34.1	42.1	0.00	0.21	59.5	50.9	55.2	56.0	52.1	54.0
21	21.0	5.8	157.0	27.88	78.0	41.1	61.9	95.2	25.4	43.7	0.00	0.24	61.0	52.6	56.8	57.2	53.4	55.2
22	35.6	12.9	178.4	26.50	80.0	46.5	67.5	90.3	33.3	47.8	0.00	0.24	61.6	54.4	58.1	57.9	54.8	56.3
23	25.1	10.8	249.9	24.80	84.5	58.3	71.8	77.7	23.7	51.8	0.00	0.23	64.5	57.7	60.8	59.8	56.9	58.3
24	22.2	8.2	160.8	21.79	81.7	51.2	68.0	91.5	47.7	57.4	0.00	0.19	65.0	57.9	61.5	60.9	57.7	59.2
25	23.3	8.2	185.5	13.87	72.7	60.9	66.4	94.5	57.0	59.4	0.93	0.12	64.6	61.5	63.0	61.7	60.2	61.0
26	25.2	11.5	224.7	16.56	69.9	51.0	59.5	92.2	51.4	53.4	0.05	0.14	64.2	60.6	62.2	61.9	60.5	61.2
27	21.9	7.5	283.0	25.03	71.7	50.0	59.9	86.4	31.9	46.0	0.00	0.20	63.6	58.6	61.0	61.3	59.2	60.3
28	27.3	8.2	297.5	26.49	77.3	50.8	64.2	88.6	26.6	47.7	0.00	0.23	63.9	58.8	61.3	61.5	59.4	60.6
29	18.2	3.2	257.2	28.89	85.7	50.4	67.8	90.4	23.2	50.2	0.00	0.26	67.0	58.2	62.6	63.3	59.1	61.0
30	19.4	5.9	202.4	28.62	89.6	53.1	73.4	92.6	20.5	51.8	0.00	0.27	68.8	60.5	64.6	64.9	60.8	62.8
TOT				630.40							2.44	4.88						
AVG		8.8	276.4	21.01	65.0	40.7	53.3	87.2	35.2	38.9		0.16	57.4	52.1	54.7	55.0	52.4	53.6
MAX	35.6				89.6			95.5					68.8			64.9		
MIN						22.6			20.0					43.5			44.7	

Total Heating Degree Days : 383.7

Total Cooling Degree Days : 19.0

Total Hours of Wind > 8 mph : 392

Illinois Climate Network (ICN)

May 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 øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF	MAX SOIL TEMP øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF
1	25.7	5.1	258.0	16.29	85.3	62.3	71.8	94.3	39.1	60.3	0.00	0.15	68.6	63.0	65.8	65.2	62.7	64.0
2	17.8	4.6	114.8	5.77	69.7	61.3	65.3	95.7	82.6	63.0	0.25	0.05	65.9	64.1	65.1	64.7	63.5	64.0
3	21.0	6.9	119.4	7.15	71.0	63.2	65.7	95.1	79.1	63.0	0.23	0.06	65.7	63.9	64.8	64.2	63.4	63.9
4	17.6	5.3	144.0	8.26	70.0	62.5	65.3	94.7	80.3	63.0	0.75	0.07	66.8	63.3	64.9	64.8	63.4	64.0
5	14.1	5.0	119.3	18.32	80.0	61.5	69.8	96.0	64.0	64.4	0.01	0.16	70.0	64.3	66.7	66.5	63.7	64.9
6	20.9	8.2	109.9	21.90	78.4	61.3	69.6	89.6	50.5	59.5	0.00	0.19	71.0	65.8	68.0	67.5	65.1	66.2
7	15.7	6.8	155.0	27.53	84.4	53.7	70.3	91.2	48.4	57.4	0.00	0.24	71.8	64.2	68.0	68.0	64.7	66.4
8	22.3	3.8	297.5	26.06	86.0	62.0	74.5	93.3	39.7	62.8	0.05	0.24	73.9	66.7	70.2	69.8	66.3	67.8
9	12.8	3.1	356.8	24.95	83.1	63.8	72.9	95.6	37.9	63.1	0.05	0.22	74.6	68.4	71.4	71.0	67.9	69.4
10	44.0	4.1	154.3	23.84	84.3	62.8	71.6	95.1	50.4	64.8	1.19	0.21	75.3	68.6	71.6	72.2	68.6	70.2
11	10.5	2.2	353.1	9.85	79.8	61.8	69.3	95.5	57.8	64.2	0.02	0.08	71.9	69.2	70.3	70.6	69.1	69.6
12	18.0	5.2	19.6	29.29	81.1	59.1	69.3	96.2	33.7	56.5	0.00	0.25	73.6	67.0	70.2	70.7	67.7	69.3
13	13.8	4.8	88.8	29.08	78.1	53.0	66.6	82.7	33.0	49.3	0.00	0.25	73.3	66.4	69.8	70.9	67.7	69.3
14	15.0	6.1	178.2	30.22	84.2	52.7	70.0	91.5	29.6	53.1	0.00	0.27	74.5	66.0	70.2	71.1	67.6	69.4
15	28.5	8.9	253.9	15.61	85.9	57.6	68.0	93.1	40.4	58.1	0.30	0.14	72.8	67.6	69.8	70.4	68.3	69.3
16	27.2	8.8	332.4	29.02	69.9	51.7	59.9	86.0	29.4	46.0	0.00	0.24	70.3	64.9	67.5	68.7	66.3	67.3
17	24.7	9.5	3.2	27.24	63.4	45.3	55.2	88.3	37.4	42.1	0.00	0.21	67.6	63.2	65.3	67.1	64.9	65.8
18	12.9	2.4	107.3	31.88	69.9	40.2	55.4	94.8	24.9	39.0	0.00	0.25	69.3	60.0	64.6	66.8	62.8	64.8
19	18.0	4.7	200.6	31.74	76.3	42.5	60.4	95.4	26.6	44.6	0.00	0.27	71.1	60.7	65.8	67.0	63.2	65.1
20	15.4	3.9	193.5	31.23	81.1	47.4	66.0	91.5	26.5	47.5	0.00	0.27	72.7	62.4	67.5	68.0	63.8	65.8
21	21.1	6.1	179.8	31.46	81.6	50.4	67.3	91.3	25.5	49.6	0.00	0.28	73.3	64.0	68.7	68.4	65.0	66.7
22	23.1	7.3	174.1	24.11	84.3	55.1	71.1	90.0	32.5	54.9	0.00	0.22	72.4	65.4	68.9	68.4	65.7	67.1
23	25.6	8.4	168.6	27.32	87.1	60.3	74.3	82.2	30.6	56.8	0.00	0.26	73.9	66.5	70.2	69.4	66.5	68.0
24	30.2	10.5	183.3	26.41	85.8	59.0	74.7	91.1	36.0	59.2	0.00	0.25	73.7	67.1	70.5	69.6	67.2	68.5
25	13.6	3.7	106.9	13.84	77.5	65.3	69.6	94.4	69.1	65.1	0.22	0.12	73.3	69.2	71.1	70.0	68.4	69.3
26	23.4	4.4	183.7	19.53	82.0	64.6	71.8	95.7	50.5	64.8	0.01	0.17	75.0	68.9	72.0	71.3	68.6	69.8
27	30.3	3.7	203.9	16.00	81.9	64.2	68.9	93.5	55.2	63.1	0.69	0.14	75.0	69.9	71.6	71.3	69.4	70.3
28	11.8	3.7	126.3	17.16	83.9	63.6	72.1	94.9	50.7	64.8	0.00	0.15	74.6	69.7	71.8	71.7	69.4	70.3
29	19.1	4.9	158.5	26.85	86.8	61.3	74.7	95.5	31.0	62.1	0.00	0.25	76.1	69.4	72.9	72.4	69.8	71.1
30	22.7	6.5	171.4	15.26	79.2	65.1	71.8	90.5	53.5	63.1	0.00	0.14	74.1	71.0	72.5	72.0	70.6	71.2
31	17.4	6.9	158.0	15.42	76.9	65.5	70.9	93.8	69.0	64.9	0.00	0.13	73.7	70.7	72.0	71.2	70.2	70.7
TOT				678.59							3.77	5.93						
AVG		5.7	159.7	21.89	79.6	58.1	68.5	92.5	45.6	57.7		0.19	72.1	66.2	69.0	69.1	66.5	67.7
MAX	44.0				87.1			96.2					76.1			72.4		
MIN						40.2			24.9					60.0			62.7	

Total Heating Degree Days : 31.2

Total Cooling Degree Days : 150.6

Total Hours of Wind > 8 mph : 174

Illinois Climate Network (ICN)
 June 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 øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF	MAX SOIL TEMP øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF
1	21.3	6.5	181.6	23.36	85.5	61.7	73.8	95.9	49.2	65.3	0.00	0.21	75.2	69.4	72.5	71.8	69.6	70.7
2	26.1	4.6	244.7	25.33	84.1	61.7	71.8	95.3	41.2	62.2	0.00	0.23	75.7	69.9	72.9	72.1	70.0	71.1
3	22.2	6.0	275.9	27.70	78.3	61.4	70.3	95.3	43.2	58.8	0.00	0.24	75.2	70.2	72.7	72.0	70.3	71.2
4	24.9	8.6	307.6	26.16	80.2	62.7	70.3	87.7	43.3	58.6	0.00	0.23	73.7	69.7	71.6	71.3	69.9	70.7
5	21.9	6.7	333.8	29.08	79.9	56.2	69.1	93.2	34.4	55.0	0.00	0.26	73.4	68.7	71.1	71.2	69.4	70.3
6	25.0	8.5	173.5	29.71	88.3	52.0	73.0	95.5	40.2	58.3	0.00	0.28	74.5	66.8	70.9	71.5	68.6	70.0
7	35.1	16.7	187.8	29.66	89.3	73.2	82.0	68.5	44.2	64.9	0.00	0.29	75.8	70.5	73.2	72.7	70.4	71.4
8	24.1	9.0	280.2	23.54	80.4	56.9	72.1	91.8	47.9	61.3	0.00	0.21	74.8	70.5	73.2	72.5	71.5	72.1
9	12.1	2.5	14.9	32.45	81.4	52.4	67.3	94.9	27.4	51.3	0.00	0.28	75.0	67.3	71.1	72.4	69.2	70.9
10	12.9	1.9	146.9	11.83	77.9	54.0	66.7	94.4	48.8	58.3	0.00	0.10	71.6	67.6	69.8	71.7	69.4	70.2
11	12.0	2.5	139.3	19.07	83.7	62.7	72.0	92.2	33.2	60.3	0.00	0.17	74.6	68.8	71.2	71.7	69.4	70.3
12	14.3	3.2	91.3	31.51	87.8	59.4	74.3	94.9	26.9	57.0	0.00	0.29	76.2	68.6	72.3	73.4	69.6	71.4
13	12.7	2.8	84.3	31.40	88.6	55.3	73.6	94.1	30.0	57.6	0.00	0.29	76.4	68.3	72.5	73.9	70.2	72.0
14	9.5	2.0	97.0	28.36	93.6	60.3	76.8	94.0	29.4	61.5	0.00	0.27	78.2	69.7	74.1	75.3	71.1	73.0
15	12.0	2.3	81.7	29.38	92.8	62.1	77.4	94.2	27.4	61.7	0.00	0.28	79.6	71.0	75.6	76.4	72.1	74.3
16	12.7	2.2	198.5	28.34	93.1	62.0	78.3	92.8	26.8	61.5	0.00	0.27	80.4	71.6	76.1	77.0	72.7	74.8
17	19.1	5.0	185.6	29.65	93.1	65.7	79.7	93.0	26.3	62.2	0.00	0.29	80.6	72.9	76.6	77.6	73.6	75.6
18	33.3	8.0	190.4	18.47	86.9	66.0	76.5	88.5	43.9	66.4	0.00	0.17	77.7	73.0	75.4	76.1	73.7	74.8
19	25.5	8.6	343.0	30.73	87.9	63.3	77.4	88.5	22.6	59.5	0.00	0.29	78.7	73.5	75.7	76.1	73.7	74.8
20	12.9	2.5	115.5	25.96	83.9	57.0	70.9	91.5	27.4	54.5	0.00	0.23	77.8	70.1	73.9	75.7	72.0	73.9
21	16.1	3.9	178.2	29.22	91.4	57.5	76.3	93.6	36.2	62.4	0.00	0.27	80.6	70.1	75.4	77.2	71.8	74.5
22	13.6	3.5	93.8	27.58	90.7	68.2	79.5	91.5	37.5	66.4	0.00	0.26	82.2	73.5	77.7	78.2	73.9	75.9
23	22.7	5.2	215.5	22.02	89.3	67.5	77.2	93.5	41.6	67.1	0.00	0.21	81.5	74.8	77.9	77.7	75.1	76.5
24	25.6	2.7	90.6	16.47	81.5	66.5	73.2	95.4	62.8	68.7	0.59	0.14	79.0	74.3	76.6	76.7	74.6	75.7
25	19.7	4.5	160.2	18.28	86.1	66.4	76.1	95.4	56.8	70.3	1.10	0.16	79.3	73.4	76.5	76.8	74.3	75.7
26	18.4	5.3	152.5	20.73	88.7	70.9	76.1	93.7	54.2	69.8	0.00	0.19	81.8	75.3	78.3	78.6	75.4	77.0
27	14.3	3.1	193.4	17.92	88.1	69.2	76.3	94.1	53.0	70.2	0.00	0.16	82.2	75.8	78.6	78.4	76.2	77.4
28	16.5	3.0	62.8	14.83	82.3	69.7	73.8	94.8	69.8	70.0	0.61	0.13	79.3	76.2	77.7	77.6	76.2	76.8
29	15.2	5.7	18.6	14.40	73.9	62.3	67.6	93.4	65.0	62.6	0.35	0.12	77.2	73.8	75.0	76.9	74.5	75.2
30	11.1	2.9	14.1	16.18	77.3	61.3	70.3	94.2	60.5	63.5	0.00	0.14	76.2	72.1	74.3	74.8	73.2	74.1
TOT				729.32							2.65	6.66						
AVG		5.0	191.3	24.31	85.5	62.2	74.0	92.5	41.7	62.2		0.22	77.5	71.3	74.3	74.8	72.1	73.4
MAX	35.1				93.6			95.9					82.2			78.6		
MIN						52.0			22.6					66.8			68.6	

Total Heating Degree Days : 0.0

Total Cooling Degree Days : 265.6

Total Hours of Wind > 8 mph : 141

Illinois Climate Network (ICN)

July 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	11.5	3.6	72.0	17.29	79.3	65.0	72.0	92.7	55.4	62.8	0.00	0.15	76.9	73.1	74.8	75.4	73.6	74.5
2	15.2	4.4	90.9	30.89	81.8	57.4	70.3	93.0	32.8	56.8	0.00	0.28	78.5	71.1	74.7	76.0	72.7	74.3
3	9.7	2.3	169.3	31.54	86.0	55.7	70.7	95.4	32.6	58.3	0.00	0.28	79.7	70.7	75.2	76.3	72.5	74.5
4	29.5	4.9	199.0	20.75	90.0	63.7	75.9	92.6	54.4	69.1	0.01	0.19	80.9	73.5	77.0	76.7	73.9	75.4
5	32.8	3.8	351.4	28.04	92.1	68.9	78.6	93.7	41.0	68.9	0.28	0.26	82.3	75.6	78.8	78.2	75.3	76.6
6	10.2	2.2	40.5	29.82	89.0	65.0	77.2	95.3	36.3	65.3	0.00	0.28	82.2	75.5	79.0	78.5	75.8	77.2
7	8.4	1.7	142.8	29.33	89.6	65.5	77.4	94.8	40.3	66.6	0.00	0.27	83.0	75.5	79.2	79.2	75.9	77.5
8	12.4	3.6	188.2	29.20	90.6	67.0	79.0	94.8	37.0	68.0	0.00	0.28	83.7	76.3	80.1	79.5	76.6	78.1
9	23.0	4.8	194.1	25.03	90.8	68.5	77.2	93.1	48.1	68.7	0.00	0.24	84.3	77.1	80.4	79.4	77.1	78.3
10	30.1	5.4	205.2	19.56	85.1	67.8	74.1	93.8	64.5	69.3	0.72	0.18	80.9	76.5	78.3	78.4	76.5	77.5
11	21.4	6.6	335.5	31.44	80.2	61.4	72.3	94.1	36.7	60.1	0.00	0.28	80.0	75.1	77.4	78.2	75.5	76.8
12	14.6	3.3	238.3	29.11	84.6	59.6	73.2	94.9	36.2	61.0	0.00	0.26	80.8	72.9	76.8	78.5	74.4	76.5
13	11.4	2.9	32.6	27.88	83.7	62.2	73.6	91.7	46.0	62.8	0.00	0.25	81.3	75.4	78.3	79.3	76.0	77.5
14	13.4	2.4	240.3	30.96	89.5	59.2	74.1	94.7	36.3	63.0	0.00	0.28	82.2	73.8	78.1	79.5	75.3	77.4
15	13.7	3.6	29.9	26.18	87.5	63.2	76.1	92.7	37.8	64.4	0.00	0.24	81.7	75.9	78.6	79.5	76.5	78.1
16	13.9	4.6	158.6	28.31	88.6	60.7	76.1	93.9	44.5	66.0	0.00	0.26	81.8	74.4	78.3	79.9	75.7	77.9
17	27.7	5.1	193.0	12.57	83.9	69.7	75.4	93.8	65.7	69.3	0.00	0.11	78.8	76.5	77.7	79.1	77.1	77.7
18	13.9	4.6	198.6	22.35	91.0	68.8	80.8	94.3	54.2	72.0	0.00	0.21	82.1	74.9	78.4	79.8	75.7	77.5
19	34.5	5.3	290.0	17.72	89.4	71.4	78.1	93.6	54.4	70.5	0.36	0.17	81.7	76.9	79.0	79.5	77.3	78.3
20	15.3	5.3	37.9	29.23	77.6	59.3	68.9	92.4	47.0	58.3	0.00	0.25	79.9	74.1	76.8	78.3	75.4	77.0
21	12.2	3.6	56.6	29.98	79.2	56.4	68.0	93.4	40.9	56.7	0.00	0.26	79.3	71.5	75.4	77.7	73.7	75.7
22	11.2	2.2	77.9	25.46	80.4	55.2	68.0	95.4	38.8	57.7	0.00	0.22	78.3	71.1	74.8	76.8	73.3	75.2
23	9.6	2.0	76.6	29.73	82.8	55.3	69.6	95.3	38.1	57.9	0.00	0.26	79.5	70.7	75.2	77.3	72.8	75.0
24	10.2	2.3	77.0	28.98	84.1	55.8	70.5	95.3	37.2	58.8	0.00	0.26	79.6	71.2	75.6	77.4	73.2	75.4
25	11.8	1.7	84.3	28.81	86.5	57.9	72.3	95.0	34.7	60.1	0.00	0.26	80.5	71.9	76.1	77.9	73.6	75.7
26	10.5	2.6	203.0	26.60	92.4	60.8	77.4	94.8	36.5	65.8	0.00	0.25	81.9	73.0	77.5	78.8	74.3	76.5
27	15.2	2.9	223.0	13.39	87.2	70.4	77.7	93.9	57.9	70.2	0.18	0.12	80.0	75.8	77.9	78.1	76.2	77.2
28	14.5	3.9	31.5	19.49	87.0	69.9	76.6	95.0	53.7	70.0	0.01	0.18	81.3	75.2	78.1	78.6	75.7	77.2
29	11.9	3.1	56.8	21.45	87.2	65.4	76.1	95.1	47.5	67.3	0.00	0.20	81.5	75.1	78.3	79.0	75.9	77.5
30	14.3	3.8	35.0	26.47	87.5	59.5	74.5	93.2	40.1	63.0	0.00	0.24	80.7	73.1	77.0	78.4	74.8	76.8
31	14.5	4.0	58.8	29.84	88.4	62.8	76.3	92.1	31.7	61.5	0.00	0.28	81.3	73.6	77.4	78.7	75.0	76.8
TOT				797.40							1.56	7.25						
AVG		3.6	106.0	25.72	86.2	62.9	74.5	94.0	43.8	64.2		0.23	80.9	74.1	77.4	78.3	75.1	76.7
MAX	34.5				92.4			95.4					84.3			79.9		
MIN						55.2			31.7					70.7			72.5	

515

Total Heating Degree Days : 0.0

Total Cooling Degree Days : 296.2

Total Hours of Wind > 8 mph : 35

Illinois Climate Network (ICN)

August 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 øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF	MAX SOIL TEMP øF	MIN SOIL TEMP øF	AVG SOIL TEMP øF
1	8.1	1.5	74.0	28.93	91.2	61.4	76.5	94.5	33.1	64.0	0.00	0.27	82.7	73.2	78.1	79.8	74.8	77.4
2	7.6	1.6	142.9	26.89	93.3	63.2	78.3	95.0	35.1	66.9	0.69	0.25	83.6	74.4	79.0	80.4	75.7	78.1
3	20.9	2.3	160.4	21.03	94.0	68.6	78.8	94.6	44.3	69.8	0.00	0.20	83.8	76.3	79.9	80.8	76.9	78.8
4	17.1	2.8	152.4	23.26	94.5	68.5	80.6	94.2	43.9	71.8	0.00	0.22	84.6	76.6	80.6	81.3	77.3	79.3
5	18.5	3.9	210.5	24.96	96.3	72.7	82.9	93.8	35.8	70.3	0.00	0.24	85.1	78.0	81.3	82.0	78.3	80.1
6	12.7	5.0	189.6	27.41	96.5	71.4	84.7	89.0	38.9	70.7	0.00	0.27	86.4	77.9	82.0	82.9	78.4	80.6
7	17.5	5.1	200.0	26.82	98.5	73.7	86.2	91.2	33.1	71.6	0.00	0.26	86.2	79.1	82.8	83.2	79.3	81.3
8	12.4	3.6	212.4	24.10	100.4	75.3	86.5	88.5	34.1	72.0	0.00	0.23	87.2	79.7	83.5	83.8	79.8	81.9
9	21.5	6.9	300.5	27.94	95.4	71.5	85.3	89.2	36.3	69.6	0.00	0.27	86.6	79.9	83.1	83.4	80.2	81.9
10	16.1	3.9	6.5	28.18	94.3	67.9	80.4	94.4	31.8	66.6	0.00	0.27	85.6	77.7	81.5	82.8	78.9	81.0
11	11.6	2.1	158.4	28.16	97.9	62.7	79.2	94.8	29.7	66.2	0.00	0.27	86.3	76.5	81.3	83.0	78.0	80.6
12	13.6	2.9	205.2	27.70	101.0	66.6	83.1	93.1	25.6	67.8	0.00	0.27	86.5	77.4	82.0	83.3	78.6	81.0
13	38.4	4.9	351.1	24.36	93.5	69.5	81.5	91.4	40.8	69.3	0.02	0.23	85.9	79.1	82.4	82.9	79.6	81.3
14	11.6	2.4	155.9	22.96	98.4	64.3	80.4	94.2	35.6	68.5	0.00	0.22	86.2	76.9	81.5	83.0	78.2	80.6
15	14.9	3.9	202.3	23.18	104.2	71.4	86.0	90.8	25.0	68.5	0.00	0.23	87.6	78.7	82.9	83.9	79.4	81.5
16	28.7	4.1	15.0	18.60	96.0	71.4	80.2	89.5	38.4	69.6	0.00	0.18	85.0	79.3	82.2	82.6	79.9	81.3
17	11.7	3.9	55.2	20.46	89.5	66.9	77.7	93.1	37.4	66.2	0.00	0.19	84.7	78.3	81.1	81.9	78.9	80.4
18	14.8	5.2	134.7	21.03	93.7	66.6	79.3	85.1	35.0	62.6	0.00	0.20	83.6	76.6	79.9	81.4	77.7	79.5
19	15.5	3.7	170.2	11.43	89.3	72.3	80.1	90.8	56.3	71.1	0.00	0.11	82.2	77.9	80.1	80.8	78.5	79.7
20	26.3	9.0	203.1	9.75	84.5	74.9	79.9	85.2	64.4	71.2	0.00	0.09	79.9	78.2	79.0	80.0	78.5	79.0
21	17.3	5.7	216.7	18.95	95.1	74.8	83.3	85.2	40.4	70.2	0.00	0.18	83.3	76.9	79.9	81.0	77.4	79.0
22	19.1	4.1	208.6	23.90	97.7	77.9	83.8	79.3	32.6	68.4	0.00	0.23	85.3	81.1	81.1	82.2	78.5	79.9
23	22.4	7.0	207.8	24.23	98.3	70.8	85.3	87.9	31.2	66.4	0.00	0.24	84.9	77.7	81.3	82.3	78.6	80.4
24	36.2	5.7	225.6	14.42	93.8	70.5	79.2	94.1	45.2	69.1	0.79	0.14	83.8	78.3	80.4	81.2	79.1	80.1
25	16.4	5.4	321.6	19.99	84.9	68.5	76.5	94.3	46.2	67.5	0.00	0.18	83.0	76.7	79.7	80.5	77.6	79.0
26	13.8	2.9	56.7	26.62	86.1	60.3	73.4	93.6	30.6	59.9	0.00	0.24	83.6	74.0	78.8	80.1	76.2	78.3
27	10.8	1.9	157.7	26.10	94.7	57.9	74.8	94.5	28.8	61.3	0.00	0.24	83.4	73.0	78.1	80.4	75.2	77.9
28	12.0	2.2	167.6	26.13	97.3	61.4	78.3	94.4	22.5	63.0	0.00	0.25	83.9	74.3	79.2	81.2	76.1	78.6
29	19.1	3.7	356.6	20.19	96.1	68.7	80.2	91.3	28.2	66.2	0.00	0.20	84.4	76.6	80.1	81.2	77.6	79.3
30	19.0	8.1	13.2	24.71	87.1	63.6	76.6	87.1	32.2	61.7	0.00	0.23	83.3	77.1	79.7	80.6	77.9	79.2
31	18.7	5.4	26.2	26.10	84.6	55.0	69.8	89.6	28.1	53.1	0.00	0.23	81.2	72.6	76.8	78.9	75.0	77.0
TOT				718.49							1.50	6.83						
AVG		4.2	203.3	23.18	94.1	68.1	80.3	91.1	36.1	67.1	0.22		84.5	77.1	80.6	81.7	77.9	79.8
MAX	38.4				104.2			95.0					87.6			83.9		
MIN						55.0			22.5					72.6			74.8	

Total Heating Degree Days : 0.0

Total Cooling Degree Days : 499.1

Total Hours of Wind > 8 mph : 77

Illinois Climate Network (ICN)
 September 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 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	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

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

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