

Illinois Climate Network (ICN)
 September 2010
 Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	19.0	5.9	204.7	19.08	88.8	71.9	77.8	96.2	53.7	69.4	0.00	0.16	83.4	77.7	80.4	81.2	77.2	79.2
2	23.2	7.5	210.7	9.75	83.1	71.8	77.0	97.1	64.7	69.5	0.62	0.10	81.0	77.3	79.5	80.0	77.7	78.6
3	21.8	7.6	302.2	23.05	76.2	57.9	68.7	98.7	37.5	56.6	0.04	0.20	79.0	74.7	77.3	78.0	75.4	76.8
4	18.1	4.4	308.1	25.29	74.6	50.9	62.5	99.1	34.6	50.3	0.00	0.19	76.1	71.2	73.6	76.0	71.7	74.0
5	14.2	3.6	186.9	24.34	81.7	47.6	64.5	100.0	34.0	52.3	0.00	0.19	76.3	69.1	72.6	75.8	70.3	73.2
6	23.3	7.4	192.0	24.10	87.3	52.6	72.7	97.7	33.5	55.6	0.00	0.26	77.0	70.3	73.6	76.2	71.0	73.7
7	19.0	5.6	251.7	19.55	87.2	64.3	76.2	90.3	42.4	63.0	0.00	0.18	79.6	73.3	76.2	78.2	73.2	75.6
8	10.2	2.0	338.7	18.13	82.4	59.7	69.3	97.1	38.4	59.4	0.00	0.12	79.2	74.0	76.4	77.8	74.1	76.0
9	17.4	4.1	115.9	4.65	73.3	62.3	66.1	98.8	57.6	61.3	0.76	0.03	76.0	72.1	74.7	76.4	71.9	74.5
10	22.6	5.2	116.4	3.86	68.4	63.0	65.6	100.0	94.8	64.9	0.49	0.01	73.6	71.2	72.4	72.3	70.8	71.5
11	19.0	5.0	306.0	10.43	78.8	60.1	70.4	100.0	69.9	67.1	0.01	0.07	76.4	72.9	74.3	74.3	71.7	72.8
12	11.6	2.1	333.6	23.55	82.8	51.8	66.6	100.0	33.8	56.7	0.00	0.16	75.9	69.6	72.8	75.1	69.9	72.6
13	11.7	2.7	232.9	23.08	85.6	54.8	69.1	100.0	39.6	59.6	0.00	0.17	76.9	69.6	73.1	75.5	70.6	73.1
14	9.8	2.0	218.7	15.17	83.8	58.2	70.1	100.0	43.9	62.8	0.00	0.10	76.9	71.2	74.0	75.4	71.7	73.6
15	26.7	3.9	218.6	17.04	87.4	58.0	73.4	100.0	44.5	64.6	0.04	0.14	77.4	71.7	74.7	76.1	71.9	74.0
16	18.5	5.6	279.1	16.55	81.2	59.1	70.2	98.7	58.8	64.5	0.18	0.12	78.1	73.8	75.6	76.1	73.5	74.8
17	11.4	1.9	119.8	21.75	80.7	52.2	65.1	100.0	46.2	58.4	0.00	0.14	76.6	70.7	73.6	75.4	71.2	73.5
18	9.4	1.9	214.5	21.54	87.8	52.2	69.4	100.0	40.7	60.8	0.00	0.15	77.2	69.6	73.3	75.7	70.7	73.3
19	10.4	2.7	326.5	9.63	81.1	63.1	70.6	100.0	62.1	66.3	0.00	0.06	76.3	72.5	74.3	74.8	72.6	73.8
20	12.2	2.0	204.1	20.58	90.2	60.8	74.1	100.0	42.7	65.6	0.00	0.14	78.8	71.9	75.1	76.9	71.9	74.3
21	17.1	5.3	207.3	19.93	92.2	64.7	79.1	98.9	36.8	65.1	0.00	0.19	79.3	73.5	76.3	77.6	73.4	75.5
22	17.6	4.7	231.8	12.59	86.3	65.2	76.0	98.9	56.2	66.5	0.00	0.11	78.9	74.6	76.5	76.8	74.3	75.6
23	25.3	7.5	200.3	19.61	90.5	63.3	78.7	99.3	39.1	64.6	0.00	0.22	79.0	73.7	76.3	77.2	73.5	75.4
24	19.6	6.8	251.3	13.43	79.6	57.0	72.9	97.2	58.6	63.4	0.00	0.13	78.1	73.9	76.1	76.3	74.2	75.2
25	14.4	2.9	0.3	18.30	76.2	49.7	63.7	100.0	38.6	53.0	0.00	0.13	75.4	69.7	72.7	74.5	70.9	72.9
26	18.3	6.8	5.0	11.64	63.9	51.3	57.0	94.1	63.4	51.4	0.06	0.08	72.3	68.6	70.5	73.2	69.8	71.3
27	17.9	4.7	330.6	20.26	68.8	45.0	56.2	96.2	47.4	47.7	0.00	0.14	70.9	65.4	68.1	70.7	67.2	69.1
28	13.5	2.6	272.6	19.04	75.0	45.7	58.6	100.0	40.1	49.8	0.00	0.13	71.9	64.1	67.8	70.8	66.2	68.6
29	10.6	1.7	53.8	20.16	77.7	43.0	59.7	100.0	30.2	49.0	0.00	0.13	72.2	64.1	68.1	71.1	66.1	68.7
30	25.6	6.4	341.9	19.64	79.1	47.4	63.7	100.0	32.6	50.7	0.00	0.19	71.9	64.9	68.3	70.7	66.5	68.7
TOT				525.76							2.20	4.12						
AVG		4.4	251.1	17.53	81.1	56.8	68.8	98.6	47.2	59.7		0.14	76.7	71.2	73.9	75.5	71.7	73.7
MAX	26.7				92.2			100.0					83.4			81.2		
MIN						43.0			30.2					64.1			66.1	

Total Heating Degree Days : 31.3

Total Cooling Degree Days : 149.4

Total Hours of Wind > 8 mph : 112

Illinois Climate Network (ICN)
 October 2010
 Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	19.2	3.7	12.1	20.52	74.1	42.0	57.1	99.2	27.8	43.7	0.00	0.16	70.6	63.8	67.1	69.7	65.8	67.9
2	21.9	5.9	357.8	9.13	64.8	43.3	52.9	100.0	52.1	45.7	0.00	0.08	66.1	62.8	64.5	68.1	64.8	65.9
3	21.2	5.9	2.9	19.17	61.2	35.5	48.3	97.1	35.4	36.9	0.00	0.15	65.4	59.8	62.5	65.4	62.1	63.9
4	15.8	2.9	7.0	19.93	63.4	30.6	46.2	99.7	25.7	34.0	0.00	0.20	65.2	57.6	61.2	64.9	60.4	62.8
5	13.7	2.2	336.1	19.54	68.8	32.8	49.5	95.8	24.3	36.2	0.00	0.13	66.1	57.0	61.3	65.0	59.9	62.5
6	14.3	3.0	276.0	19.27	75.7	37.4	56.4	97.8	26.5	42.8	0.00	0.15	67.4	57.8	62.4	65.7	60.4	63.0
7	15.3	3.4	316.1	18.74	81.0	46.9	64.1	93.5	25.7	48.6	0.00	0.15	70.2	61.6	65.4	67.8	62.6	65.0
8	9.1	1.6	273.3	19.17	83.2	40.8	59.7	97.5	20.1	45.2	0.00	0.13	70.4	60.7	65.3	68.1	62.6	65.4
9	10.4	1.5	258.5	17.93	87.8	45.1	64.5	100.0	30.1	52.5	0.00	0.13	71.7	61.6	66.5	69.0	63.2	66.1
10	13.0	2.1	248.1	16.93	87.2	51.0	67.3	99.6	26.7	54.1	0.00	0.13	72.8	63.9	68.2	70.0	64.8	67.4
11	21.3	3.3	205.4	14.88	86.6	52.6	69.1	93.9	24.4	52.3	0.00	0.14	72.8	65.2	69.0	70.3	65.8	68.1
12	20.6	4.1	205.7	14.38	81.6	52.3	66.7	99.0	39.6	55.4	0.00	0.12	73.4	66.1	69.6	70.7	66.5	68.7
13	20.8	5.6	326.8	9.12	69.8	52.2	61.8	93.6	45.3	52.4	0.00	0.08	71.0	66.3	68.9	69.7	67.2	68.3
14	19.2	4.5	280.8	17.87	71.3	36.6	55.5	99.4	16.6	36.2	0.00	0.16	69.0	61.4	65.3	67.5	63.5	65.7
15	19.6	5.7	326.1	17.82	70.1	39.7	57.1	94.6	23.3	37.6	0.00	0.17	68.3	61.5	64.5	66.6	63.0	64.8
16	14.3	3.4	210.5	17.64	74.4	34.5	55.0	98.7	22.8	38.6	0.00	0.15	67.7	58.5	63.0	65.9	61.0	63.6
17	13.7	4.4	254.6	15.16	82.9	50.8	65.9	95.0	34.3	47.2	0.00	0.15	69.7	61.4	65.1	67.2	62.4	64.6
18	14.3	3.1	296.7	14.90	82.4	49.0	64.5	97.5	29.7	50.4	0.00	0.12	70.8	62.5	66.4	68.0	63.4	65.6
19	15.0	3.8	21.6	11.69	66.4	43.8	56.6	96.2	26.5	38.7	0.00	0.10	68.0	63.7	65.6	66.8	64.1	65.4
20	20.3	4.7	244.1	16.30	74.5	36.2	57.0	100.0	22.2	38.0	0.00	0.16	67.4	59.4	63.6	65.6	61.4	63.8
21	20.8	4.8	315.2	16.72	69.9	38.3	55.3	84.7	17.9	34.1	0.00	0.16	66.8	60.0	63.1	64.9	61.5	63.4
22	17.0	4.5	175.6	15.34	76.9	35.7	57.8	93.8	18.5	34.7	0.00	0.16	66.2	57.7	61.9	64.4	59.8	62.2
23	27.0	9.6	189.0	10.36	81.5	62.5	70.7	70.9	23.9	40.6	0.00	0.23	68.1	62.5	65.0	65.8	62.5	64.0
24	31.1	12.0	194.9	8.97	77.8	65.8	70.2	99.0	38.6	58.2	0.00	0.14	69.8	64.7	67.2	67.2	64.0	65.5
25	32.8	12.7	185.4	9.53	74.4	62.5	68.6	98.9	63.5	62.3	0.00	0.11	70.1	66.6	68.5	67.9	65.6	66.8
26	45.3	12.0	220.4	11.54	75.9	48.2	64.2	97.5	32.3	49.7	0.62	0.17	69.5	63.6	67.6	67.8	64.7	66.9
27	29.2	9.9	231.8	11.51	73.2	48.6	62.0	87.5	14.9	35.3	0.00	0.21	64.5	60.2	62.5	64.8	61.0	62.7
28	19.0	6.3	318.5	15.01	55.2	31.8	46.8	100.0	33.9	31.5	0.00	0.13	62.0	56.8	59.7	62.7	58.9	60.4
29	10.4	1.9	320.8	15.75	59.6	27.3	40.7	100.0	22.5	29.0	0.00	0.08	59.3	53.0	56.0	59.0	55.1	57.2
30	23.6	8.0	217.7	15.03	66.5	29.0	52.5	94.9	25.5	31.5	0.00	0.19	58.5	52.1	55.4	58.0	54.0	56.2
31	15.5	5.2	45.5	14.40	65.9	37.2	53.4	91.2	36.6	36.1	0.00	0.13	60.1	54.2	57.2	59.1	55.3	57.3
TOT				474.24							0.62	4.45						
AVG		5.2	251.4	15.30	73.7	43.2	58.6	95.7	29.3	42.9		0.14	67.7	60.8	64.2	66.2	62.2	64.2
MAX	45.3				87.8			100.0					73.4			70.7		
MIN						27.3			14.9					52.1			54.0	

Total Heating Degree Days : 235.0

Total Cooling Degree Days : 31.9

Total Hours of Wind > 8 mph : 180

Illinois Climate Network (ICN)
November 2010
Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	15.9	7.1	70.3	12.29	62.1	44.9	52.7	75.6	33.7	30.9	0.00	0.14	59.8	55.3	57.5	59.1	56.2	57.7
2	15.2	6.3	43.7	9.97	58.7	39.1	49.6	90.0	32.1	30.3	0.00	0.11	58.6	54.6	56.7	58.2	55.6	57.0
3	17.8	3.7	326.6	11.29	64.9	41.3	50.9	76.3E	14.6	28.6	0.00	0.10	60.1	56.0	57.4	58.9	56.3E	57.3
4	30.3	11.3	329.3	10.30	55.6	43.3	49.3	70.0	35.5	31.0	0.00	0.16	57.4	54.2	55.8	57.3	55.2	56.3
5	22.5	8.1	330.8	13.80	47.3	24.8	39.2	88.3	33.7	26.9	0.04	0.11	55.6	50.5	53.9	56.1	53.2	55.0
6	10.8	1.8	79.1	14.12	50.8	21.0	34.6	93.7	26.8	21.1	0.00	0.07	53.3	47.1	50.1	53.5	49.9	51.9
7	22.4	8.0	208.3	13.53	62.9	27.8	49.2	87.4	21.4	23.4	0.00	0.17	54.3	47.7	50.9	54.0	49.9	51.9
8	23.4	7.1	212.4	13.70	70.8	43.5	57.8	57.6	26.0	31.7	0.00	0.17	57.5	50.6	53.9	56.2	51.8	53.9
9	16.0	5.4	197.5	13.19	75.1	45.5	60.1	80.4	30.4	40.2	0.00	0.14	60.1	52.9	56.3	58.2	53.8	55.9
10	19.5	6.0	179.4	11.02	74.6	40.0	59.0	88.6	41.3	44.2	0.00	0.12	60.0	53.3	56.7	58.3	54.3	56.3
11	11.8	2.4	179.5	9.75	76.9	43.2	59.5	91.7	35.2	45.2	0.00	0.07	61.8	55.6	58.5	59.7	55.9	57.8
12	19.5	4.8	170.1	12.59	77.3	35.5	57.7	97.1	21.7	38.5	0.00	0.15	60.8	54.0	57.5	59.1	55.1	57.3
13	19.9	8.3	242.6	6.38	63.4	34.8	52.6	93.5	41.9	42.2	0.17	0.08	59.7	54.4	57.9	58.5	56.2	57.7
14	14.0	3.8	222.4	13.03	54.4	28.0	41.4	97.0	29.7	29.7	0.00	0.08	55.3	49.9	52.7	56.3	52.0	53.9
15	12.0	3.5	161.4	8.68	55.0	30.7	42.4	92.5	37.8	31.3	0.00	0.06	53.8	49.1	51.2	53.7	50.9	52.4
16	18.7	5.8	292.2	2.01	47.4	29.8	41.0	94.7	52.2	34.1	0.00	0.03	50.6	48.8	49.7	52.2	50.2	50.9
17	11.2	3.5	183.4	9.50	56.9	39.8	45.6	97.3	57.9	41.3	0.04	0.05	54.0	48.3	51.0	53.1	49.5	51.2
18	12.8	4.1	356.1	2.83	45.8	39.8	42.3	95.4	72.6	38.2	0.06	0.01	52.2	50.7	51.5	52.6	51.4	52.0
19	21.0	7.8	199.5	10.89	53.3	39.5	45.4	90.5	58.6	38.6	0.00	0.08	53.7	49.9	51.4	53.1	50.7	51.8
20	15.1	5.5	181.0	9.14	54.4	38.5	45.2	97.6	69.4	42.1	0.00	0.05	53.9	48.9	51.2	53.1	50.1	51.6
21	29.7	10.9	205.2	3.07	67.3	43.2	57.8	97.9	71.2	53.3	0.00	0.04	56.7	50.4	53.4	54.9	51.1	52.7
22	34.5	16.7	209.0	4.78	69.7	58.4	66.9	93.0	68.8	58.1	0.46	0.13	61.0	56.4	59.0	58.8	54.6	56.8
23	20.7	7.6	7.7	11.31	58.8	36.5	43.3	93.3	51.9	35.1	0.07	0.07	60.9	51.7	56.2	58.9	53.3	56.3
24	24.9	7.4	122.6	1.13	66.3	35.4	45.7	97.4	74.9	43.9	1.38	0.00	52.4	46.3	49.2	53.6	48.5	50.3
25	30.6	10.9	303.4	0.68	67.9	29.6	47.8	96.0E	57.0E	43.4	2.06	0.02	57.4	49.1	53.6	55.0	50.9	53.0
26	17.5	6.0	253.7	11.95	43.2	23.6	34.2	85.0E	30.0E	20.9	0.00	0.08	49.4	45.4	47.0	51.2	47.3	48.6
27	16.4	4.0	285.3	11.51	48.5	26.3	35.7	92.0E	48.0E	26.4	0.00	0.06	47.7	43.4	45.4	47.8	45.5	46.8
28	17.4	6.5	152.0	11.58	53.6	26.3	41.0	91.4E	48.4E	31.7	0.00	0.08	47.4	42.6	44.9	47.4	44.6	46.1
29	25.0	10.1	160.2	1.89	56.0	41.4	48.7	96.3	64.1E	42.6	1.09	0.04	50.6	44.9	47.1	49.3	46.1	47.2
30	24.9	10.0	281.6	1.30	55.5	31.7	38.0	94.0	62.2	30.9	0.01	0.03	51.0	45.0	48.2	49.9	46.5	48.6
TOT				267.23							5.38	2.53						
AVG		6.8	224.5	8.91	59.8	36.1	47.8	89.7	45.0	35.9		0.08	55.6	50.2	52.9	54.9	51.6	53.2
MAX	34.5				77.3			97.9					61.8			59.7		
MIN						21.0			14.6					42.6			44.6	

Total Heating Degree Days : 511.2

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 259

Illinois Climate Network (ICN)
December 2010
Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	22.8	7.2	278.1	9.41	38.5	21.3	29.4	92.9	41.2	19.5	0.00	0.06	45.2	41.6	43.6	46.7	44.0	45.1
2	11.9	2.7	200.1	7.35	45.8	20.8	32.0	94.3	33.4	22.3	0.00	0.04	44.3	40.4	42.1	44.4	42.3	43.4
3	11.1	3.6	83.5	5.80	41.0	21.3	32.2	95.9	59.4	26.2	0.00	0.03	43.1	39.8	41.5	43.5	41.6	42.7
4	28.9	10.2	335.6	4.38	44.6	31.7	36.9	86.3	63.0	29.2	0.00	0.05	44.1	42.2	43.1	44.3	43.1	43.7
5	20.8	9.2	330.4	2.37	32.2	21.3	28.4	81.8	66.5	21.4	0.00	0.03	42.7	39.8	41.6	43.8	41.6	42.8
6	22.0	6.8	310.5	10.59	32.2	19.7	24.1	83.9	46.1	15.3	0.00	0.05	40.1	38.3	39.2	41.9	40.0	40.7
7	14.2	4.3	332.9	9.70	28.6	14.3	21.0	92.2	54.7	14.2	0.00	0.04	38.5	37.2	37.7	40.3	38.7	39.3
8	9.9	2.0	285.2	11.13	34.9	11.4	21.3	92.8	35.0	12.8	0.00	0.04	37.5	36.4	36.8	39.0	37.8	38.3
9	25.7	7.4	184.9	5.86	38.8	13.3	28.3	93.4	39.9	16.3	0.00	0.07	36.9	36.1	36.4	38.2	37.3	37.7
10	22.9	6.9	206.5	9.84	53.6	33.8	41.2	91.6	46.9	31.0	0.00	0.08	40.6	36.2	38.1	40.8	37.4	38.9
11	30.9	11.1	219.8	0.85	47.3	24.0	41.0	94.2	57.9	35.8	0.51	0.03	43.4	39.2	41.4	42.9	40.2	41.5
12	40.1	17.5	303.6	3.37	24.6	12.5	20.0	92.6	56.2	13.5	0.00	0.05	41.7	37.8	39.0	42.4	38.9	40.3
13	24.8	9.0	319.4	11.15	18.4	5.3	11.3	85.0	54.1	2.8	0.00	0.04	38.1	36.3	37.1	39.2	37.3	38.1
14	6.6	2.1	332.5	7.69	23.0	1.7	14.4	88.8	57.8	7.0	0.00	0.02	36.6	35.5	35.9	37.5	36.2	36.8
15	18.4	7.3	118.9	2.73	32.6	22.6	28.4	95.2	49.3	20.8	0.10	0.03	35.9	35.4	35.6	36.6	36.0	36.3
16	15.7	6.2	328.2	1.47	32.3	29.3	30.7	98.0	77.5	28.5	0.16	0.00	35.9	35.3	35.6	36.5	35.9	36.2
17	12.2	3.6	304.7	5.75	32.3	19.0	27.4	95.3	64.8	22.6	0.02	0.02	36.2	35.6	35.9	36.8	36.1	36.5
18	9.0	1.5	293.6	10.24	35.4	17.0	25.5	95.2	55.1	20.5	0.00	0.03	36.1	35.7	35.9	36.7	36.2	36.5
19	12.0	3.5	184.8	6.90	39.4	18.2	28.7	94.7	57.0	22.9	0.00	0.03	36.0	35.5	35.8	36.6	36.1	36.3
20	22.7	6.5	157.6	5.69	47.3	25.0	38.1	95.4	38.3	26.5	0.00	0.07	36.9	35.5	36.0	37.3	36.1	36.5
21	12.3	3.9	24.8	1.81	50.7	38.6	44.6	84.3	60.9	35.9	0.00	0.02	40.1	36.6	38.3	40.7	37.0	38.8
22	21.0	9.2	339.7	4.56	38.8	27.8	31.3	90.5	70.8	25.2	0.00	0.04	40.1	37.9	38.8	40.8	38.8	39.7
23	16.0	3.4	46.4	7.51	38.5	24.9	31.8	94.4	61.0	25.7	0.00	0.03	40.0	37.3	38.5	40.0	38.2	39.1
24	12.2	3.9	81.5	1.43	32.7	28.4	31.1	97.4	75.4	27.9	0.13	0.00	38.8	37.7	38.3	39.4	38.5	38.9
25	22.2	8.5	347.6	2.17	31.5	27.4	29.5	97.6	80.9	27.0	0.00	0.01	39.0	38.3	38.7	39.3	38.8	39.1
26	20.8	10.3	330.8	2.26	29.1	23.2	27.1	91.9	74.6	23.0	0.00	0.02	38.6	37.9	38.2	39.2	38.3	38.7
27	17.9	4.5	310.1	6.85	28.7	19.9	22.6	91.7	67.9	18.4	0.00	0.02	38.4	37.5	37.9	38.6	37.8	38.2
28	15.3	5.1	205.9	10.01	41.3	17.5	30.4	95.1	56.5	23.9	0.00	0.05	38.2	36.9	37.5	38.3	37.2	37.8
29	20.3	8.0	177.3	1.66	45.4	32.7	39.6	95.3	76.8	36.9	0.13	0.01	40.7	36.9	38.5	39.8	37.3	38.2
30	29.3	13.0	176.0	2.27	56.4	43.9	52.0	89.6	71.8	45.7	0.00	0.06	45.9	40.4	43.3	43.9	39.5	41.6
31	32.4	12.7	184.2	1.29	64.8	53.1	59.5	95.8	76.2	55.0	0.79	0.04	51.9	45.6	48.9	49.1	43.6	46.0
TOT				174.12							1.83	1.10						
AVG		6.8	282.2	5.62	38.1	23.3	31.0	92.4	58.9	24.3		0.04	40.0	37.8	38.9	40.5	38.6	39.5
MAX	40.1				64.8			98.0					51.9			49.1		
MIN						1.7			33.4					35.3			35.9	

Total Heating Degree Days : 1,064.2

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 274

Illinois Climate Network (ICN)
 January 2011
 Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	24.1	6.8	298.0	4.45	53.3	19.7	32.8	93.7	43.7	23.3	0.01	0.04	51.8	42.0	46.9	49.3	43.5	46.7
2	14.3	4.7	253.5	11.99	35.0	16.2	25.4	91.7	34.5	14.9	0.00	0.05	42.2	38.7	40.1	43.7	39.7	41.1
3	19.7	7.3	208.6	10.97	43.0	26.1	34.0	75.2	31.2	19.8	0.00	0.09	39.1	37.6	38.3	40.0	38.4	39.0
4	15.3	5.1	295.9	10.93	41.5	19.2	32.8	92.1	31.4	21.2	0.00	0.07	39.9	37.3	38.2	39.4	38.0	38.7
5	9.5	2.1	150.3	5.18	41.4	18.4	29.0	93.9	37.0	19.7	0.00	0.02	38.0	36.8	37.4	38.9	37.5	38.1
6	18.9	99.9M	99.9M	99.99M	40.0	21.5	99.9M	92.4	55.3	99.9M	0.00	99.99M	37.5	36.4	99.9M	38.0	37.0	99.9M
7	31.4	6.6	300.1	2.85	40.0	26.1	33.2	96.6	67.4	28.9	0.03	0.02	38.5	36.7	37.6	38.6	37.2	37.8
8	27.6	9.2	329.7	10.02	31.4	9.2	19.1	88.6	45.8	9.5	0.00	0.06	38.1	36.4	37.2	38.5	36.9	37.7
9	15.5	5.2	88.3	8.83	29.6	6.9	20.5	90.7	49.3	12.0	0.00	0.04	36.6	35.8	36.1	37.2	36.1	36.6
10	15.4	7.3	88.9	2.03	32.2	27.4	29.8	67.7	52.7	17.5	0.00	0.04	36.1	35.6	35.9	36.4	35.9	36.2
11	28.6	11.1	288.3	6.14	30.3	18.0	24.9	95.7	60.6	18.7	0.08	0.05	36.0	35.6	35.9	36.3	35.8	36.1
12	21.5	8.3	302.8	9.94	22.3	12.3	17.2	85.2	65.6	10.4	0.00	0.04	36.0	35.6	35.8	36.2	35.7	35.9
13	16.8	5.1	240.9	10.66	29.2	8.7	20.6	84.9	52.3	12.2	0.00	0.04	35.9	35.3	35.6	36.0	35.4	35.7
14	16.8	7.2	215.7	9.20	39.1	22.9	31.5	79.9	49.5	20.8	0.00	0.06	35.7	35.2	35.5	35.8	35.3	35.6
15	16.3	7.1	276.4	8.48	46.8	27.4	35.6	83.1	55.4	26.6	0.00	0.06	36.6	35.2	35.8	36.7	35.3	35.9
16	11.6	3.6	13.1	5.60	31.3	19.9	25.6	93.4	64.5	19.8	0.00	0.02	36.1	35.5	35.8	36.6	35.8	36.1
17	21.3	5.5	178.7	2.43	46.0	18.1	33.4	95.5	78.6	31.4	0.00	0.01	36.8	35.4	35.7	36.4	35.5	35.9
18	20.1	8.0	320.0	1.47	45.8	29.6	38.6	96.5	84.2	36.5	0.07	0.01	39.0	36.6	38.1	38.8	36.1	37.8
19	15.8	6.4	339.3	3.55	31.0	27.2	28.7	88.2	69.7	23.0	0.00	0.02	38.2	36.9	37.6	38.5	37.2	37.8
20	17.9	6.2	336.1	3.77	28.3	10.6	22.5	94.1	79.1	19.7	0.06	0.01	37.4	36.3	36.8	37.7	36.6	37.1
21	15.9	4.0	352.3	9.95	19.5	5.9	15.4	83.6	34.8	3.7	0.00	0.03	36.7	36.0	36.3	36.9	36.0	36.4
22	12.4	4.5	198.0	8.12	33.6	15.9	24.7	86.6	61.3	16.9	0.00	0.03	36.4	35.9	36.1	36.4	35.8	36.1
23	16.8	6.9	114.9	4.70	34.7	24.8	30.2	91.8	73.6	25.8	0.00	0.02	36.4	35.9	36.2	36.3	35.8	36.1
24	14.0	4.2	208.8	2.90	40.3	26.6	36.0	97.2	84.5	33.4	0.00	0.01	38.6	36.1	37.2	37.9	36.0	36.8
25	14.5	5.0	344.6	4.90	32.4	26.1	28.9	97.7	77.2	25.7	0.00	0.02	37.8	36.5	37.2	37.7	36.6	37.2
26	12.5	4.4	327.7	8.15	37.9	21.1	29.2	95.4	63.8	24.8	0.00	0.03	38.8	36.4	37.3	37.9	36.5	37.1
27	18.5	4.8	232.0	8.32	43.5	16.5	32.2	95.5	54.7	25.1	0.00	0.05	37.7	36.1	36.9	37.5	36.1	36.8
28	13.7	3.7	219.9	12.59	49.0	22.4	35.9	95.8	47.7	28.1	0.00	0.06	39.6	36.1	37.6	38.6	36.2	37.3
29	18.6	5.7	338.6	12.95	56.2	31.8	42.7	91.9	38.5	32.4	0.00	0.08	42.1	37.4	39.6	40.7	37.5	38.8
30	19.3	7.2	36.3	11.76	47.2	27.1	36.9	94.7	51.1	29.4	0.00	0.08	41.5	38.3	40.0	40.6	38.6	39.7
31	16.4	6.3	72.6	2.43	38.7	31.6	35.2	97.0	66.9	29.2	0.02	0.02	40.6	39.2	40.1	40.4	39.4	39.9
TOT				215.26							0.29	1.19						
AVG		7.8	299.6	9.36	50.9	27.6	38.4	122.0	76.6	28.7		0.05	51.8	49.4	48.9	51.7	49.7	49.0
MAX	31.4				56.2			97.7					51.8			49.3		
MIN						5.9			31.2					35.2			35.3	

Total Heating Degree Days : 1,112.0

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 197

Illinois Climate Network (ICN)
 February 2011
 Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	32.2	9.9	335.6	0.72	36.9	23.3	32.1	97.3	76.3	30.4	0.93	0.00	40.6	38.5	39.8	40.2	38.8	39.6
2	34.0	12.3	305.5	5.50	24.6	18.1	20.8	85.7	69.0	15.2	0.00	0.04	38.8	36.5	37.3	39.1	36.7	37.6
3	13.0	3.2	331.0	13.41	28.7	8.6	18.0	92.8	55.7	11.7	0.00	0.04	36.8	36.0	36.4	37.0	36.0	36.4
4	8.0	2.4	66.1	7.30	34.4	14.0	26.1	93.4	54.8	20.0	0.01	0.03	36.3	35.6	35.9	36.3	35.5	35.9
5	19.6	7.6	239.6	7.94	35.2	26.5	30.1	97.0	66.7	26.6	0.16	0.03	36.2	35.6	36.0	36.1	35.5	35.8
6	15.7	5.8	208.7	10.84	45.0	29.3	37.2	93.5	63.4	31.2	0.00	0.05	38.8	35.8	37.0	38.5	35.7	36.7
7	23.3	9.7	336.9	4.69	35.6	25.0	30.6	96.2	67.6	26.1	0.03	0.03	38.2	36.9	37.6	38.5	37.6	38.1
8	19.0	8.0	345.6	9.91	26.5	15.4	21.4	86.1	45.0	13.0	0.00	0.05	37.2	35.9	36.5	37.9	36.1	36.9
9	13.2	4.4	358.1	3.76	16.6	2.3	13.1	91.2	71.3	8.7	0.06	0.01	36.2	35.4	35.7	36.5	35.4	35.9
10	16.6	4.3	221.2	16.31	29.2	-3.4	13.4	88.0	36.5	4.7	0.00	0.06	35.7	35.0	35.3	35.7	34.9	35.3
11	22.6	8.6	215.5	15.62	37.0	14.8	26.6	70.5	37.8	13.8	0.00	0.10	35.4	34.7	35.0	35.3	34.6	35.0
12	18.6	8.0	233.9	13.38	52.6	28.2	39.4	75.7	39.3	27.0	0.00	0.11	35.1	34.7	34.9	35.0	34.6	34.8
13	28.9	12.2	214.0	14.85	58.6	36.9	48.3	70.8	38.2	32.4	0.00	0.18	37.8	34.7	35.8	37.4	34.6	35.4
14	22.0	6.8	317.6	15.36	52.8	28.6	44.7	93.0	46.3	31.6	0.00	0.12	42.0	36.7	39.1	40.6	37.1	38.5
15	21.1	6.4	156.6	13.59	55.8	27.1	43.8	95.1	33.9	29.8	0.00	0.12	42.3	37.4	39.8	41.2	37.9	39.5
16	26.8	11.6	204.0	13.59	70.0	51.4	60.4	77.1	40.5	46.4	0.00	0.18	48.5	41.2	44.7	45.7	40.7	42.7
17	38.5	17.2	210.2	7.34	63.4	56.9	61.1	82.2	60.4	51.8	0.00	0.15	51.0	47.1	49.1	48.4	45.3	46.5
18	19.4	7.0	332.0	11.47	64.5	33.6	55.3	88.8	20.5	37.5	0.00	0.13	52.4	48.2	50.8	49.7	48.0	48.7
19	16.8	5.7	89.8	2.65	50.7	32.2	45.6	86.1	29.4	25.6	0.00	0.06	48.5	46.1	46.7	48.3	45.6	46.4
20	32.5	10.4	201.2	12.02	69.7	48.7	60.0	70.8	26.8	42.3	0.00	0.17	52.2	45.7	48.6	49.4	45.2	46.8
21	28.1	11.6	260.6	2.55	64.5	38.6	53.2	94.1	70.6	47.7	0.16	0.05	52.6	49.8	51.6	50.3	49.1	49.7
22	20.3	6.8	343.3	17.13	40.1	24.8	32.6	89.3	53.4	23.7	0.00	0.09	49.9	44.9	47.4	49.3	45.9	47.2
23	13.0	5.1	152.4	4.16	48.6	23.1	36.9	93.1	57.9	29.0	0.00	0.03	45.1	42.4	43.8	46.1	43.2	44.2
24	23.6	6.8	34.7	2.41	48.6	38.6	43.2	95.8	62.1	40.0	1.53	0.01	46.3	44.5	45.5	45.5	44.2	44.9
25	30.8	7.7	354.0	2.96	38.8	34.3	36.2	93.7	68.1	30.7	0.00	0.02	45.4	43.0	43.9	45.1	43.2	44.0
26	17.1	4.0	184.7	6.98	45.1	33.7	39.1	95.3	65.7	33.9	0.00	0.04	45.7	42.4	44.0	44.8	42.7	43.6
27	30.6	7.8	190.8	3.89	70.8	29.6	52.3	97.9	70.4	48.7	0.00	0.04	51.3	42.0	45.6	47.5	42.6	44.4
28	31.7	9.6	347.8	6.73	69.9	26.3	42.2	95.9	61.9	37.5	0.92	0.05	52.1	44.9	49.2	48.8	45.9	47.8
TOT				247.07							3.82	1.97						
AVG		7.9	261.5	8.82	46.9	27.4	38.0	88.8	53.2	29.2		0.07	43.2	40.1	41.5	42.3	40.1	41.0
MAX	38.5				70.8			97.9					52.6			50.3		
MIN						-3.4			20.5					34.7			34.6	

Total Heating Degree Days : 779.6

Total Cooling Degree Days : 0.0

Total Hours of Wind > 8 mph : 299

Illinois Climate Network (ICN)
 March 2011
 Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	16.5	4.4	191.9	18.77	54.8	21.7	37.4	97.0	26.8	28.1	0.00	0.11	48.2	41.2	44.7	46.3	42.7	44.7
2	17.5	3.8	50.4	16.37	56.9	28.5	42.4	96.5	43.4	33.9	0.00	0.10	48.9	42.2	45.4	46.8	43.2	45.0
3	22.4	4.2	153.2	14.15	67.8	28.2	47.4	96.9	37.8	36.1	0.00	0.11	49.7	42.3	46.0	47.6	43.3	45.4
4	30.7	11.9	183.7	5.46	61.3	48.6	58.2	93.7	57.4	51.5	0.36	0.07	52.6	47.7	50.2	50.2	46.9	48.2
5	29.0	11.8	334.5	1.26	59.6	36.1	43.3	95.3	76.0	39.8	0.96	0.02	53.1	46.3	50.3	50.8	47.1	49.4
6	20.5	8.0	26.4	6.15	36.7	32.2	34.8	82.2	70.3	27.8	0.00	0.04	46.5	43.8	45.0	47.4	44.9	45.7
7	17.2	5.2	115.2	10.57	47.4	32.0	39.0	95.8	2.4	32.0	0.00	0.06	47.1	42.3	44.6	45.9	43.5	44.7
8	28.7	8.6	134.5	5.64	55.8	39.1	46.4	95.5	56.2	40.4	1.30	0.05	47.9	44.3	46.3	46.9	44.5	45.6
9	27.1	9.4	286.9	4.92	52.3	38.6	46.7	95.9	69.3	42.4	0.02	0.04	49.9	47.2	48.5	48.1	46.5	47.2
10	23.8	10.3	312.8	2.20	39.8	30.6	37.8	91.8	70.2	32.4	0.02	0.03	47.5	43.5	45.5	47.3	44.3	45.7
11	27.8	6.9	216.0	20.23	57.0	25.7	43.5	95.5	29.5	30.8	0.00	0.15	49.5	40.7	45.0	47.1	42.2	44.5
12	26.8	7.6	263.7	19.80	70.3	45.5	57.0	70.7	19.5	34.5	0.00	0.20	53.5	45.4	49.1	50.1	45.5	47.5
13	22.7	7.6	35.8	17.89	53.7	37.1	45.2	92.1	42.0	33.7	0.19	0.13	52.6	47.2	49.8	50.3	47.5	49.0
14	25.1	9.1	59.8	1.79	41.7	37.3	39.8	96.2	89.7	38.1	1.64	0.01	49.1	45.7	46.8	49.5	46.1	47.3
15	17.0	6.6	292.7	2.38	42.2	38.8	40.2	96.8	86.8	38.4	0.06	0.01	46.4	45.2	45.8	46.3	45.4	45.9
16	18.0	7.1	210.9	19.63	61.0	37.4	49.6	93.1	39.7	39.2	0.00	0.15	52.1	43.3	47.5	49.4	44.3	46.6
17	38.7	13.1	209.3	20.03	73.3	49.3	62.7	73.5	53.0	50.1	0.00	0.23	56.2	47.7	51.8	52.9	47.6	49.8
18	21.5	6.7	332.0	10.79	66.8	49.6	57.7	90.9	57.5	49.3	0.00	0.09	58.0	54.0	55.5	54.7	52.3	53.4
19	21.8	7.8	68.8	14.89	61.4	46.7	53.5	87.3	30.5	38.1	0.04	0.15	55.6	51.8	53.7	53.8	51.7	52.9
20	28.4	10.3	201.6	20.35	77.7	42.5	64.5	83.3	43.8	47.4	0.00	0.24	59.5	50.9	55.2	56.1	51.2	53.5
21	22.5	10.4	219.8	16.89	79.2	64.4	71.1	66.3	38.5	52.7	0.00	0.23	62.5	56.7	59.3	58.7	55.2	56.7
22	31.4	12.2	209.8	12.63	71.3	60.8	66.9	78.4	56.1	55.5	0.00	0.17	61.6	58.2	60.1	59.0	56.8	58.0
23	38.0	14.7	277.7	18.78	77.7	46.3	65.8	70.5	12.7	44.1	0.00	0.31	62.9	58.0	60.4	59.7	57.5	58.5
24	22.8	8.7	345.0	5.25	46.6	35.4	38.6	90.3	52.4	29.0	0.01	0.06	58.1	51.0	53.9	58.2	52.4	54.8
25	15.9	5.3	73.5	1.98	39.0	35.1	37.2	91.3	66.6	32.2	0.19	0.01	51.2	48.2	49.4	52.7	49.4	50.8
26	22.6	10.1	51.4	3.64	40.4	32.5	37.1	93.9	71.2	32.9	0.49	0.03	48.5	45.1	47.2	49.8	47.0	48.5
27	18.6	7.8	40.2	20.13	43.1	29.6	37.4	89.2	45.4	26.8	0.00	0.12	49.3	43.4	46.2	48.9	45.6	47.2
28	19.6	7.6	49.8	21.95	50.1	31.7	42.2	91.4	34.0	26.4	0.00	0.15	51.6	44.9	48.1	50.4	46.7	48.5
29	18.2	8.0	65.8	5.96	49.2	40.2	44.6	69.1	32.9	25.2	0.00	0.10	49.4	47.1	48.1	50.0	48.2	48.9
30	20.9	6.8	14.9	10.46	49.1	31.0	40.1	93.0	49.2	31.7	0.00	0.07	49.4	46.1	47.5	48.7	47.1	47.9
31	11.5	2.4	267.8	11.30	50.1	30.3	41.8	95.2	36.1	32.0	0.00	0.06	50.5	45.0	47.8	49.3	46.2	47.7
TOT				362.25							5.28	3.30						
AVG		8.2	300.0	11.69	55.9	38.1	47.4	88.7	48.3	37.2		0.11	52.2	47.0	49.5	50.7	47.5	49.0
MAX	38.7				79.2			97.0					62.9			59.7		
MIN						21.7			2.4					40.7			42.2	

Total Heating Degree Days : 564.9

Total Cooling Degree Days : 7.9

Total Hours of Wind > 8 mph : 385

Illinois Climate Network (ICN)
 April 2011
 Monthly Summary For Carbondale

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	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	24.4	5.9	283.1	17.51	59.0	28.4	45.8	96.6	38.4	34.3	0.00	0.14	52.6	45.7	49.0	50.4	46.8	48.5
2	26.1	7.1	279.8	23.16	68.3	40.0	55.1	73.6	22.4	33.1	0.00	0.22	55.0	46.9	50.8	52.5	47.8	49.9
3	46.5	19.0	200.1	22.01	79.4	54.1	68.6	63.2	38.6	50.8	0.00	0.37	58.9	50.4	54.5	55.8	50.6	52.7
4	52.4	13.1	272.9	2.28	75.5	42.2	54.7	92.2	62.0	47.4	0.51	0.07	59.5	52.9	57.1	56.6	53.5	55.6
5	24.0	9.8	241.6	24.54	59.8	35.6	48.8	69.6	23.0	28.7	0.00	0.22	55.9	49.4	52.5	54.3	50.8	52.7
6	36.9	16.2	213.0	24.08	68.8	50.3	60.5	57.0	32.3	38.6	0.00	0.35	57.2	51.0	53.9	55.2	51.7	53.4
7	20.4	6.8	192.5	16.57	72.5	49.8	64.5	78.6	45.7	50.9	0.00	0.15	59.8	53.4	56.6	57.3	53.4	55.2
8	18.8	6.8	208.6	19.06	81.9	58.3	71.9	87.8	50.0	61.3	0.00	0.17	65.0	57.7	61.1	61.0	56.4	58.4
9	23.7	9.2	212.6	21.17	85.3	69.5	77.0	86.4	40.8	63.3	0.03	0.23	69.4	62.4	65.5	64.6	60.0	61.9
10	36.8	16.5	212.9	19.03	82.0	72.1	77.3	74.9	49.5	62.3	0.00	0.30	68.6	64.7	66.7	65.0	62.4	63.7
11	25.2	6.6	264.9	2.74	77.4	57.2	62.9	95.7	61.6	58.2	1.16	0.03	67.4	63.2	65.4	64.6	62.2	63.5
12	21.0	7.1	342.1	25.49	65.1	43.5	56.0	91.2	38.0	43.9	0.00	0.19	64.4	59.8	62.0	62.8	60.0	61.5
13	11.5	2.6	50.9	25.21	71.8	39.5	57.3	96.3	32.6	43.3	0.00	0.17	65.1	57.5	61.2	63.0	58.5	60.8
14	17.0	6.0	117.4	22.95	74.9	43.8	61.7	93.2	29.4	44.0	0.00	0.21	65.2	58.8	61.9	63.0	59.3	61.3
15	43.2	11.5	163.3	11.61	100.0M	100.0M	59.8	100.0M	100.0M	50.2	0.97	0.13	63.5	59.5	61.5	62.2	59.9	60.9
16	30.2	10.9	266.7	5.89	100.0M	100.0M	49.2	100.0M	100.0M	40.4	0.00	0.08	59.8	54.2	56.7	60.2	55.5	57.7
17	30.5	11.1	216.4	23.74	100.0M	100.0M	56.9	100.0M	100.0M	40.2	0.00	0.25	59.3	52.4	55.7	58.2	54.0	56.0
18	19.5	10.2	202.7	18.94	100.0M	100.0M	65.4	100.0M	100.0M	53.0	0.02	0.20	63.2	58.0	59.8	61.1	57.1	58.6
19	79.5	16.2	212.3	10.90	100.0M	100.0M	72.0	100.0M	100.0M	62.9	0.34	0.19	67.0	62.4	64.7	63.6	60.6	62.0
20	16.1	8.4	341.7	12.49	52.9	100.0M	49.2	81.6	2.4	42.2	0.00	0.08	62.3	59.8	61.7	61.2	60.0	61.1
21	22.4	8.5	87.4	22.29	62.9	43.9	53.3	84.8	38.0	40.8	0.01	0.17	62.1	57.0	59.6	60.7	57.9	59.4
22	34.7	10.4	187.9	5.67	74.8	54.2	65.1	99.2	67.1	61.0	0.99	0.06	64.2	59.4	61.5	61.6	59.0	60.0
23	38.8	6.9	216.3	2.43	65.3	57.6	62.1	99.5	75.4	60.7	2.88	0.01	64.1	62.4	63.3	61.9	61.1	61.5
24	20.2	5.7	239.2	5.42	62.5	56.6	60.1	100.0	84.7	59.2	2.65	0.02	63.6	62.0	62.9	61.9	60.7	61.3
25	39.6	5.1	164.1	6.58	66.1	58.4	61.5	100.1	84.1	60.7	2.39	0.03	64.7	62.0	63.4	62.4	60.7	61.6
26	30.2	10.3	205.1	18.87	73.3	56.7	64.5	99.3	66.0	59.9	1.31	0.14	67.5	61.8	64.5	64.3	60.8	62.4
27	37.7	7.6	294.3	7.28	68.6	46.2	56.9	99.9	68.2	54.8	1.31	0.04	65.9	61.5	64.2	64.0	61.9	62.8
28	31.2	8.5	260.9	23.50	69.7	45.1	57.3	92.2	32.2	45.1	0.00	0.20	63.5	58.2	61.0	62.3	59.4	61.0
29	14.7	4.4	184.2	27.80	74.3	45.5	61.0	95.3	28.5	47.0	0.00	0.19	67.0	59.0	62.8	64.7	59.8	62.1
30	36.8	9.8	189.8	13.56	73.2	49.7	62.7	97.4	42.2	53.1	0.40	0.16	64.6	61.4	63.1	64.3	61.8	62.8
TOT				482.76							14.97	4.75						
AVG		30.9	220.4	53.64	70.6	49.9	60.6	88.2	46.1	165.7		0.53	209.6	191.7	200.5	202.3	191.5	196.7
MAX	79.5				85.3			100.1					69.4			65.0		
MIN						28.4			2.4					45.7			46.8	

Total Heating Degree Days : 138.4

Total Cooling Degree Days : 33.5

Total Hours of Wind > 8 mph : 401

Illinois Climate Network (ICN)
 May 2011
 Monthly Summary For Carbondale

DAY	MAX	AVG	DIR	TOTAL	MAX	MIN	AVG	MAX	MIN	AVG	TOTAL PRECIP	TOTAL EVAP	MAX	MIN	AVG	MAX	MIN	AVG
	WIND	WIND	AVG	SOLAR	AIR	AIR	AIR	REL	REL	DEW			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	°	MJ/M* ^M	°F	°F	°F	%	%	°F			°F	°F	°F	°F	°F	°F
3	21.1	7.8	332.6	24.21	63.1	41.8	52.5	81.8	31.2	40.0	0.00	0.19	61.4	58.6	57.8	61.4	58.6	57.8
4	15.2	3.9	359.2	27.87	59.5	33.9	47.4	101.1	40.4	38.3	0.00	0.16	62.0	55.1	58.5	61.1	57.5	59.5
5	17.2	5.2	198.3	26.61	66.4	35.6	53.3	101.0	47.4	44.8	0.00	0.18	63.9	55.5	59.5	62.0	57.1	59.5
6	14.1	5.2	242.7	26.99	69.7	49.0	59.1	99.3	35.9	49.8	0.03	0.18	67.0	59.1	62.8	64.9	59.4	61.8
7	24.8	8.2	206.3	18.76	71.7	54.6	63.0	97.4	64.2	56.4	0.24	0.14	67.0	61.2	64.0	64.8	61.1	63.0
8	12.4	3.4	203.6	27.64	84.9	55.5	71.7	99.6	37.3	61.0	0.00	0.20	72.0	63.1	67.3	68.8	62.4	65.3
9	29.8	8.6	176.0	18.01	82.4	61.2	74.5	99.2	61.2	67.1	0.00	0.17	72.5	67.3	69.9	69.6	66.1	67.7
10	23.9	8.8	204.1	21.70	84.8	70.3	77.7	90.2	50.7	68.0	0.00	0.20	75.0	69.1	71.9	71.4	67.2	69.1
11	20.3	6.1	210.4	25.00	86.1	67.4	77.3	95.9	52.8	68.5	0.00	0.20	77.0	70.3	73.4	73.5	68.7	70.9
12	17.3	6.2	211.9	21.77	85.0	67.6	75.8	94.7	45.0	65.0	0.00	0.19	76.8	71.9	74.0	73.7	70.3	72.0
13	32.8	6.8	239.3	14.84	76.0	59.2	65.7	97.9	57.5	60.1	0.26	0.11	74.4	70.4	72.2	72.8	69.7	71.2
14	24.5	10.6	300.9	3.98	62.5	49.8	54.9	96.9	81.8	52.2	0.39	0.03	71.5	64.3	67.5	71.2	65.6	67.9
15	20.1	9.5	307.8	5.45	56.0	45.8	51.5	96.5	78.0	48.6	0.09	0.04	64.7	61.6	63.1	65.8	62.9	64.1
16	22.9	8.2	353.6	24.43	61.7	42.2	51.7	97.4	40.3	42.9	0.01	0.17	64.4	59.5	61.7	65.1	61.2	63.0
17	22.6	5.1	344.6	19.99	60.6	37.4	50.4	99.7	43.1	42.3	0.00	0.13	62.7	58.9	61.1	64.0	60.5	62.6
18	15.2	3.6	277.3	27.13	72.1	45.0	60.4	98.9	45.7	51.0	0.02	0.17	67.7	59.8	63.5	66.8	61.1	63.6
19	11.9	4.8	129.1	7.23	68.6	57.7	63.4	97.5	63.2	57.7	0.01	0.05	67.2	64.8	66.0	66.5	64.6	65.4
20	17.0	6.0	153.4	21.29	82.4	60.8	72.6	91.4	50.9	61.9	0.00	0.18	71.5	64.8	68.0	68.9	64.3	66.3
21	20.7	7.1	207.7	22.42	80.7	64.2	72.4	97.2	56.9	65.0	0.02	0.18	73.7	68.4	70.7	70.9	67.1	68.8
22	37.8	12.0	208.3	23.63	80.8	63.5	75.0	93.9	49.2	64.6	0.20	0.25	73.3	69.9	71.7	71.3	68.3	69.9
23	49.1	9.5	209.8	16.73	79.9	61.4	67.8	98.6	70.7	63.7	0.54	0.13	73.6	69.2	71.2	71.1	68.1	69.8
24	19.0	5.8	184.7	24.99	81.3	61.0	71.6	97.0	56.8	65.1	0.02	0.18	76.4	68.6	72.2	73.0	68.1	70.3
25	50.3	10.8	189.9	14.61	82.2	61.8	73.4	99.1	66.1	67.5	0.95	0.15	76.0	71.8	73.6	73.2	70.8	71.8
26	24.9	8.8	280.5	6.18	64.0	53.2	58.5	98.6	80.8	56.0	0.02	0.04	72.5	67.0	69.6	71.8	67.5	69.3
27	15.6	4.6	193.6	16.33	66.2	53.7	58.7	96.8	66.2	53.4	0.01	0.10	70.9	65.3	67.8	68.9	66.0	67.4
28	25.5	6.0	178.5	19.45	84.6	54.8	70.0	98.5	52.0	63.0	0.00	0.16	73.6	66.6	69.7	70.8	66.5	68.2
29	30.3	10.9	192.7	28.79	88.0	71.2	79.5	81.0	46.9	66.5	0.00	0.30	76.4	70.0	73.1	73.0	68.6	70.7
30	22.2	8.7	188.9	28.59	88.9	73.3	81.0	82.4	43.9	67.8	0.00	0.28	78.4	72.5	75.3	75.2	70.9	72.9
31	18.7	4.8	209.3	24.02	89.4	68.4	79.9	97.3	46.5	69.7	0.00	0.20	80.4	74.0	77.2	77.2	72.4	74.5
TOT				588.64							2.81	4.65						
AVG		7.1	219.4	20.30	75.2	55.9	65.9	95.8	53.9	57.9		0.16	71.2	65.5	68.1	69.3	65.3	67.0
MAX	50.3				89.4			101.1					80.4			77.2		
MIN						33.9			31.2					55.1			57.1	

Total Heating Degree Days : 124.1

Total Cooling Degree Days : 139.5

Total Hours of Wind > 8 mph : 281

Illinois Climate Network (ICN)
 June 2011
 Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	12.9	2.8	102.8	26.08	88.2	65.6	76.2	98.4	38.4	64.7	0.00	0.19	82.2	74.3	77.8	77.6	73.3	75.4
2	12.2	3.7	133.4	20.84	88.1	64.0	77.1	95.6	49.4	67.2	0.00	0.16	81.0	75.0	78.0	77.8	73.8	75.7
3	13.3	4.5	189.8	24.18	92.0	70.5	82.6	91.3	51.0	72.1	0.00	0.19	83.5	76.3	79.7	80.1	74.4	76.8
4	13.7	3.6	263.9	28.56	95.8	71.1	83.6	96.4	29.1	70.6	0.00	0.23	85.4	77.8	81.6	81.3	76.3	78.6
5	18.3	3.3	358.6	26.32	90.5	68.1	79.3	97.7	39.9	69.0	0.00	0.21	84.0	78.0	81.0	81.4	76.9	78.9
6	12.3	3.1	199.7	27.16	91.2	67.6	79.7	98.1	44.1	70.5	0.00	0.20	86.1	77.8	81.6	82.2	76.5	79.2
7	14.5	5.4	190.2	27.77	94.0	70.4	83.8	90.6	35.6	69.0	0.00	0.25	86.1	78.4	82.0	82.1	77.2	79.5
8	15.6	6.0	207.9	25.70	92.9	76.4	83.9	80.9	45.8	70.5	0.00	0.23	86.0	78.8	82.2	81.8	77.6	79.7
9	15.8	5.4	203.2	26.51	90.9	77.1	82.0	78.5	45.4	70.2	0.00	0.22	86.4	82.2	82.4	82.2	79.2	80.0
10	16.7	4.6	230.8	26.26	90.9	71.8	82.1	92.0	48.2	71.4	0.00	0.21	86.4	79.4	82.8	82.6	77.8	80.3
11	19.6	5.1	93.0	16.08	85.9	67.5	74.9	95.2	62.2	68.6	0.24	0.11	84.4	78.6	81.5	81.6	77.8	79.7
12	14.7	4.6	16.7	21.88	82.9	66.2	73.4	92.6	43.2	63.5	0.00	0.16	83.0	76.9	79.8	80.7	76.8	78.7
13	12.8	4.1	99.4	15.16	79.8	64.4	71.6	83.3	56.1	61.6	0.00	0.11	80.8	75.4	77.8	78.9	75.6	77.0
14	36.6	7.9	111.0	7.92	76.7	63.4	68.3	96.9	69.0	63.9	0.91	0.06	77.2	72.4	74.6	76.8	73.1	74.3
15	21.0	6.0	246.1	24.85	87.5	61.1	75.0	95.6	34.0	64.5	0.03	0.21	80.9	72.9	76.6	78.1	72.2	75.0
16	41.6	4.5	197.2	21.02	86.0	58.3	73.6	98.3	33.7	63.8	0.10	0.17	79.8	72.8	76.5	77.3	72.6	75.1
17	26.2	8.2	173.9	16.64	79.3	64.1	73.1	96.9	69.1	67.2	0.02	0.14	78.0	74.3	76.5	76.4	73.5	75.1
18	39.3	8.4	179.0	15.12	80.3	65.0	73.5	97.6	70.5	69.0	0.97	0.11	78.3	73.1	75.8	75.8	72.6	74.4
19	41.0	6.5	178.8	23.19	84.7	65.9	76.3	96.6	52.1	70.0	0.76	0.17	80.6	74.2	77.4	78.5	73.2	75.5
20	22.5	9.9	194.6	23.23	87.2	77.0	82.3	89.0	55.9	72.3	0.00	0.23	82.2	77.4	79.6	79.1	75.8	77.3
21	23.4	10.4	190.4	17.46	86.3	71.5	79.3	92.4	66.9	72.1	0.06	0.17	82.2	78.0	79.7	78.8	76.2	77.5
22	22.9	8.3	234.0	27.52	82.9	71.8	76.8	89.4	42.9	64.6	0.00	0.24	81.4	77.0	79.0	78.8	75.4	77.2
23	27.3	7.7	283.9	30.69	82.5	62.9	73.3	93.6	39.8	60.3	0.00	0.28	80.3	75.2	77.7	78.2	74.7	76.5
24	18.4	5.2	287.2	26.86	81.6	60.5	70.4	96.7	42.0	60.8	0.00	0.21	79.8	73.5	76.6	77.6	73.5	75.6
25	15.9	6.4	136.1	17.47	82.1	63.3	72.9	97.6	68.4	68.1	0.84	0.13	78.9	72.8	76.4	76.9	72.9	75.1
26	24.9	7.4	144.4	16.59	83.5	65.4	73.1	98.5	73.4	69.3	3.84	0.11	79.7	73.5	76.5	76.8	73.0	74.8
27	27.1	5.4	229.1	11.47	84.1	67.1	74.7	96.7	69.5	70.0	0.55	0.08	79.0	75.3	77.0	76.7	74.1	75.3
28	12.2	3.5	357.6	22.22	84.6	61.8	74.2	98.5	44.9	66.0	0.00	0.16	81.6	76.0	78.1	77.9	74.7	76.1
29	9.6	2.1	122.4	30.61	85.2	57.9	72.6	99.1	33.6	61.8	0.00	0.21	82.3	74.4	78.1	79.0	74.1	76.5
30	12.5	3.2	177.8	29.71	86.4	60.8	74.8	98.6	43.0	65.7	0.00	0.22	83.1	75.3	79.0	80.0	75.1	77.4
TOT				675.07							8.32	5.37						
AVG		5.6	189.0	22.50	86.1	66.6	76.5	94.1	49.9	67.3		0.18	82.0	75.9	78.8	79.1	75.0	76.9
MAX	41.6				95.8			99.1					86.4			82.6		
MIN						57.9			29.1					72.4			72.2	

Total Heating Degree Days : 0.0

Total Cooling Degree Days : 341.1

Total Hours of Wind > 8 mph : 165

Illinois Climate Network (ICN)
 July 2011
 Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	12.2	2.5	213.3	27.09	90.7	64.5	77.5	97.3	44.6	69.0	0.00	0.19	84.6	76.5	80.3	80.8	76.0	78.4
2	10.3	2.6	216.1	28.42	92.7	66.2	80.4	97.5	47.6	71.3	0.00	0.21	85.9	78.1	81.8	82.7	77.2	79.7
3	30.5	5.4	178.3	19.05	92.2	68.9	77.4	96.5	48.2	71.3	0.16	0.15	85.5	79.9	81.9	82.0	78.5	80.4
4	15.4	3.6	173.8	22.17	85.7	69.2	75.6	95.8	60.0	70.1	0.12	0.15	83.7	78.2	80.7	81.2	77.6	79.3
5	8.4	1.8	139.3	20.94	88.3	68.8	78.3	98.4	57.5	71.9	0.02	0.14	84.1	78.9	81.6	82.2	78.2	80.0
6	15.0	2.3	247.5	23.88	90.8	68.7	78.6	98.4	50.3	72.1	0.00	0.16	85.3	79.2	82.2	82.8	78.4	80.6
7	20.4	3.2	203.0	19.86	88.1	68.1	77.9	98.4	57.0	72.0	1.35	0.14	85.3	79.6	82.2	82.3	79.0	80.8
8	15.1	4.7	353.0	14.77	86.0	68.8	75.1	98.1	58.9	70.6	0.00	0.10	82.1	79.2	80.6	80.8	78.1	79.3
9	13.2	3.0	144.3	27.27	88.0	65.5	77.6	98.8	51.3	70.3	0.00	0.20	84.6	77.6	81.0	81.6	77.0	79.3
10	13.5	4.4	180.1	26.05	93.2	67.5	82.6	98.6	62.5	75.7	0.00	0.20	86.1	78.9	82.4	83.4	78.0	80.4
11	14.3	5.7	242.2	26.96	96.9	80.8	89.0	92.3	51.8	78.0	0.00	0.23	88.6	82.1	85.2	85.0	80.5	82.4
12	40.8	5.0	199.3	27.00	96.6	71.5	85.2	97.4	40.3	76.0	3.48	0.21	91.3	82.9	86.0	86.6	81.9	83.7
13	13.0	3.5	62.9	22.67	89.3	71.3	79.1	96.6	53.9	72.8	0.00	0.15	87.5	81.0	84.0	84.3	80.2	82.2
14	14.0	4.8	78.2	24.90	88.5	71.7	79.8	89.0	59.2	71.6	0.00	0.19	86.7	82.0	84.3	84.1	80.7	82.5
15	12.9	3.3	80.6	26.81	87.9	69.1	79.0	98.1	53.2	70.2	0.00	0.20	86.8	81.3	83.8	83.9	80.0	82.2
16	9.9	2.1	153.6	24.33	90.4	67.6	79.3	98.3	53.8	72.4	0.00	0.16	87.0	80.6	83.7	84.7	80.0	82.1
17	13.4	3.6	198.8	24.47	89.4	73.0	80.5	97.3	57.3	73.5	0.00	0.18	87.5	81.8	84.3	84.0	80.8	82.5
18	11.8	3.0	238.5	26.93	93.4	70.8	81.6	97.7	50.4	73.5	0.00	0.19	87.6	81.3	84.5	84.6	80.8	82.5
19	12.4	4.1	240.3	28.01	92.9	73.0	84.0	96.3	53.3	74.8	0.00	0.21	88.5	82.3	85.1	86.0	81.2	83.1
20	14.6	4.5	228.9	27.59	93.9	76.3	85.1	91.5	49.4	74.8	0.00	0.22	89.1	83.2	85.7	85.4	81.9	83.6
21	11.0	3.6	221.7	28.13	97.9	77.5	86.7	88.4	42.1	75.1	0.00	0.21	89.8	83.3	86.2	86.0	82.0	84.0
22	13.2	5.2	190.2	26.45	93.2	76.7	84.9	89.0	54.1	75.9	0.00	0.21	88.9	84.0	86.4	85.7	82.5	84.3
23	14.4	5.1	190.8	25.18	91.9	77.5	84.4	92.6	54.0	75.8	0.00	0.20	88.6	84.0	86.2	85.2	82.6	84.0
24	26.5	4.9	211.4	19.03	92.8	73.1	80.2	96.9	58.0	75.0	0.53	0.14	88.1	83.2	84.9	84.8	82.0	83.4
25	10.9	2.6	3.6	27.06	90.7	72.7	80.0	98.0	53.1	73.4	0.00	0.19	87.5	82.1	84.4	84.6	80.9	82.8
26	8.7	2.3	173.5	26.66	91.7	70.5	81.8	98.2	53.5	74.4	0.00	0.19	88.3	81.6	84.8	85.0	80.8	83.0
27	15.4	3.9	196.2	26.35	92.6	70.2	82.1	98.1	51.4	74.4	0.00	0.20	87.7	81.8	84.8	85.0	81.1	82.9
28	17.3	4.6	203.5	27.15	93.9	70.5	83.3	97.8	47.0	73.5	0.00	0.22	87.4	81.3	84.3	84.4	80.6	82.5
29	14.7	5.0	212.3	25.84	91.4	73.2	82.8	97.1	56.1	75.5	0.00	0.20	87.9	82.2	84.7	84.7	81.0	82.7
30	35.0	3.4	229.7	16.37	91.8	72.3	78.0	97.8	57.7	74.5	0.69	0.11	86.4	82.0	83.9	84.1	81.4	82.4
31	8.6	1.6	2.5	25.53	94.4	71.9	81.8	98.2	51.3	75.3	0.00	0.17	87.5	81.2	84.0	84.6	80.2	82.3
TOT				762.92							6.35	5.61						
AVG		3.7	199.3	24.61	91.5	71.2	81.0	96.3	52.9	73.4		0.18	87.0	81.0	83.7	84.0	80.0	81.9
MAX	40.8				97.9			98.8					91.3			86.6		
MIN						64.5			40.3					76.5			76.0	

Total Heating Degree Days : 0.0

Total Cooling Degree Days : 507.4

Total Hours of Wind > 8 mph : 23

Illinois Climate Network (ICN)
August 2011
Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	9.5	2.2	159.5	27.17	94.2	73.1	83.2	98.0	39.0	74.9	0.00	0.19	88.1	82.4	85.1	85.5	81.5	83.4
2	14.9	5.1	206.9	27.88	93.8	68.0	83.1	98.1	38.0	70.9	0.00	0.24	87.0	81.6	84.3	84.4	81.0	82.8
3	17.1	6.4	293.8	24.93	94.6	80.7	87.4	83.5	57.6	76.4	0.00	0.22	87.6	81.9	84.8	84.8	81.1	82.9
4	16.1	4.4	65.6	20.43	88.4	74.3	80.4	93.8	48.7	70.2	0.00	0.16	85.7	81.8	83.7	83.8	81.2	82.5
5	25.8	3.3	173.9	12.70	88.1	72.5	77.2	97.4	63.5	73.2	0.18	0.08	86.0	81.6	83.1	83.1	80.6	81.5
6	29.8	6.4	179.2	17.61	90.0	73.1	81.5	97.8	73.0	77.4	0.10	0.13	85.4	81.0	83.2	82.5	79.8	81.1
7	20.7	5.7	234.5	24.34	94.7	72.2	83.8	94.1	53.1	76.1	0.03	0.19	87.5	81.8	84.5	84.3	80.2	82.0
8	17.8	5.1	238.1	15.73	83.5	68.2	75.7	97.0	58.6	69.3	0.02	0.12	86.0	80.9	82.9	83.7	79.9	81.3
9	11.7	3.9	284.7	27.45	89.6	68.8	78.7	95.7	47.4	69.3	0.00	0.20	84.8	79.0	81.7	82.1	77.9	80.1
10	14.8	3.6	343.5	20.76	85.7	64.7	75.7	97.0	50.7	67.1	0.00	0.15	83.7	79.6	81.5	81.4	78.9	80.2
11	14.1	2.4	72.2	23.72	83.6	62.9	72.2	98.2	44.2	63.1	0.00	0.16	82.3	77.1	79.6	80.3	77.2	78.9
12	24.8	3.2	185.7	24.40	87.4	58.3	72.4	98.6	41.0	63.6	0.26	0.17	82.2	75.3	78.8	80.3	75.8	78.1
13	22.5	3.6	264.1	21.54	85.3	65.7	74.8	98.1	55.2	69.0	0.06	0.15	82.4	77.2	79.6	80.2	76.5	78.3
14	19.7	5.8	338.6	23.84	81.1	60.3	70.6	97.4	47.9	62.5	0.00	0.18	80.5	76.4	78.3	79.6	76.3	77.8
15	10.5	2.2	317.4	17.41	77.4	56.3	67.1	98.8	53.3	60.5	0.00	0.11	77.8	73.2	75.7	77.9	74.3	75.8
16	10.5	2.0	181.5	21.36	83.3	54.6	70.5	99.0	46.3	62.7	0.00	0.14	79.0	71.8	75.5	77.4	72.8	75.1
17	12.8	3.0	179.4	20.73	88.1	66.3	77.2	97.0	54.2	69.8	0.00	0.15	81.4	75.7	78.4	79.1	75.1	76.9
18	22.9	2.9	194.6	18.41	91.5	68.4	76.4	98.0	47.7	71.2	0.54	0.13	82.3	77.2	79.4	79.6	76.4	78.0
19	30.6	3.9	212.9	19.30	86.3	68.7	76.1	97.6	55.9	70.3	0.06	0.14	82.2	77.3	79.5	79.5	76.1	77.9
20	19.5	3.0	222.1	12.59	87.5	67.0	75.9	98.2	61.3	70.9	0.09	0.08	81.5	77.3	79.2	78.7	76.5	77.6
21	11.0	2.9	281.7	21.63	90.0	70.8	78.6	97.9	52.0	72.6	0.00	0.15	83.5	78.2	80.7	80.4	76.8	78.6
22	8.4	2.1	88.3	17.22	86.8	67.6	76.0	97.8	53.0	69.6	0.00	0.11	82.6	78.2	80.3	80.0	77.3	78.7
23	16.9	5.5	184.1	23.48	90.5	66.8	79.6	96.1	52.3	69.7	0.00	0.20	82.8	77.7	80.1	80.1	76.7	78.4
24	26.0	8.9	219.3	22.90	91.7	77.3	83.1	85.5	40.1	71.0	0.00	0.24	83.0	79.2	81.0	80.5	78.0	79.1
25	14.9	4.7	350.5	25.69	86.5	62.4	76.4	97.1	31.9	62.4	0.00	0.22	82.2	78.1	79.8	80.4	78.5	78.9
26	14.9	2.9	350.9	25.26	87.1	58.7	72.1	98.6	42.5	63.6	0.00	0.18	81.0	74.9	77.9	79.8	75.7	77.9
27	16.5	3.0	327.8	24.60	88.6	60.1	74.3	98.6	46.4	65.0	0.00	0.19	81.0	74.7	77.8	79.8	75.4	77.7
28	19.0	4.2	355.3	25.21	85.0	60.6	72.7	97.9	32.0	59.2	0.00	0.21	79.8	74.8	77.3	79.2	75.6	77.5
29	11.5	2.6	28.4	25.06	85.7	56.2	69.8	98.1	26.0	57.1	0.00	0.18	79.7	73.6	76.5	78.7	74.8	76.9
30	15.6	3.9	155.7	23.61	88.8	56.0	73.2	98.4	30.3	60.3	0.00	0.20	80.1	72.8	76.4	78.6	74.2	76.5
31	22.0	6.3	197.5	21.16	92.9	67.5	81.3	87.5	35.2	64.3	0.00	0.22	81.7	75.7	78.4	79.3	75.7	77.4
TOT				678.15							1.35	5.21						
AVG		4.0	232.7	21.88	88.0	66.1	76.7	96.3	47.7	67.8		0.17	82.9	77.7	80.2	80.8	77.3	79.0
MAX	30.6				94.7			99.0					88.1			85.5		
MIN						54.6			26.0					71.8			72.8	

Total Heating Degree Days : 0.0

Total Cooling Degree Days : 372.9

Total Hours of Wind > 8 mph : 72

Illinois Climate Network (ICN)
 September 2011
 Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	18.1	5.0	206.1	23.10	96.6	68.0	82.5	93.8	30.8	66.8	0.00	0.22	83.2	76.7	79.8	80.6	76.4	78.5
2	12.5	2.7	219.2	22.82	97.7	65.8	80.8	95.7	33.1	67.7	0.00	0.18	84.6	76.9	80.4	82.0	76.8	79.1
3	15.0	2.1	235.4	20.57	97.7	68.3	81.4	97.5	32.2	69.8	0.00	0.16	84.9	78.1	81.2	82.4	77.9	80.0
4	19.4	5.5	349.1	5.00	76.4	66.0	71.7	92.6	57.6	64.6	0.02	0.05	81.5	76.6	79.1	80.9	76.8	78.7
5	29.3	10.0	21.0	16.33	72.7	56.7	64.3	83.9	39.4	51.3	0.00	0.18	76.8	72.8	74.8	77.2	73.7	75.1
6	23.9	7.6	2.3	24.38	73.0	51.5	59.7	87.5	35.3	46.8	0.00	0.21	75.0	71.1	72.2	74.6	72.1	72.9
7	23.6	6.0	342.9	24.40	75.4	48.3	60.3	95.3	27.3	48.0	0.00	0.20	74.2	68.3	71.0	73.6	70.0	71.9
8	19.4	5.4	339.8	21.19	77.1	48.5	62.7	95.3	33.7	50.9	0.00	0.17	74.8	67.4	70.8	73.5	69.3	71.3
9	13.2	3.5	273.3	5.03	68.8	59.2	63.1	98.3	74.8	58.8	0.01	0.03	73.1	70.3	71.6	72.5	70.5	71.4
10	15.2	2.6	259.3	12.97	75.7	59.0	65.7	98.4	60.0	61.7	0.00	0.08	74.9	70.4	72.5	73.2	70.1	71.6
11	10.5	1.7	326.5	17.21	81.7	57.9	67.8	98.8	45.3	60.9	0.00	0.11	76.8	70.8	73.6	74.7	70.7	72.6
12	13.6	3.4	208.7	22.54	86.9	54.7	71.6	98.8	37.4	59.8	0.00	0.18	77.8	70.1	73.9	76.0	70.7	73.2
13	19.8	8.0	221.7	21.85	93.7	69.1	79.7	77.5	26.7	61.2	0.00	0.24	79.4	72.6	75.7	76.8	72.5	74.6
14	24.9	6.7	18.8	2.54	74.5	55.3	63.5	96.6	61.9	59.5	0.96	0.02	76.4	69.5	73.1	75.8	70.5	73.4
15	21.6	7.6	23.1	22.44	65.3	46.9	55.9	92.6	34.4	42.2	0.00	0.18	69.8	66.3	68.2	70.9	67.7	69.1
16	12.1	3.7	70.8	18.65	69.3	52.1	58.9	93.7	33.6	44.9	0.00	0.13	70.5	66.1	68.1	69.9	66.8	68.3
17	9.1	2.0	160.7	8.11	69.9	53.9	61.3	95.5	46.5	53.7	0.03	0.05	70.6	67.2	68.9	69.6	67.4	68.4
18	18.3	4.9	168.3	6.74	75.3	57.5	66.5	97.5	68.7	64.1	1.23	0.04	71.8	68.2	70.0	70.6	67.8	69.1
19	16.7	4.7	267.4	8.50	72.5	55.6	66.8	97.7	74.3	63.6	0.01	0.05	72.6	70.2	71.3	71.2	69.2	70.2
20	8.8	2.1	154.8	13.65	78.8	53.8	65.4	98.8	59.1	61.2	0.00	0.08	73.5	68.7	71.0	71.7	68.3	70.0
21	17.6	3.8	271.1	20.07	79.1	54.6	67.2	98.7	42.5	60.5	0.00	0.14	74.2	70.0	71.9	72.5	69.4	71.0
22	11.0	2.8	329.1	3.24	63.9	52.1	57.5	98.2	71.1	54.9	0.11	0.01	71.2	67.9	69.5	71.3	67.9	69.4
23	16.4	3.0	233.4	16.42	69.3	43.9	57.6	99.2	51.9	52.6	0.09	0.10	70.0	65.6	68.0	69.2	66.0	67.7
24	8.7	2.5	87.1	5.46	64.5	52.8	58.2	98.6	72.1	56.2	0.64	0.02	68.8	66.7	67.6	68.6	66.4	67.3
25	16.3	5.1	43.7	0.49	57.0	51.7	55.2	98.7	95.0	54.6	3.42	-0.01	67.1	62.8	64.2	67.0	62.4	63.8
26	17.3	6.0	248.8	18.22	70.3	47.0	58.5	98.8	41.3	49.8	0.00	0.14	65.9	62.1	64.0	65.0	61.9	63.3
27	20.5	6.5	259.6	17.27	73.1	48.4	62.0	98.4	41.0	51.1	0.00	0.15	67.6	63.7	65.4	66.3	63.3	64.6
28	16.7	4.2	273.1	14.39	76.0	48.4	63.5	98.5	51.6	56.7	0.00	0.11	68.2	63.4	65.8	66.7	63.6	65.0
29	23.8	5.3	294.7	19.61	85.3	53.8	69.7	98.4	30.7	53.4	0.00	0.20	70.3	65.4	67.8	68.3	64.9	66.6
30	25.6	8.2	329.0	20.42	70.6	46.3	60.1	93.8	28.7	41.8	0.00	0.22	67.7	64.4	66.0	67.4	65.0	66.0
TOT				453.62							6.52	3.64						
AVG		4.8	208.0	15.12	76.3	54.9	65.3	95.6	47.9	56.3		0.12	73.8	69.0	71.2	72.7	69.2	70.8
MAX	29.3				97.7			99.2					84.9			82.4		
MIN						43.9			26.7					62.1			61.9	

Total Heating Degree Days : 79.2

Total Cooling Degree Days : 96.6

Total Hours of Wind > 8 mph : 134

Illinois Climate Network (ICN)
 October 2011
 Monthly Summary For Carbondale

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	TOTAL	TOTAL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	PRECIP	EVAP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F	IN	IN	°F	°F	°F	°F	°F	°F
1	19.5	4.3	359.2	20.06	63.6	38.4	50.4	98.7	37.6	41.0	0.00	0.14	64.9	61.4	63.4	65.5	62.9	64.1
2	14.0	2.4	346.0	20.20	68.0	35.1	49.8	100.3	25.3	40.4	0.00	0.12	64.1	59.5	61.7	64.1	61.1	62.6
3	12.8	1.8	298.7	19.48	74.9	38.6	55.3	99.8	24.6	44.2	0.00	0.13	64.8	58.9	61.9	64.2	60.5	62.4
4	10.2	1.2	195.4	19.14	80.4	42.4	59.4	99.0	27.2	47.8	0.00	0.12	66.1	60.0	63.0	64.9	61.1	63.0
5	10.9	1.6	165.8	18.73	82.3	43.9	61.4	98.9	30.8	50.6	0.00	0.13	67.0	61.1	63.9	65.7	62.0	63.8
6	12.9	3.5	167.9	18.36	83.0	47.2	64.2	99.0	36.0	54.5	0.00	0.14	67.9	62.1	65.0	66.6	62.9	64.6
7	17.6	4.5	176.0	18.22	82.3	52.4	67.0	97.6	37.5	56.4	0.00	0.15	68.8	63.8	66.1	67.2	63.9	65.4
8	16.4	4.6	163.8	17.57	79.9	51.8	64.9	98.5	45.3	56.4	0.00	0.14	68.9	64.2	66.4	67.1	64.3	65.7
9	14.6	2.9	142.1	17.60	79.4	47.0	61.9	99.0	34.4	52.0	0.00	0.14	68.3	63.5	65.9	66.9	64.1	65.5
10	14.4	2.5	180.2	14.44	79.3	47.2	62.0	98.9	48.1	55.5	0.00	0.10	68.5	63.0	65.7	66.9	63.7	65.2
11	7.0	1.2	191.5	10.68	80.7	54.8	65.2	98.5	44.4	58.2	0.00	0.06	69.2	65.0	66.9	67.6	64.8	66.0
12	23.1	4.7	214.6	9.61	74.7	54.2	65.4	98.3	63.7	61.2	0.52	0.06	69.6	65.5	67.4	67.7	65.2	66.4
13	23.2	7.6	284.5	8.96	72.3	57.4	62.5	96.7	46.5	54.4	0.07	0.09	68.3	65.5	67.1	67.8	65.5	66.3
14	24.5	8.8	284.7	17.15	73.0	51.4	61.7	71.9	25.1	39.8	0.00	0.22	66.2	63.3	64.6	66.0	63.4	64.5
15	20.9	6.5	265.0	17.46	70.8	41.8	57.3	84.5	28.2	39.4	0.00	0.17	64.2	60.8	62.6	64.4	61.7	62.9
16	23.5	8.6	234.6	16.25	84.1	57.2	68.4	66.2	32.7	47.2	0.00	0.22	66.3	61.0	63.5	65.0	61.5	63.1
17	16.9	4.3	34.7	11.72	66.6	45.9	57.1	92.3	32.4	40.6	0.00	0.10	64.8	62.1	63.4	64.8	62.5	63.6
18	18.3	6.6	353.9	2.00	51.6	43.9	46.5	97.2	55.8	43.4	0.78	0.01	62.4	58.9	60.3	63.7	60.0	61.6
19	27.9	11.8	315.4	3.04	47.5	43.1	45.3	93.7	71.4	41.0	0.22	0.03	59.4	56.7	57.9	60.6	57.4	58.9
20	26.5	9.9	289.0	16.06	56.2	36.8	46.3	96.0	43.4	36.1	0.00	0.14	58.2	55.5	56.6	58.3	56.5	57.3
21	16.8	4.0	288.8	16.38	61.4	34.6	46.2	98.8	30.9	35.1	0.00	0.11	57.7	53.9	55.7	57.7	55.1	56.6
22	13.4	3.2	201.6	15.10	70.0	33.4	51.5	99.8	37.7	41.9	0.00	0.11	59.1	53.5	56.1	58.4	55.1	56.6
23	18.1	5.4	207.8	7.59	70.1	47.1	59.0	93.8	44.1	48.3	0.00	0.08	59.9	56.4	58.0	59.2	56.6	57.8
24	18.2	5.4	273.2	15.74	73.9	44.2	59.1	92.3	25.8	46.9	0.00	0.13	61.2	58.0	59.4	60.5	57.8	59.0
25	30.3	10.9	208.7	14.83	77.4	44.5	64.5	96.7	27.6	47.5	0.01	0.23	61.7	57.6	59.5	60.5	58.0	59.2
26	21.9	8.2	253.1	5.71	68.6	48.8	60.2	97.0	49.4	52.2	0.60	0.07	62.5	60.2	61.1	61.4	59.6	60.4
27	17.7	5.8	350.6	5.90	53.3	37.6	47.1	98.6	60.0	42.5	0.00	0.04	61.3	57.0	59.1	61.1	58.2	59.6
28	14.5	2.8	18.0	11.09	55.8	34.4	44.9	99.3	41.2	37.9	0.00	0.06	58.4	55.9	57.3	58.9	57.2	58.0
29	16.3	3.1	285.7	14.94	61.2	30.9	44.4	100.2	23.1	32.8	0.00	0.10	57.3	53.7	55.4	57.8	55.1	56.3
30	26.6	8.6	209.8	13.45	63.1	36.3	52.2	94.8	30.3	33.3	0.00	0.17	56.9	53.7	55.3	57.0	54.6	55.7
31	21.9	5.2	268.5	14.77	63.6	36.4	48.9	93.2	26.0	34.0	0.00	0.13	56.9	53.7	55.2	56.5	54.5	55.5
TOT				432.23							2.21	3.64						
AVG		5.2	260.9	13.94	70.0	43.8	56.5	95.1	38.3	45.6		0.12	63.6	59.5	61.5	63.0	60.2	61.5
MAX	30.3				84.1			100.3					69.6			67.8		
MIN						30.9			23.1					53.5			54.5	

Total Heating Degree Days : 262.9

Total Cooling Degree Days : 11.6

Total Hours of Wind > 8 mph : 175

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

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