

Illinois Climate Network (ICN)
 November 2012
 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	4"	4"	4"	8"	8"	8"
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	IN	IN	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F			°F	°F	°F	°F	°F	°F
1	13.1	4.9	256.8	11.85	62.6	27.8	47.3	93.7	30.7	31.7	0.00	0.09	53.9	48.3	51.0	53.6	49.9	51.6
2	11.5	4.0	158.5	12.90	58.7	40.2	48.2	86.6	37.3	36.1	0.00	0.08	54.9	51.1	52.9	54.3	51.8	53.0
3	19.4	6.0	177.2	10.49	61.4	36.4	47.9	95.0	43.0	36.0	0.00	0.08	55.6	51.5	53.4	54.9	52.2	53.4
4	12.1	2.4	270.3	12.79	52.8	31.4	47.7	99.5	44.7	35.8	0.00	0.06	54.6	50.8	52.5	54.1	51.8	53.0
5	14.5	3.6	128.9	2.60	45.5	35.5	47.6	96.9	64.9	35.7	0.08	0.02	52.5	51.1	51.8	53.0	51.7	52.2
6	12.1	2.9	262.6	5.66	49.3	34.3	43.6	98.5	62.3	39.4	0.02	0.03	53.7	50.7	52.2	53.1	51.2	52.2
7	21.6	5.3	297.0	3.74	49.0	31.6	43.9	97.2	65.6	38.7	0.02	0.03	53.1	50.9	52.1	53.3	51.6	52.2
8	12.9	3.1	212.2	13.29	56.9	27.0	41.5	99.9	47.8	34.8	0.00	0.07	52.9	48.0	50.6	52.3	49.4	51.0
9	28.5	11.2	201.3	11.96	69.4	44.6	58.0	74.2	47.1	44.6	0.00	0.12	55.3	49.6	52.3	54.2	50.2	51.8
10	31.5	13.3	198.8	12.73	71.8	55.3	62.9	73.2	48.4	47.8	0.00	0.15	58.2	53.6	55.7	56.0	53.0	54.4
11	37.5	14.5	212.4	5.36	69.5	49.5	62.2	97.2	56.2	51.4	1.04	0.11	59.0	56.1	57.6	57.3	55.0	56.0
12	27.0	7.7	289.1	13.18	49.8	26.8	37.8	97.7	33.6	29.1	0.50	0.06	57.8	51.0	54.3	56.8	52.2	54.3
13	13.4	2.0	191.8	13.46	48.1	23.7	34.4	98.9	33.6	25.5	0.00	0.06	51.6	48.0	49.8	52.6	49.2	50.5
14	10.4	1.9	188.4	8.72	47.2	24.7	33.2	98.7	41.0	26.8	0.00	0.04	49.7	46.8	48.2	50.5	47.9	48.9
15	9.6	1.4	259.7	11.09	50.3	22.4	34.2	99.4	44.2	28.6	0.00	0.05	49.0	44.5	46.8	48.7	46.2	47.5
16	10.4	1.9	183.4	12.50	55.7	25.2	38.4	99.2	30.3	29.2	0.00	0.06	49.6	45.2	47.2	49.0	46.3	47.5
17	12.7	2.1	185.3	12.72	58.5	22.9	37.8	99.5	29.2	29.1	0.00	0.06	48.7	44.2	46.5	48.2	45.4	47.0
18	10.9	1.9	212.8	12.34	62.8	24.2	41.3	99.7	28.7	31.6	0.00	0.07	49.4	44.2	46.7	48.6	45.4	47.0
19	17.3	3.5	209.2	7.25	63.9	31.3	48.8	98.9	31.7	35.8	0.00	0.07	50.2	45.6	48.0	49.3	46.3	47.7
20	16.5	4.2	271.3	10.95	67.2	41.9	55.3	97.3	50.4	44.5	0.00	0.08	54.0	49.3	51.3	52.1	48.7	50.1
21	6.0	1.2	206.9	9.27	63.5	34.4	45.2	99.8	53.5	41.7	0.00	0.05	53.4	49.2	51.2	51.8	49.0	50.6
22	24.1	8.4	212.1	10.51	65.4	32.4	52.4	100.2	45.3	43.9	0.03	0.09	53.3	48.4	51.0	51.8	48.7	50.3
23	27.1	10.5	315.7	9.70	56.1	30.5	44.3	93.1	42.6	31.8	0.04	0.07	53.5	48.8	51.6	52.4	49.5	51.2
24	13.2	4.4	273.3	9.87	38.3	22.0	30.2	87.2	45.1	20.0	0.00	0.04	48.8	45.0	46.7	49.8	46.4	47.6
25	21.9	7.1	218.2	11.29	54.7	31.2	41.4	96.8	35.9	28.2	0.00	0.07	48.4	44.4	46.1	47.9	45.2	46.4
26	20.4	5.6	128.6	5.88	51.4	27.1	38.2	99.6	52.7	31.7	0.06	0.04	48.0	44.6	46.2	47.3	45.3	46.4
27	14.3	4.1	301.9	11.37	41.3	21.6	30.5	98.5	50.3	24.1	0.00	0.04	46.7	43.3	44.8	47.4	44.5	45.7
28	7.3	1.2	237.2	11.49	52.5	20.1	33.1	99.1	33.2	24.5	0.00	0.05	45.7	41.0	43.1	45.2	42.6	44.0
29	25.2	7.9	194.3	10.94	57.9	24.1	43.0	97.8	27.0	27.2	0.00	0.09	45.8	41.2	43.5	45.2	42.5	43.9
30	21.0	9.3	212.1	10.06	61.3	43.8	52.2	76.8	44.2	37.7	0.00	0.09	48.3	43.8	46.1	47.8	44.1	45.5
TOT				305.96							1.78	2.01						
AVG		5.2	222.2	10.2	56.4	31.5	44.1	95.0	43.3	34.1		0.1	51.8	47.7	49.7	51.3	48.4	49.8
MAX	37.5				71.8			100.2					59.0			57.3		
MIN						20.1			27.0					41.0			42.5	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)

December 2012

Monthly Summary For Carbondale

DAY	MAX	AVG	DIR	TOTAL	MAX	MIN	AVG	MAX	MIN	AVG	TOTAL PRECIP IN	TOTAL EVAP IN	MAX	MIN	AVG	MAX	MIN	AVG
	WIND SPEED MPH	WIND SPEED MPH	AVG WIND o	SOLAR RAD MJ/M*M	AIR TEMP oF	AIR TEMP oF	AIR TEMP oF	REL HUM %	REL HUM %	DEW POINT oF			4" SOIL TEMP oF	4" SOIL TEMP oF	4" SOIL TEMP oF	8" SOIL TEMP oF	8" SOIL TEMP oF	8" SOIL TEMP oF
1	25.5	10.6	195.0	7.69	65.9	52.2	59.7	77.0	55.3	47.9	0.00	0.10	52.2	47.7	50.0	50.5	46.8	48.4
2	29.8	12.3	211.6	2.08	65.7	61.5	63.4	90.2	59.2	56.5	0.04	0.06	55.7	51.8	53.9	53.3	50.1	51.7
3	29.1	11.2	204.6	5.41	68.1	61.5	63.4	89.6	61.4	57.0	0.02	0.07	58.2	55.1	56.7	55.8	52.6	54.3
4	26.3	7.1	291.7	1.47	66.2	35.3	63.5	98.2	67.1	57.4	0.33	0.03	57.7	54.2	56.9	55.7	53.9	55.2
5	12.2	2.5	173.2	11.03	58.2	30.1	63.5	100.3	40.0	57.8	0.00	0.05	54.4	50.5	52.2	54.4	50.7	52.0
6	11.8	2.8	177.1	4.11	57.0	30.0	45.3	99.6	52.5	40.5	0.01	0.03	52.4	48.5	50.5	51.5	48.8	50.1
7	14.9	3.8	210.2	4.16	62.5	51.7	56.4	98.7	66.1	52.3	0.02	0.03	55.5	51.7	53.8	53.6	50.6	52.2
8	13.5	5.3	184.9	1.67	56.5	47.1	50.0	97.2	85.9	47.9	0.02	0.01	55.2	53.3	54.5	53.8	52.4	53.2
9	21.6	6.4	231.6	1.48	60.7	44.4	52.0	98.1	81.7	50.4	1.24	0.01	56.2	52.9	54.5	54.4	52.1	53.1
10	21.3	9.9	328.5	2.80	44.7	29.5	32.6	85.5	65.0	26.2	0.00	0.03	54.9	47.2	50.7	54.0	48.2	51.0
11	14.1	3.8	238.3	11.25	39.9	20.1	29.9	96.4	44.8	22.1	0.00	0.04	47.8	44.3	46.0	48.8	45.7	46.9
12	10.8	2.4	206.1	11.17	49.8	24.0	33.1	95.8	32.2	24.1	0.00	0.05	45.7	43.2	43.8	45.5	43.7	44.7
13	15.7	5.3	185.6	11.13	52.3	20.0	37.6	98.5	31.5	24.8	0.00	0.06	45.0	40.9	42.9	44.8	42.4	43.6
14	19.7	6.2	193.6	7.92	53.9	27.4	45.0	96.4	33.2	29.8	0.00	0.07	45.5	41.4	43.6	45.0	42.4	43.7
15	32.7	13.2	199.0	1.74	59.6	46.0	53.7	94.1	58.6	49.3	0.23	0.03	50.4	44.9	47.5	48.5	44.6	46.2
16	13.7	3.0	252.3	4.10	58.9	37.0	50.3	99.0	57.8	45.6	0.01	0.03	51.3	48.8	50.1	50.1	48.0	48.8
17	15.6	4.9	288.4	1.24	44.9	40.3	42.8	98.7	83.8	41.5	0.03	0.01	49.9	48.4	49.2	49.2	47.8	48.4
18	27.6	8.0	221.0	10.11	55.4	27.4	44.3	99.4	49.0	37.0	0.00	0.06	49.4	46.2	48.0	48.6	46.3	47.5
19	26.3	7.2	115.5	5.49	60.4	31.8	46.3	98.9	57.4	39.0	0.03	0.05	49.3	45.7	47.6	48.2	45.9	47.0
20	49.2	20.0	245.7	2.07	62.8	29.6	44.9	95.5	54.6	35.3	0.34	0.06	51.5	45.5	49.3	49.9	46.3	48.5
21	33.3	13.5	302.7	10.77	40.4	24.9	31.9	66.3	29.0	14.8	0.00	0.07	45.7	41.4	43.1	46.9	42.6	44.1
22	18.0	5.3	206.4	11.02	47.5	17.5	33.7	94.7	28.5	19.0	0.00	0.06	42.1	39.2	40.8	42.9	40.4	41.8
23	16.6	6.1	216.2	9.63	61.1	43.0	50.3	87.5	40.6	36.8	0.00	0.08	46.7	41.0	43.7	45.7	41.5	43.0
24	20.9	7.5	301.1	8.00	50.3	25.9	38.0	97.2	70.4	33.2	0.00	0.03	47.1	44.2	46.3	46.3	44.7	45.6
25	31.4	11.7	64.1	3.50	35.9	25.6	30.8	87.5	65.4	25.0	0.01	0.03	44.4	41.9	42.8	45.0	42.4	43.4
26	29.4	13.4	278.8	2.72	32.8	28.6	30.4	100.7	74.9	27.8	0.41	0.01	42.4	41.3	41.7	42.7	41.4	42.0
27	9.3	3.1	216.6	5.55	33.7	26.3	29.7	90.5	65.8	24.0	0.00	0.02	42.2	41.1	41.7	42.2	41.2	41.6
28	12.0	3.4	176.8	4.02	38.5	25.4	32.1	100.2	70.6	29.4	0.37	0.02	41.8	40.8	41.3	41.7	40.8	41.3
29	23.2	7.7	289.9	1.23	32.1	10.9	26.8	100.5	79.6	25.6	0.15	0.00	41.3	40.4	40.9	41.5	40.4	40.9
30	15.3	4.1	207.5	7.80	34.5	6.9	23.9	97.3	64.6	19.1	0.02	0.03	41.0	40.1	40.5	41.3	40.1	40.6
31	16.9	6.0	220.0	2.64	36.1	32.5	34.3	99.5	67.8	29.9	0.16	0.02	40.6	39.9	40.3	40.8	39.8	40.4

TOT				175.01							3.43	1.27						
AVG		7.3	220.5	5.6	51.2	32.7	43.2	94.5	57.9	36.4		0.04	48.8	45.6	47.2	48.1	45.6	46.8
MAX	49.2				68.1			100.7					58.2			55.8		
MIN						6.9			28.5					39.2			39.8	

KEY: M = missing data
E = estimated data

Illinois Climate Network (ICN)
 January 2013
 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			°F	°F	°F	°F	°F	°F
1	15.8	6.9	301.8	2.39	33.1	19.9	27.3	100.1	71.8	24.3	0.00	0.01	40.7	39.7	40.1	40.5	39.6	40.0
2	7.3	1.4	279.4	10.60	33.2	7.7	20.0	95.9	41.9	12.9	0.00	0.03	40.6	39.0	39.6	40.3	38.7	39.4
3	8.3	1.9	262.5	11.68	43.3	11.4	19.8	98.8	49.9	12.9	0.00	0.03	39.5	38.2	38.8	39.3	38.0	38.6
4	14.2	2.0	252.1	9.57	43.1	13.4	19.7	99.0	46.9	12.9	0.00	0.04	39.2	37.8	38.4	38.7	37.5	38.0
5	18.3	6.2	210.9	4.73	41.1	21.5	19.6	96.8	61.8	12.9	0.00	0.03	39.3	37.9	38.5	38.2	37.4	37.8
6	21.3	6.4	264.0	7.63	39.2	19.4	32.8	98.3	62.1	26.9	0.00	0.03	39.3	38.3	38.9	38.8	37.6	38.1
7	16.1	3.8	201.0	12.25	41.5	15.2	27.3	98.4	50.4	21.8	0.00	0.04	39.0	37.3	37.9	38.6	36.7	37.5
8	14.9	4.1	206.8	10.47	49.6	20.0	37.3	97.9	46.7	28.8	0.00	0.05	37.9	36.9	37.4	37.7	36.5	37.1
9	12.3	3.8	162.3	8.07	57.4	39.2	47.2	99.0	57.2	41.7	0.14	0.05	43.3	37.5	40.2	41.7	37.4	39.4
10	31.3	8.0	116.0	1.45	63.9	42.3	51.1	98.5	71.3	48.3	0.48	0.02	47.8	41.9	43.8	44.5	40.8	42.1
11	23.6	9.5	209.9	9.49	61.9	53.0	57.2	90.7	63.5	50.2	0.02	0.07	51.3	47.6	49.3	47.9	44.4	46.5
12	35.0	7.7	223.0	2.58	63.9	35.9	55.6	97.8	71.7	52.9	2.08	0.03	52.9	48.8	50.7	49.9	46.6	48.1
13	23.8	10.1	339.8	1.39	36.1	21.6	29.2	99.6	77.0	27.0	0.69	0.01	51.2	41.6	45.7	49.5	42.8	45.9
14	15.6	5.8	207.5	5.67	27.1	18.4	22.1	95.4	70.2	17.2	0.00	0.02	42.0	38.3	39.6	43.2	39.3	40.8
15	18.8	5.9	73.4	5.06	29.1	19.4	25.0	93.8	73.5	20.3	0.03	0.02	38.8	37.0	37.7	39.6	37.6	38.5
16	13.9	4.4	275.3	7.27	38.0	26.6	30.7	85.8	38.5	22.2	0.00	0.03	38.0	36.7	37.3	38.2	37.2	37.6
17	23.6	6.2	307.5	8.24	40.7	23.4	32.7	94.7	60.8	26.1	0.00	0.04	38.5	36.4	37.4	38.1	36.8	37.5
18	27.3	7.6	224.9	12.70	46.1	18.8	34.1	97.7	43.4	24.7	0.00	0.07	38.3	36.4	37.3	38.2	36.8	37.5
19	32.7	13.8	219.0	11.86	54.8	38.3	46.1	74.1	48.5	33.1	0.00	0.10	42.2	37.5	39.7	40.9	37.6	38.9
20	17.8	6.4	197.5	11.94	44.9	25.5	34.7	91.4	32.5	20.9	0.00	0.06	41.9	39.1	40.5	40.9	39.4	40.3
21	26.8	8.8	330.1	12.30	30.6	17.9	24.5	76.1	34.3	10.2	0.00	0.05	39.6	37.1	38.0	40.2	37.6	38.5
22	11.2	3.6	123.0	5.09	22.1	14.6	18.9	73.4	33.8	0.5	0.00	0.03	37.5	35.7	36.5	38.1	36.2	37.0
23	15.1	3.2	227.5	12.24	45.0	12.1	26.9	94.5	37.7	16.3	0.00	0.05	36.3	35.4	35.8	36.7	35.7	36.2
24	17.1	10.0	93.0	10.65	30.0	26.8	25.9	53.0	35.0	10.7	0.00	0.05	36.1	35.3	35.7	36.2	35.4	35.9
25	17.8	4.5	253.1	9.20	41.2	25.8	31.3	94.1	35.2	19.0	0.00	0.05	36.2	35.1	35.7	36.3	35.2	35.7
26	10.1	3.5	139.6	11.15	41.0	22.6	31.3	91.1	34.6	20.2	0.00	0.05	36.4	35.2	35.8	36.5	35.4	35.9
27	22.9	6.7	156.8	1.63	53.2	20.0	36.1	96.6	67.2	33.2	0.33	0.01	38.5	35.2	36.1	37.2	35.5	36.1
28	29.3	13.8	206.4	2.95	65.0	53.0	59.8	93.7	76.4	55.7	0.11	0.04	48.3	37.9	43.8	45.0	36.7	41.0
29	39.3	16.7	194.7	4.06	70.1	52.4	63.7	97.1	59.5	57.4	1.58	0.07	53.8	48.0	51.2	50.0	44.8	47.4
30	38.5	14.2	244.1	3.14	55.2	29.5	43.4	97.9	58.4	38.0	0.28	0.04	53.6	45.2	50.6	50.1	45.7	48.8
31	32.2	13.2	285.2	8.13	39.7	16.6	29.4	99.7	48.3	18.9	0.02	0.06	45.7	40.6	42.9	46.3	41.7	43.2

TOT				235.57							5.75	1.26						
AVG		7.1	219.0	7.6	44.6	25.2	34.2	92.6	53.5	26.4		0.04	42.1	38.9	40.3	41.2	38.7	39.9
MAX	39.3				70.1			100.1					53.8			50.1		
MIN						7.7			32.5					35.1			35.2	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
 February 2013
 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	4"	4"	4"	8"	8"	8"
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	IN	IN	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	MPH	MPH	°	MJ/M*M	°F	°F	°F	%	%	°F			°F	°F	°F	°F	°F	°F
1	23.7	6.8	262.0	13.82	26.9	10.3	19.0	67.7	38.4	5.8	0.00	0.05	41.0	37.4	38.5	42.0	38.0	39.6
2	22.0	8.3	253.5	9.21	45.8	24.6	34.2	88.3	38.2	21.4	0.00	0.06	38.6	36.8	37.5	38.9	37.3	37.8
3	26.8	7.3	227.9	11.04	37.5	24.3	34.5	99.9	46.7	22.1	0.02	0.04	39.9	37.3	38.4	39.0	37.5	38.2
4	28.7	9.4	227.8	4.17	46.3	28.4	34.7	95.7	48.9	22.8	0.03	0.04	40.7	37.1	38.6	39.5	37.4	38.3
5	16.3	3.9	266.0	13.44	55.8	22.9	35.0	99.6	42.2	23.5	0.00	0.06	42.9	37.5	39.9	41.2	37.7	39.2
6	12.4	3.7	138.1	14.22	53.1	23.6	39.1	99.3	37.1	29.2	0.00	0.07	43.3	38.2	40.8	45.6	38.5	41.3
7	23.8	6.2	241.2	12.07	64.7	26.4	47.1	97.9	46.0	39.9	0.24	0.08	47.0	39.5	43.1	48.5	43.7	45.5
8	28.2	10.2	232.8	3.95	44.4	32.0	36.8	92.1	68.7	31.1	0.00	0.03	47.1	42.5	44.4	48.8	46.2	47.4
9	15.3	5.7	137.2	11.26	46.6	30.9	37.3	89.9	47.4	28.4	0.05	0.06	45.0	40.9	42.9	47.4	44.3	45.9
10	29.2	10.1	180.5	2.22	56.8	38.1	49.4	95.3	49.7	44.3	0.50	0.03	47.7	43.2	44.9	49.8	46.4	47.5
11	30.4	9.3	269.8	15.60	54.7	27.5	43.1	91.5	30.7	27.2	0.00	0.10	47.4	43.6	45.6	50.1	47.8	49.0
12	10.0	2.6	150.3	9.65	47.4	23.7	37.3	97.9	47.3	28.9	0.00	0.05	44.9	40.6	43.0	48.8	41.6	45.4
13	17.6	6.9	261.6	12.80	50.7	34.7	41.3	97.5	40.6	34.2	0.17	0.07	47.0	42.5	44.5	49.9	46.5	47.8
14	19.4	7.8	269.8	14.28	59.1	36.7	46.4	93.6	32.5	33.3	0.01	0.10	47.8	42.6	45.0	50.8	47.0	48.7
15	21.5	6.5	319.9	14.36	43.1	22.8	36.0	90.7	34.3	23.8	0.00	0.07	46.2	42.5	44.8	50.1	48.0	49.1
16	17.9	5.5	305.9	16.66	36.1	18.0	27.0	94.2	27.1	15.2	0.00	0.06	42.8	39.8	41.1	48.4	42.4	44.8
17	22.3	6.2	188.1	13.35	46.7	16.2	33.4	95.3	33.4	19.9	0.00	0.08	42.5	37.8	40.0	46.1	43.2	44.8
18	37.3	16.8	211.9	5.63	55.7	39.1	48.1	95.3	52.9	40.1	0.92	0.06	45.9	40.1	42.9	49.3	44.9	46.7
19	28.2	12.5	300.5	17.28	41.1	25.0	33.7	80.5	28.1	18.5	0.00	0.08	45.7	40.4	42.5	49.4	45.8	47.5
20	14.2	5.6	198.5	8.08	28.3	21.0	24.7	76.0	54.3	14.2	0.00	0.04	40.7	37.6	38.8	46.6	43.5	44.6
21	25.6	7.0	59.5	1.76	33.9	22.8	27.8	98.7	66.1	23.6	0.53	0.01	38.0	36.5	37.2	43.9	42.3	43.0
22	20.0	6.1	221.1	9.03	39.5	24.8	33.8	99.5	70.9	30.4	0.33	0.03	38.9	36.4	37.4	43.7	42.0	42.7
23	12.4	2.7	286.7	17.70	39.7	20.8	29.4	98.3	37.7	22.7	0.00	0.06	40.7	36.3	38.2	47.9	42.4	44.6
24	12.9	3.8	142.0	18.17	49.0	19.4	34.5	98.1	39.0	24.7	0.00	0.08	42.0	36.8	39.1	49.7	45.4	47.2
25	28.2	10.2	90.0	13.98	51.5	26.3	41.2	97.2	41.2	28.4	0.11	0.10	42.8	37.9	40.4	51.0	46.8	48.7
26	25.5	10.1	189.4	5.96	49.8	36.2	41.8	97.9	67.8	38.4	0.54	0.04	44.9	41.5	43.1	53.5	50.4	51.7
27	22.8	11.4	278.7	4.77	38.1	31.8	35.7	95.6	69.7	30.2	0.08	0.03	42.7	40.8	42.1	41.0	39.7	46.2
28	19.1	8.5	303.3	3.88	38.2	31.5	33.9	98.3	71.7	29.2	0.03	0.03	41.4	39.5	40.4	40.2	38.1	38.9
TOT				298.33							3.54	1.60						
AVG		7.5	221.9	10.7	45.7	26.4	36.3	93.6	46.7	26.8		0.06	43.4	39.4	41.2	46.5	43.0	44.7
MAX	37.3				64.7			99.9					47.8			53.5		
MIN						10.3			27.1					36.3			37.3	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
 March 2013
 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	4"	4"	4"	8"	8"	8"
	SPEED	SPEED	WIND	RAD	TEMP	TEMP	TEMP	HUM	HUM	POINT	IN	IN	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	MPH	MPH	°	MJ/M*°M	°F	°F	°F	%	%	°F			°F	°F	°F	°F	°F	°F
1	15.9	7.1	319.9	5.64	35.1	29.6	32.0	99.7	86.5	30.9	0.14	0.02	41.0	39.2	40.0	39.3	37.7	38.4
2	19.5	9.1	334.0	5.91	32.4	27.0	29.7	94.9	52.5	23.1	0.01	0.03	39.9	37.7	38.7	38.7	36.9	37.5
3	10.6	2.9	256.9	17.58	41.0	18.3	29.6	94.9	27.0	22.7	0.00	0.07	41.5	36.6	38.8	38.5	35.7	36.9
4	28.5	8.5	140.7	8.18	53.3	36.1	29.4	67.5	38.7	22.3	0.00	0.08	43.4	39.4	41.5	40.9	37.4	38.9
5	38.4	11.6	293.9	3.26	48.2	31.9	29.1	99.7	55.6	22.0	0.15	0.03	43.6	39.5	41.7	41.2	38.4	40.0
6	30.3	11.2	315.4	9.40	39.2	25.7	34.0	94.5	57.3	24.4	0.00	0.06	41.3	38.1	39.7	39.0	36.8	38.0
7	13.9	3.1	151.5	18.84	45.9	21.8	33.4	98.6	45.2	25.7	0.00	0.08	44.2	37.6	40.6	40.7	36.6	38.4
8	15.4	4.9	113.1	19.17	54.0	22.5	39.7	98.5	36.5	28.5	0.00	0.09	45.7	38.6	42.0	42.1	37.3	39.3
9	27.7	9.7	154.8	13.53	66.7	38.8	53.8	73.7	28.9	31.7	0.00	0.15	48.3	42.5	45.1	44.8	40.1	42.0
10	43.1	12.8	193.4	4.83	65.0	48.5	56.5	97.2	38.0	45.8	0.45	0.09	50.9	46.8	48.6	47.2	44.0	45.6
11	21.6	8.0	277.1	3.35	48.7	33.5	39.1	97.3	69.3	33.9	0.02	0.03	49.4	44.7	47.1	47.3	43.3	45.2
12	24.3	8.2	287.1	17.87	50.9	28.0	38.9	89.2	31.5	25.3	0.00	0.10	47.0	41.9	44.4	44.1	40.6	42.3
13	25.4	9.4	310.6	20.10	41.7	22.9	33.5	91.1	36.2	20.2	0.00	0.08	45.4	41.3	43.3	43.4	39.8	41.4
14	22.3	4.9	190.4	6.44	46.4	20.9	34.0	97.1	45.8	25.2	0.01	0.04	42.8	39.3	41.3	41.1	38.3	39.6
15	22.8	5.4	225.8	16.96	75.2	27.2	53.9	98.5	27.2	40.2	0.00	0.15	49.7	39.5	44.4	46.2	38.2	41.3
16	23.1	10.7	185.2	8.73	65.9	37.2	51.9	92.8	52.6	42.3	0.12	0.08	51.0	48.1	49.7	47.9	45.5	46.8
17	28.9	9.4	59.5	2.46	40.5	33.9	37.2	98.3	92.3	36.4	2.72	0.01	48.2	44.3	45.6	46.7	42.7	44.1
18	20.2	7.1	263.4	7.51	48.2	34.2	42.1	98.8	59.6	38.2	0.41	0.04	47.4	44.1	45.6	45.0	42.4	43.5
19	18.5	5.3	305.6	18.83	48.1	27.4	38.4	89.2	23.3	21.7	0.00	0.09	46.9	41.7	44.4	44.2	40.6	42.5
20	24.1	7.4	311.1	17.01	38.1	20.8	31.6	96.1	42.1	22.0	0.00	0.06	45.0	41.4	43.0	43.3	40.0	41.5
21	14.3	4.6	180.7	21.95	39.1	17.9	29.2	93.3	33.9	16.4	0.00	0.08	44.4	38.7	41.4	41.4	37.9	39.7
22	10.5	5.3	86.0	5.33	41.6	32.2	36.9	66.0	43.3	22.5	0.00	0.05	43.6	41.0	42.3	41.3	39.2	40.2
23	18.5	6.4	69.4	15.32	54.2	37.6	45.0	92.7	38.4	30.1	0.08	0.10	48.0	41.8	44.6	44.9	40.0	42.0
24	29.3	12.0	204.4	1.94	43.2	31.1	35.9	99.7	81.4	34.2	0.27	0.01	47.0	41.7	44.5	44.6	40.6	42.8
25	27.0	13.0	302.4	8.42	36.1	30.2	32.7	99.9	68.6	28.5	0.01	0.04	42.1	40.2	41.2	41.0	39.2	40.0
26	17.5	6.8	307.7	12.22	42.9	24.4	34.2	95.5	46.5	25.3	0.00	0.06	43.7	39.5	41.3	41.3	38.2	39.6
27	12.8	2.3	234.3	22.34	49.4	21.0	36.6	98.6	32.0	25.2	0.00	0.10	45.8	38.4	42.0	42.7	37.7	40.0
28	13.2	4.7	116.5	15.94	57.4	36.1	46.4	81.3	35.6	31.9	0.01	0.10	49.5	42.7	45.8	45.8	40.8	43.0
29	11.3	2.8	132.0	6.34	54.5	34.7	46.4	99.3	71.2	42.3	0.09	0.04	50.6	46.4	48.1	47.3	44.0	45.5
30	15.3	3.6	170.5	8.83	52.9	35.2	46.0	99.5	71.1	43.7	0.40	0.04	50.6	46.4	48.6	47.9	44.2	46.1
31	16.2	4.3	273.5	18.08	66.6	45.1	55.0	98.2	40.4	47.1	0.00	0.12	57.0	49.2	52.2	52.3	46.8	48.9

TOT				362.31							4.88	2.12						
AVG		7.2	218.3	11.7	49.1	30.1	39.1	93.3	48.7	30.0		0.07	46.3	41.6	43.8	43.6	40.0	41.6
MAX	43.1				75.2			99.9					57.0			52.3		
MIN						17.9			23.3					36.6				35.7

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
 April 2013
 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			°F	°F	°F	°F	°F	°F
1	28.3	8.0	217.3	21.88	51.5	30.9	44.3	87.4	32.5	28.5	0.00	0.12	53.6	49.1	51.5	51.4	47.3	49.3
2	12.4	3.4	202.7	20.54	47.8	25.6	37.0	94.4	23.0	21.5	0.00	0.10	51.3	45.9	48.6	48.7	44.6	46.8
3	22.4	5.5	123.7	20.43	52.0	24.4	36.9	96.8	27.6	21.4	0.00	0.12	49.9	44.8	47.4	47.4	43.5	45.5
4	13.2	3.2	169.3	21.00	59.9	28.2	36.9	93.2	21.1	21.4	0.00	0.12	51.2	44.6	47.8	48.4	43.2	45.7
5	16.8	3.8	221.5	24.05	67.2	29.6	36.9	96.6	29.4	21.4	0.00	0.16	53.9	45.3	49.4	50.4	43.9	47.0
6	34.7	12.0	189.0	20.85	71.9	42.8	60.8	82.0	24.1	38.3	0.00	0.22	56.0	49.4	52.4	52.5	47.2	49.6
7	27.0	10.5	208.2	21.27	74.6	59.6	66.4	74.0	47.1	51.6	0.00	0.19	60.4	53.0	56.4	56.6	50.5	53.1
8	29.5	11.0	195.8	14.17	75.0	59.8	66.6	82.0	48.8	54.7	0.00	0.14	61.8	56.7	59.1	58.1	53.9	55.8
9	29.6	11.1	181.6	17.31	80.4	61.7	71.1	78.8	47.9	59.6	0.00	0.17	64.6	58.2	61.3	60.5	55.5	57.8
10	31.7	13.0	200.5	12.92	83.4	63.7	74.7	95.9	47.6	63.8	0.66	0.16	66.8	62.1	64.3	63.0	58.8	60.8
11	36.5	8.6	281.6	3.56	66.2	38.4	51.2	97.2	63.5	47.3	0.23	0.03	65.8	57.6	62.0	63.1	56.4	59.7
12	23.2	6.9	271.4	22.24	55.7	33.4	43.6	97.7	37.2	33.0	0.00	0.11	58.1	54.1	56.0	57.2	52.5	54.2
13	17.0	4.3	229.5	25.86	65.1	30.6	48.3	98.3	32.9	36.0	0.00	0.15	58.8	51.5	55.0	56.5	50.2	53.0
14	32.8	11.4	174.8	21.44	75.1	42.0	62.4	91.7	33.2	45.1	0.00	0.20	61.2	54.1	57.4	57.8	52.3	54.8
15	23.2	8.7	189.5	13.83	76.8	58.3	67.1	82.4	54.2	56.1	0.00	0.13	63.2	57.8	60.3	60.0	55.1	57.3
16	16.4	6.3	217.2	9.91	68.9	53.0	58.8	96.3	69.6	54.0	0.00	0.07	62.5	60.0	61.3	59.9	57.5	58.7
17	29.2	8.8	137.9	18.86	84.3	53.6	69.5	97.6	48.5	61.3	0.04	0.17	66.8	59.4	62.9	63.2	57.3	59.9
18	46.6	15.7	233.5	4.89	76.3	42.2	65.0	96.8	59.7	57.7	2.14	0.09	66.3	61.2	65.0	63.1	60.1	62.3
19	26.1	10.3	274.3	11.73	52.8	33.5	43.1	95.7	31.9	29.4	0.00	0.09	61.3	55.1	57.6	60.1	54.1	56.0
20	14.2	4.1	176.0	27.26	58.0	30.4	45.8	98.7	33.6	31.8	0.00	0.15	58.7	52.1	55.1	57.0	50.7	53.7
21	16.9	6.0	102.3	26.00	63.5	38.8	51.3	89.0	32.0	34.3	0.00	0.16	59.5	53.5	56.4	57.9	52.3	54.9
22	19.4	4.9	177.7	26.11	72.1	34.6	56.1	98.2	31.0	42.0	0.00	0.18	62.1	53.9	57.7	59.0	52.8	55.8
23	32.3	10.5	212.3	7.37	70.3	42.6	58.4	93.2	62.9	50.9	0.02	0.08	61.2	57.7	59.3	58.4	55.7	57.1
24	23.5	7.1	292.1	15.35	52.5	32.9	42.7	98.1	41.1	35.7	0.38	0.07	59.4	54.7	56.6	57.7	53.2	54.9
25	21.4	4.6	190.1	27.52	62.8	32.0	49.0	99.1	34.6	36.8	0.00	0.15	59.7	52.1	55.8	56.7	50.7	53.7
26	16.5	4.5	160.0	5.95	54.3	42.0	50.5	96.7	56.8	43.9	0.22	0.04	57.6	55.1	56.2	55.8	53.2	54.2
27	14.3	4.7	138.9	3.03	56.4	49.2	53.1	98.2	92.0	52.2	0.21	0.02	57.2	55.3	56.3	55.0	53.1	54.1
28	15.0	4.9	259.5	5.73	60.0	53.0	55.6	98.1	72.9	52.5	0.00	0.04	59.0	56.3	57.4	56.7	54.2	55.1
29	19.3	6.6	189.7	26.60	73.1	44.4	60.9	98.2	54.8	53.9	0.00	0.17	64.3	55.8	59.8	60.5	53.8	56.9
30	19.8	7.2	191.2	27.06	81.2	58.5	69.5	92.7	39.4	55.7	0.00	0.22	67.8	59.8	63.5	63.8	57.6	60.4

TOT				524.72							3.89	3.82						
AVG		7.6	200.3	17.5	66.3	42.3	54.4	93.2	44.4	43.1		0.13	60.0	54.2	57.0	57.2	52.4	54.6
MAX	46.6				84.3			99.1					67.8			63.8		
MIN						24.4			21.1					44.6			43.2	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
 May 2013
 Monthly Summary For Carbondale

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR AVG WIND °	TOTAL SOLAR RAD MJ/M*M	MAX AIR TEMP °F	MIN AIR TEMP °F	AVG AIR TEMP °F	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT °F	TOTAL PRECIP IN	TOTAL EVAP IN	MAX 4"	MIN 4"	AVG 4"	MAX 8"	MIN 8"	AVG 8"	MAX 4" SOIL TEMP	MIN 4" SOIL TEMP	AVG 4" SOIL TEMP
													SOIL SOD °F	SOIL SOD °F	SOIL SOD °F	SOIL SOD °F	SOIL SOD °F	SOIL SOD °F	SOIL SOD °F	SOIL SOD °F	SOIL SOD °F
1	16.4	3.3	197.9	18.99	81.4	49.8	67.4	97.7	40.5	57.8	0.00	0.15	68.5	61.6	64.9	64.7	59.6	62.1	73.9	58.3	66.5
2	17.3	4.8	247.7	18.01	77.4	53.5	64.9	98.2	43.1	56.5	0.14	0.14	68.6	62.7	65.8	64.9	60.9	63.0	74.8	60.8	67.2
3	18.9	5.3	303.3	3.04	53.7	41.5	64.7	97.5	93.2	56.3	1.49	0.02	66.0	58.8	62.1	64.1	57.5	60.5	64.2	53.5	58.5
4	15.6	4.1	218.5	16.23	52.5	38.4	64.5	98.3	51.2	56.1	0.06	0.08	61.9	57.3	59.2	59.0	55.3	57.2	61.7	51.7	55.8
5	10.6	3.3	242.5	5.37	59.0	38.4	64.2	98.7	86.1	55.8	1.23	0.03	59.2	56.6	57.9	57.9	54.7	56.1	59.6	51.1	54.9
6	16.4	5.1	234.4	7.28	62.5	51.9	57.0	97.6	76.3	54.1	0.03	0.05	61.2	57.8	59.2	58.9	56.0	57.1	63.0	55.8	59.1
7	14.0	2.9	201.2	23.50	75.7	47.0	61.7	98.3	45.4	54.2	0.00	0.16	66.1	57.8	61.7	62.7	56.1	59.2	73.7	54.5	64.4
8	8.8	1.9	263.3	24.58	81.3	49.7	66.8	98.2	28.1	54.3	0.00	0.18	68.9	60.7	64.7	65.4	58.8	62.0	76.0	58.9	67.8
9	29.2	8.3	209.1	21.69	79.9	58.8	70.8	96.4	33.6	58.0	0.01	0.20	70.3	64.8	67.4	66.5	62.7	64.5	74.0	64.8	68.8
10	23.7	6.4	289.0	19.58	76.3	58.1	67.2	95.9	54.9	59.4	0.07	0.16	71.9	66.1	68.6	67.9	63.7	65.5	77.1	65.4	69.5
11	24.0	7.4	330.3	20.49	70.8	45.6	59.9	85.5	29.9	46.1	0.03	0.16	69.8	65.3	67.4	66.3	63.4	64.9	72.6	59.7	66.1
12	21.2	4.8	294.2	29.96	61.7	37.0	49.9	96.7	22.9	33.7	0.00	0.17	67.4	60.9	64.0	64.3	59.7	62.2	69.4	53.7	60.9
13	12.4	3.2	186.5	29.57	71.5	35.9	56.3	99.0	24.1	38.0	0.00	0.20	68.1	59.4	63.5	64.9	58.4	61.6	72.5	51.9	62.2
14	22.3	9.4	205.9	28.65	85.6	55.2	72.9	73.4	39.1	54.2	0.00	0.27	72.0	62.5	66.8	67.6	60.9	64.0	75.9	58.0	66.9
15	23.4	9.2	227.0	27.66	84.5	68.3	76.5	64.5	38.8	58.2	0.00	0.27	74.4	66.8	70.3	70.2	64.4	67.2	79.6	64.2	71.2
16	17.8	4.9	231.3	21.29	80.1	62.2	72.0	94.5	43.4	60.0	0.00	0.18	75.4	69.0	71.8	71.1	66.7	68.8	79.9	67.2	72.7
17	16.2	5.0	165.9	10.80	75.2	59.0	67.7	97.4	65.7	62.5	0.02	0.09	72.8	69.4	71.2	70.1	67.4	68.6	74.1	67.4	70.5
18	9.9	2.6	194.3	23.93	82.3	57.1	70.0	98.2	52.5	62.8	0.00	0.18	75.6	67.9	71.5	72.2	66.0	68.8	81.6	64.7	73.2
19	21.4	7.3	185.4	23.76	87.7	66.3	78.1	96.7	50.0	68.4	0.00	0.21	79.0	70.7	74.3	74.4	68.5	71.3	85.0	69.7	76.5
20	23.2	9.4	203.9	18.42	86.8	73.6	78.8	83.4	46.9	67.4	0.00	0.19	77.7	73.0	75.1	74.0	70.3	72.2	80.6	71.7	75.8
21	27.8	9.0	208.4	16.82	78.8	63.5	69.1	96.7	58.1	63.6	0.62	0.13	76.6	72.0	74.0	73.0	69.9	71.4	78.6	69.9	73.4
22	17.7	7.5	239.4	19.70	76.7	62.8	69.4	93.6	48.8	59.7	0.00	0.16	75.8	70.7	73.2	72.1	68.6	70.4	77.9	67.5	72.4
23	22.1	8.1	225.9	15.21	68.4	53.3	61.6	92.8	56.1	53.2	0.00	0.12	73.1	68.6	70.8	71.1	67.3	68.7	72.4	62.7	68.0
24	17.9	4.0	109.8	31.50	69.0	42.0	55.7	96.5	30.6	40.7	0.00	0.19	73.1	64.8	68.6	70.1	63.3	66.8	76.5	56.1	66.0
25	18.0	3.4	180.4	25.03	75.5	41.7	61.2	97.9	34.1	48.2	0.00	0.18	72.5	64.4	68.5	69.8	63.7	66.8	76.6	56.8	66.8
26	16.9	5.9	152.0	24.25	82.2	57.1	71.0	88.3	43.6	56.9	0.00	0.20	75.7	67.7	71.4	72.5	66.1	68.9	79.5	63.4	71.3
27	25.4	8.4	201.5	21.15	84.4	62.2	74.1	87.3	36.0	60.0	0.00	0.20	75.4	69.4	72.3	72.1	67.4	69.9	79.4	65.5	72.5
28	33.4	11.5	202.1	22.16	86.6	70.7	78.2	77.5	42.1	62.3	0.00	0.24	76.6	70.4	73.2	73.0	68.5	70.7	80.9	68.0	74.1
29	26.1	8.9	188.5	27.08	86.5	62.7	77.3	92.0	41.9	62.5	0.00	0.25	78.5	71.0	74.6	74.8	69.0	71.9	85.4	68.3	76.9
30	30.4	11.2	184.4	16.15	83.4	70.2	77.3	95.1	54.0	66.9	0.12	0.17	77.5	73.2	75.3	74.1	71.0	72.6	83.0	73.0	77.4
31	30.9	10.2	192.8	17.31	81.0	67.3	75.1	93.6	59.9	68.7	0.35	0.15	78.4	72.9	75.6	74.4	70.5	72.6	81.1	71.2	75.9
TOT				629.15							4.17	5.06									
AVG		6.3	216.7	20.3	76.1	54.9	67.8	92.8	47.4	56.7		0.16	71.9	65.6	68.5	68.5	63.8	66.1	75.5	62.1	68.5
MAX	33.4				87.7			99.0					79.0			74.8			85.4		
MIN						35.9			22.9					56.6			54.7			51.1	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
 June 2013
 Monthly Summary For Carbondale

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR AVG WIND °	TOTAL SOLAR RAD MJ/M*M	MAX AIR TEMP °F	MIN AIR TEMP °F	AVG AIR TEMP °F	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT °F	TOTAL PRECIP IN	TOTAL EVAP IN	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG
													4" SOIL TEMP °F	4" SOIL TEMP °F	4" SOIL TEMP °F	8" SOIL TEMP °F	8" SOIL TEMP °F	8" SOIL TEMP °F	4" SOIL TEMP °F	4" SOIL TEMP °F	4" SOIL TEMP °F
1	32.5	9.4	198.2	9.53	75.2	63.5	66.7	97.2	75.3	64.1	1.97	0.06	76.4	72.2	73.5	73.7	70.0	71.3	74.9	69.0	71.3
2	14.6	5.3	318.8	17.20	71.2	58.2	65.6	97.0	63.1	58.9	0.00	0.12	73.9	70.2	72.1	71.2	68.2	69.8	76.0	65.0	70.6
3	12.9	3.3	205.2	23.24	72.2	51.9	65.4	97.0	47.7	58.6	0.00	0.16	75.1	69.4	71.8	72.5	67.7	69.8	78.8	64.2	70.7
4	11.8	2.5	183.7	25.60	77.7	47.9	65.3	98.1	45.1	58.4	0.00	0.18	75.5	67.6	71.6	73.1	66.6	69.7	80.4	60.9	70.9
5	10.9	1.8	249.7	24.78	83.3	58.6	65.1	97.8	40.9	58.1	0.02	0.19	77.6	70.2	73.9	74.7	68.5	71.6	83.9	66.5	75.2
6	16.1	5.4	322.9	23.41	80.5	65.7	72.4	93.2	43.3	61.3	0.01	0.19	78.7	73.1	75.8	75.4	70.9	73.1	83.1	71.1	76.2
7	18.9	5.9	318.5	21.31	76.4	57.8	67.7	96.9	48.0	58.0	0.00	0.16	76.8	72.3	74.5	74.2	70.1	72.2	78.8	67.4	72.9
8	12.9	3.2	238.2	27.63	79.6	54.4	68.3	98.0	33.6	57.1	0.00	0.20	78.2	70.3	74.1	74.9	68.8	71.8	83.0	64.0	73.6
9	18.0	5.1	193.0	15.16	77.9	60.3	69.4	97.8	52.1	61.3	0.08	0.13	77.0	72.3	74.3	73.9	70.5	72.1	79.2	67.8	73.0
10	21.2	4.8	247.8	21.99	80.5	61.6	70.3	97.8	49.9	63.4	0.10	0.16	78.0	71.5	74.5	74.7	69.4	71.8	81.1	67.8	73.7
11	16.9	4.4	220.0	28.12	91.5	57.6	77.3	98.0	49.9	67.5	0.00	0.23	81.2	71.3	76.3	77.2	69.7	73.4	87.6	66.1	77.4
12	28.1	9.0	231.2	29.26	92.0	75.8	84.9	81.8	48.9	70.5	0.00	0.29	84.0	76.3	79.9	80.5	73.9	76.6	92.3	74.9	83.4
13	23.6	7.2	259.8	13.90	84.0	63.1	75.7	94.1	44.5	64.3	0.00	0.14	81.1	76.1	78.4	78.4	74.5	76.0	84.5	73.7	79.2
14	14.4	2.7	203.9	27.95	83.1	55.9	70.4	97.8	36.6	58.9	0.00	0.21	81.3	72.8	76.9	77.5	71.4	74.4	89.8	67.8	78.4
15	16.7	3.7	237.9	26.41	86.7	61.0	74.8	96.9	43.2	63.9	0.00	0.21	81.8	74.2	77.8	78.3	72.2	75.3	91.7	71.3	81.2
16	16.4	3.6	195.3	16.50	85.1	70.2	75.7	97.2	54.0	68.9	0.14	0.14	81.1	76.2	78.6	77.7	74.1	76.0	87.5	75.5	80.6
17	19.7	4.3	207.8	12.50	86.3	65.0	72.2	97.6	59.5	67.6	0.29	0.10	80.7	75.6	78.0	77.8	74.0	75.7	85.2	72.0	77.4
18	11.4	3.2	268.6	27.81	86.9	59.5	73.6	97.9	44.6	64.8	0.00	0.21	82.9	73.1	77.9	79.0	71.0	75.0	87.6	68.0	77.8
19	10.9	1.9	185.2	25.26	87.1	61.8	74.5	97.7	40.2	65.1	0.00	0.19	82.7	75.4	79.2	79.6	73.5	76.7	88.1	70.9	80.0
20	12.9	3.3	168.6	27.24	89.9	63.4	78.0	97.8	38.7	67.1	0.00	0.23	85.0	75.8	80.3	81.2	74.0	77.6	92.9	72.7	82.6
21	18.1	6.3	188.8	27.77	89.5	69.5	81.0	92.4	46.4	68.4	0.00	0.25	84.9	78.0	81.4	81.5	75.8	78.7	93.9	76.3	84.9
22	26.5	7.0	204.9	21.88	89.2	65.6	77.2	95.5	43.3	67.6	0.15	0.20	84.3	78.2	80.8	80.9	76.2	78.5	92.2	77.5	83.4
23	30.8	6.0	185.9	22.83	87.1	65.6	75.3	96.1	50.0	67.5	0.16	0.19	83.6	76.6	79.8	80.0	74.4	77.3	88.2	74.3	80.4
24	16.8	5.9	177.0	26.14	89.5	67.2	78.1	97.0	49.1	70.2	0.00	0.22	85.5	76.8	80.8	81.4	74.8	78.0	90.3	74.5	81.9
25	21.1	7.4	207.0	27.09	90.3	75.0	82.7	88.0	50.4	71.5	0.00	0.24	86.0	78.7	82.2	82.3	76.6	79.3	92.5	77.6	84.7
26	28.5	9.0	219.2	19.21	89.3	72.9	79.1	96.4	61.3	72.0	0.58	0.17	85.4	78.9	81.7	81.1	76.8	79.0	88.2	78.4	82.1
27	19.7	5.6	287.7	29.67	92.4	73.3	82.3	96.8	37.8	70.6	0.00	0.26	86.8	79.0	82.6	82.6	76.6	79.4	88.8	77.4	83.0
28	22.5	6.1	294.7	25.78	88.7	69.8	79.3	96.2	35.0	64.7	0.00	0.24	85.3	79.6	82.3	82.0	77.4	79.7	88.4	77.7	82.6
29	33.2	7.4	283.7	25.57	83.0	61.0	72.2	97.2	42.8	60.8	0.32	0.21	83.3	77.1	79.6	80.0	75.4	77.8	86.9	74.6	79.5
30	22.6	5.9	302.9	14.76	76.8	63.5	67.8	97.0	61.6	63.9	0.18	0.11	79.8	75.5	77.2	77.1	73.7	75.2	79.1	72.6	74.9
TOT				685.49							3.99	5.61									
AVG		5.2	233.5	22.8	84.1	63.2	73.6	96.0	47.9	64.5		0.19	81.1	74.5	77.6	77.8	72.6	75.1	85.8	71.2	78.1
MAX	33.2				92.4			98.1					86.8			82.6			93.9		
MIN						47.9			33.6					67.6			66.6			60.9	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
 July 2013
 Monthly Summary For Carbondale

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR WIND AVG	TOTAL SOLAR RAD MJ/M*M	MAX AIR TEMP OF	MIN AIR TEMP OF	AVG AIR TEMP OF	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT OF	TOTAL PRECIP IN	TOTAL EVAP IN	MAX 4" SOIL TEMP UNDER SOD OF	MIN 4" SOIL TEMP UNDER SOD OF	AVG 4" SOIL TEMP UNDER SOD OF	MAX 8" SOIL TEMP UNDER SOD OF	MIN 8" SOIL TEMP UNDER SOD OF	AVG 8" SOIL TEMP UNDER SOD OF	MAX 4" SOIL TEMP UNDER SOIL OF	MIN 4" SOIL TEMP UNDER SOIL OF	AVG 4" SOIL TEMP UNDER SOIL OF
													SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOIL OF	SOIL TEMP UNDER SOIL OF	SOIL TEMP UNDER SOIL OF	
1	18.0	6.1	282.9	6.91	71.1	62.9	66.1	96.5	75.2	63.6	0.28	0.05	76.6	73.9	75.1	74.9	72.1	73.2	73.1	70.5	72.0
2	18.0	6.0	265.1	4.09	66.3	62.6	64.3	97.4	92.0	63.2	1.28	0.03	74.3	71.6	72.8	72.5	69.8	71.1	70.7	68.7	69.7
3	9.2	2.5	239.9	23.83	80.2	58.5	64.2	97.7	41.9	63.2	0.00	0.17	79.2	71.1	74.5	76.1	69.2	72.0	80.7	68.0	73.4
4	13.4	3.0	141.9	27.27	82.9	56.0	64.2	98.1	40.8	63.1	0.00	0.21	80.5	72.1	76.3	77.9	70.9	74.1	82.5	68.5	75.5
5	12.3	2.7	165.7	22.13	81.4	61.3	64.1	98.1	56.3	63.0	0.00	0.17	81.2	74.7	77.8	78.1	73.0	75.5	82.1	71.8	76.9
6	22.6	5.0	175.8	24.76	86.2	67.8	75.2	96.9	50.5	66.5	0.00	0.20	83.7	76.4	79.6	79.8	74.3	76.8	84.2	74.2	78.5
7	10.9	3.8	212.6	28.09	88.2	61.6	76.4	97.7	38.0	67.6	0.00	0.22	84.5	76.4	80.3	80.9	74.4	77.5	85.1	72.7	79.0
8	12.3	4.3	210.7	25.55	88.6	69.4	80.1	94.5	49.8	70.7	0.00	0.21	85.2	78.3	81.7	81.9	76.1	78.8	85.9	76.0	81.0
9	16.3	5.6	216.1	24.01	91.9	76.2	83.5	86.1	50.6	72.8	0.00	0.22	86.9	79.8	83.2	82.8	77.6	80.1	87.5	78.3	82.7
10	14.3	4.4	253.6	12.48	85.2	71.8	79.4	97.0	60.6	72.5	0.01	0.12	84.1	80.9	82.5	81.6	78.2	79.7	83.3	79.8	81.2
11	17.7	5.3	143.6	28.83	82.5	59.8	73.9	96.5	40.7	62.7	0.00	0.23	84.2	78.8	81.0	81.3	78.2	78.9	87.1	76.6	80.6
12	16.0	3.8	178.1	29.51	83.2	55.9	70.4	98.2	36.7	58.6	0.00	0.23	82.9	75.2	79.0	80.9	74.5	77.5	90.5	70.6	80.4
13	16.9	3.6	155.8	26.31	84.1	56.5	71.4	98.2	40.2	60.1	0.00	0.21	82.1	74.9	78.5	79.6	74.0	77.0	90.4	72.5	81.5
14	21.0	3.8	172.0	21.61	86.3	60.2	73.5	98.0	53.0	67.6	0.14	0.17	82.3	75.4	78.8	79.6	74.2	77.0	90.6	74.2	81.9
15	17.1	3.9	175.6	22.01	86.3	67.9	77.5	97.9	59.7	72.2	0.05	0.17	84.4	76.9	80.6	80.8	75.5	78.0	88.4	75.8	82.1
16	11.8	2.3	178.5	24.86	90.7	67.2	79.8	97.8	47.9	71.1	0.00	0.21	85.7	78.1	81.9	83.0	76.2	79.4	93.8	75.5	84.6
17	8.0	1.2	224.3	23.53M	94.2	74.1	81.5	97.0	40.0	71.4	0.00	0.20	86.9	81.1	82.9	83.6	78.3	80.5	96.2	85.9	87.2
18	11.9	2.2	215.2	25.85	92.9	70.8	81.9	97.7	42.0	73.1	0.00	0.22	87.3	80.3	83.7	84.4	78.4	81.5	99.0	80.7	89.3
19	16.2	5.0	212.4	29.44	89.3	70.8	80.7	97.3	49.9	70.9	0.00	0.25	87.1	80.6	83.6	84.4	78.9	81.6	98.1	81.4	89.2
20	20.9	6.3	208.9	25.10	90.8	69.3	79.0	97.5	52.5	71.0	1.22	0.21	86.9	80.5	83.1	83.9	78.8	81.2	97.9	81.5	87.7
21	19.4	2.6	215.5	18.33	87.5	68.5	75.0	98.0	56.7	70.4	0.19	0.14	85.6	79.1	82.0	82.1	77.5	79.7	90.0	78.2	82.9
22	12.9	4.5	243.0	22.45	87.5	69.9	77.7	97.2	57.7	71.8	0.00	0.18	86.1	79.4	82.5	82.5	77.3	79.9	88.5	76.8	82.3
23	30.9	4.9	237.7	26.65	90.5	68.5	79.2	96.3	55.6	71.6	0.00	0.22	87.6	80.6	83.6	83.6	78.6	81.0	90.7	77.9	83.9
24	14.8	4.7	180.0	28.55	79.7	58.5	71.2	97.4	41.4	60.3	0.00	0.21	84.6	79.2	81.8	82.5	77.7	80.1	88.8	76.1	81.4
25	14.3	2.8	178.8	29.04	79.4	54.8	67.5	98.4	39.8	57.9	0.00	0.20	82.7	75.5	78.8	80.0	74.7	77.6	87.9	70.9	79.1
26	10.6	2.4	234.0	13.19	76.6	56.0	68.3	98.4	56.4	63.0	0.03	0.10	79.2	74.7	77.3	78.1	74.1	76.0	80.7	71.2	76.6
27	17.2	5.3	297.7	26.19	78.0	55.0	69.5	97.2	43.3	60.8	0.13	0.19	81.2	75.6	77.9	78.5	74.1	76.0	84.5	73.1	77.8
28	14.2	3.1	243.9	28.02	77.6	49.6	65.7	98.5	40.6	55.2	0.00	0.20	79.8	71.7	75.7	76.9	71.1	74.3	85.0	66.7	75.8
29	11.7	2.3	228.2	14.58	77.5	57.1	69.0	98.0	56.5	62.2	0.00	0.11	78.5	72.9	75.9	76.0	72.0	74.1	81.0	69.7	75.6
30	13.7	4.6	170.0	5.06	72.3	64.9	69.0	97.2	72.2	66.6	0.76	0.04	76.3	73.9	75.1	74.9	71.9	73.5	75.5	72.1	73.9
31	12.6	3.1	277.8	15.32	84.1	67.2	75.0	97.5	64.1	70.0	0.00	0.12	81.1	74.5	77.4	77.9	72.7	74.7	83.1	73.1	77.2
TOT				683.54							4.09	5.41									
AVG		3.9	210.8	22.0	83.6	63.6	73.4	97.1	51.7	66.3		0.17	82.9	76.6	79.5	80.0	75.0	77.4	86.5	74.5	80.0
MAX	30.9				94.2			98.5					87.6			84.4			99.0		
MIN						49.6			36.7					71.1			69.2			66.7	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
 August 2013
 Monthly Summary For Carbondale

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR WIND °	TOTAL SOLAR RAD MJ/M*°M	MAX AIR TEMP °F	MIN AIR TEMP °F	AVG AIR TEMP °F	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT °F	TOTAL PRECIP IN	TOTAL EVAP IN	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F
													UNDER SOIL °F	UNDER SOIL °F	UNDER SOIL °F	UNDER SOIL °F	UNDER SOIL °F	UNDER SOIL °F	UNDER SOIL °F	UNDER SOIL °F	UNDER SOIL °F
1	15.6	3.6	288.9	28.31	84.8	61.8	72.9	98.2	36.8	64.5	0.00	0.21	82.2	74.8	78.3	78.8	73.2	75.9	85.6	71.6	78.3
2	15.0	3.7	204.6	17.44	83.9	59.4	72.3	98.4	53.2	66.2	0.04	0.14	81.1	73.8	77.3	77.2	73.1	75.4	82.6	70.4	76.5
3	14.1	3.1	236.5	15.41	84.5	67.0	72.6	97.7	60.9	66.5	0.19	0.12	81.7	76.2	78.5	78.2	74.2	75.9	83.4	74.4	78.0
4	11.2	2.9	147.8	22.40	79.9	61.3	73.0	98.4	44.1	66.9	0.00	0.17	80.7	75.1	77.8	77.9	73.5	75.8	83.8	71.8	77.4
5	12.5	3.2	187.2	7.11	70.8	59.4	73.5	98.2	70.2	67.3	0.38	0.05	77.4	74.4	75.7	76.2	73.0	74.1	75.4	71.0	73.4
6	12.5	3.4	210.8	18.70	82.3	69.1	74.9	97.6	65.2	70.2	0.00	0.14	81.5	74.5	77.6	78.6	72.6	75.0	83.0	72.4	77.1
7	19.7	3.6	221.0	13.23	84.0	67.6	74.3	97.8	58.7	70.5	0.23	0.10	81.3	76.5	78.6	78.6	74.4	76.1	83.0	74.5	77.7
8	22.5	2.2	243.5	14.27	83.7	66.2	74.4	98.2	66.3	71.5	0.85	0.10	81.0	75.8	78.3	78.3	74.1	76.0	82.3	72.7	77.5
9	11.0	2.1	230.6	9.59	81.7	69.7	73.6	97.9	68.1	71.1	0.54	0.07	80.4	77.6	78.9	77.9	75.4	76.6	81.4	75.3	78.1
10	9.5	2.1	246.6	21.28	85.4	69.4	75.2	98.0	45.3	68.6	0.02	0.16	82.7	77.1	79.5	79.7	75.0	76.8	86.9	74.4	79.4
11	8.8	1.3	216.7	27.55	85.8	63.7	75.1	98.2	52.2	67.4	0.00	0.21	83.6	77.1	80.1	80.3	75.2	77.5	89.8	73.3	81.1
12	13.9	3.2	233.2	16.21	85.7	69.1	75.7	97.9	66.7	72.1	0.05	0.12	82.8	78.4	80.7	80.1	76.6	78.2	87.0	76.4	81.0
13	17.1	5.3	208.2	19.88	80.4	63.9	72.5	98.1	52.2	65.6	0.00	0.15	81.4	77.5	79.5	78.6	75.9	77.2	83.3	74.2	78.6
14	21.0	5.5	123.7	27.10	73.4	52.5	63.5	97.9	41.6	52.0	0.00	0.19	78.1	73.6	75.6	76.5	72.2	74.1	79.7	68.2	73.3
15	17.5	2.7	175.2	24.39	74.9	49.7	62.2	98.7	45.5	54.0	0.00	0.17	76.3	70.7	73.5	74.3	69.9	72.2	79.7	64.8	71.9
16	12.6	3.1	169.2	18.25	76.3	50.5	64.9	98.8	50.1	57.3	0.00	0.13	75.0	70.2	72.8	73.0	69.2	71.4	77.5	64.9	71.6
17	15.6	4.3	137.0	20.75	78.7	62.4	69.2	97.2	53.4	62.9	0.05	0.15	77.7	72.2	74.5	74.8	70.5	72.4	81.5	69.5	74.5
18	10.6	2.0	221.0	20.82	82.2	63.3	71.1	98.2	48.4	65.2	0.02	0.15	79.9	73.5	76.3	76.9	71.8	73.9	83.9	71.3	76.8
19	11.9	1.6	220.5	23.92	84.4	60.9	71.8	98.5	48.7	65.3	0.00	0.18	80.8	73.8	77.2	77.9	72.1	74.8	86.0	71.3	78.0
20	9.5	1.1	217.9	21.17	86.8	61.8	73.8	98.5	46.5	66.5	0.00	0.16	80.9	74.7	77.6	77.9	72.7	75.5	85.8	72.0	78.6
21	10.0	2.0	240.6	24.12	87.5	67.7	75.4	97.7	46.9	67.8	0.03	0.19	82.2	78.5	78.4	78.8	75.0	76.1	90.5	79.2	80.9
22	12.9	2.1	254.7	22.40	90.7	65.6	76.9	98.3	45.5	69.9	0.00	0.17	82.6	76.1	79.2	79.3	74.3	76.8	92.9	74.4	82.8
23	11.9	3.1	134.3	23.68	88.9	67.0	77.2	98.3	51.6	69.7	0.00	0.19	83.6	77.0	80.1	79.8	74.9	77.4	94.7	76.3	84.2
24	12.9	2.6	176.4	26.44	88.3	62.3	74.7	98.4	38.8	66.0	0.00	0.21	83.4	76.4	79.7	79.9	74.8	77.3	96.0	75.4	84.5
25	10.0	2.2	211.2	23.88	90.1	59.2	75.7	98.5	43.8	67.6	0.00	0.19	83.1	75.5	79.2	79.6	74.2	76.9	95.4	74.3	84.2
26	15.1	5.0	217.0	23.20	88.6	71.5	79.6	96.8	55.1	71.9	0.00	0.19	83.9	77.8	80.6	80.5	75.8	78.1	95.9	78.4	86.0
27	15.2	5.4	229.2	19.33	88.9	74.0	80.7	89.1	58.9	71.7	0.00	0.17	84.1	78.5	81.2	80.9	76.6	78.7	95.0	79.2	86.1
28	15.9	4.1	259.8	23.97	91.4	71.7	80.5	96.4	39.7	69.0	0.00	0.21	84.9	78.6	81.2	81.1	76.8	78.9	96.7	78.9	86.8
29	12.7	3.0	277.3	24.78	93.8	70.2	81.4	96.7	42.2	71.6	0.00	0.21	85.5	78.4	81.6	82.4	76.7	79.2	99.7	79.1	88.3
30	11.2	3.1	248.6	22.46	94.8	68.9	82.0	98.0	37.7	71.2	0.00	0.20	86.2	79.0	82.3	82.4	77.3	79.8	100.6	80.2	89.3
31	14.9	5.4	232.9	24.18	95.3	77.2	86.0	84.8	43.9	72.7	0.00	0.23	87.9	80.5	83.5	83.6	78.4	80.8	101.9	82.8	91.0
TOT				646.20							2.38	5.05									
AVG		3.2	213.6	20.8	84.8	64.6	74.4	97.3	50.9	67.1		0.16	81.7	75.9	78.6	78.7	74.2	76.3	87.8	74.0	80.1
MAX	22.5				95.3			98.8					87.9			83.6			101.9		80.1
MIN						49.7			36.8						70.2		69.2			64.8	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
 September 2013
 Monthly Summary For Carbondale

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR WIND AVG	TOTAL SOLAR RAD MJ/M* ² M	MAX AIR TEMP OF	MIN AIR TEMP OF	AVG AIR TEMP OF	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT OF	TOTAL PRECIP IN	TOTAL EVAP IN	MAX 4" SOIL TEMP UNDER SOD OF	MIN 4" SOIL TEMP UNDER SOD OF	AVG 4" SOIL TEMP UNDER SOD OF	MAX 8" SOIL TEMP UNDER SOD OF	MIN 8" SOIL TEMP UNDER SOD OF	AVG 8" SOIL TEMP UNDER SOD OF	MAX 4" SOIL TEMP UNDER SOIL OF	MIN 4" SOIL TEMP UNDER SOIL OF	AVG 4" SOIL TEMP UNDER SOIL OF
													SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOIL OF	SOIL TEMP UNDER SOIL OF	SOIL TEMP UNDER SOIL OF	
1	21.1	5.8	214.4	18.80	87.6	74.2	79.9	95.6	56.7	72.3	0.00	0.16	86.1	81.2	83.2	82.5	79.3	81.0	97.1	83.7	89.2
2	17.5	4.2	305.4	23.41	86.0	61.8	75.0	97.8	41.9	65.9	0.00	0.19	85.8	79.5	82.0	81.7	77.6	79.6	97.1	80.0	86.5
3	13.1	2.6	257.7	25.79	83.3	56.8	74.5	98.4	38.1	65.4	0.00	0.19	83.8	75.9	79.4	80.2	74.9	77.5	95.4	74.3	83.4
4	13.8	2.0	232.9	24.81	85.7	53.4	73.9	98.6	35.6	64.9	0.00	0.18	83.0	74.2	78.1	78.9	73.3	76.2	94.0	72.5	81.8
5	10.3	1.5	195.5	22.35	86.0	53.9	73.4	98.6	35.3	64.3	0.00	0.17	81.6	73.4	77.3	78.1	72.5	75.4	92.4	71.5	80.9
6	11.0	2.4	197.9	23.36	88.4	60.4	73.2	98.3	41.3	63.6	0.00	0.19	83.0	74.9	78.6	79.3	73.4	76.2	94.9	74.1	83.1
7	13.7	3.9	236.4	23.01	88.7	58.8	75.2	98.4	43.5	64.8	0.00	0.19	83.3	75.2	79.0	80.5	73.8	76.6	94.8	74.0	83.4
8	11.4	2.7	196.1	9.51	83.0	69.4	76.9	96.8	61.9	68.7	0.00	0.09	81.7	77.5	79.5	78.5	75.5	77.0	86.6	78.0	82.2
9	16.4	3.9	213.5	21.59	94.3	69.4	82.0	97.9	42.5	71.6	0.00	0.20	86.5	77.3	81.2	81.5	75.3	78.1	97.2	77.2	86.1
10	15.5	5.3	201.5	19.18	91.8	75.4	82.5	90.0	45.8	71.5	0.00	0.18	86.0	79.7	82.5	82.3	77.4	79.7	96.4	81.0	87.3
11	13.9	4.3	224.3	22.09	97.0	72.0	82.3	91.3	31.4	69.0	0.00	0.20	87.4	79.5	82.9	82.7	77.6	80.1	99.4	79.8	88.2
12	17.2	4.1	258.0	17.13	87.2	60.8	75.9	94.9	41.4	66.3	0.01	0.15	85.5	79.7	82.1	81.4	78.0	79.6	94.1	80.2	85.7
13	17.6	4.2	128.5	20.49	75.5	49.6	63.3	98.0	35.9	51.3	0.00	0.15	80.3	74.7	77.4	79.6	73.9	75.8	88.3	71.8	79.4
14	12.9	2.3	177.5	24.08	75.3	43.2	58.0	98.6	28.4	46.4	0.00	0.16	78.9	70.5	74.3	75.3	69.9	72.5	88.6	66.3	76.1
15	14.6	3.3	215.8	21.79	80.2	45.0	63.9	98.4	34.7	51.8	0.00	0.17	78.2	69.1	73.6	74.4	68.4	71.4	87.1	65.3	75.8
16	13.5	4.2	170.3	8.22	74.5	59.8	66.4	97.9	60.1	60.8	0.24	0.07	76.5	73.0	74.4	73.7	71.1	72.2	77.6	69.7	74.0
17	11.8	2.6	129.2	16.96	81.3	57.2	68.0	97.6	49.7	60.5	0.00	0.12	78.2	70.6	74.2	74.4	68.8	71.5	83.8	66.2	74.5
18	14.7	4.6	199.3	15.82	86.9	64.6	74.7	96.6	54.3	67.1	0.00	0.14	80.0	73.2	76.3	76.7	71.2	73.6	87.9	71.9	78.6
19	18.2	7.9	199.7	18.56	87.6	72.0	78.2	90.3	56.9	69.8	0.00	0.17	82.1	75.4	78.4	78.6	73.3	75.7	91.4	75.1	81.9
20	18.2	4.4	244.9	3.68	76.5	63.4	71.2	M	M	M	0.54	M	86.3	76.1	78.7	80.8	74.3	75.9	M	M	M
21	17.8	5.3	322.1	22.75	72.7	49.6	61.4	M	M	M	0.00	M	86.6	70.9	77.0	77.5	70.0	72.5	M	M	M
22	11.9	2.0	190.0	22.54	76.9	44.8	59.0	98.6	33.8	49.2	0.00	0.15	75.2	66.7	70.6	71.2	66.1	68.5	81.2	59.6	69.4
23	14.4	3.5	170.7	22.47	77.4	50.2	59.4	97.8	30.5	49.1	0.00	0.16	74.1	68.7	69.7	69.7	65.2	67.4	81.9	67.2	69.8
24	17.2	3.8	183.4	14.55	80.9	48.3	64.6	98.6	60.2	59.2	0.00	0.11	73.5	66.3	70.0	70.6	65.1	67.8	79.4	62.2	70.9
25	12.9	2.8	170.0	16.86	82.6	58.3	68.8	98.4	49.7	62.3	0.00	0.12	76.5	69.5	72.5	72.1	67.9	69.8	84.5	68.0	75.2
26	11.9	1.9	149.3	18.88	84.0	55.3	67.8	98.5	37.3	59.3	0.00	0.14	77.0	69.4	73.0	72.8	67.9	70.2	86.7	67.6	76.1
27	12.1	2.2	169.5	21.11	82.1	51.1	65.3	98.6	31.2	54.6	0.00	0.16	76.9	68.8	72.5	72.3	67.4	69.8	87.7	66.3	75.7
28	22.7	7.4	191.5	18.77	82.4	53.3	71.3	98.4	39.5	57.7	0.00	0.18	76.2	69.6	72.6	72.2	67.7	69.8	85.2	68.8	75.8
29	15.7	3.2	223.5	3.39	71.0	61.3	64.3	98.0	64.0	62.3	0.25	0.02	73.4	71.0	72.2	71.3	69.1	70.0	75.1	69.7	71.9
30	15.0	4.2	175.9	8.32	73.4	63.2	66.7	98.0	73.9	64.1	0.00	0.06	74.7	70.4	72.1	72.2	68.6	70.0	76.0	68.9	71.4
TOT				550.28							1.04	4.16									
AVG		3.8	204.8	18.3	82.7	58.5	70.6	97.1	44.8	61.9		0.15	80.6	73.4	76.5	76.8	71.8	74.0	88.6	71.8	79.1
MAX	22.7				97.0			98.6					87.4			82.7			99.4		
MIN						43.2			28.4					66.3			65.1			59.6	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
 October 2013
 Monthly Summary For Carbondale

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR WIND AVG °	TOTAL SOLAR RAD MJ/M*°M	MAX AIR TEMP °F	MIN AIR TEMP °F	AVG AIR TEMP °F	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT °F	TOTAL PRECIP IN	TOTAL EVAP IN	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F	MAX 8" SOIL TEMP °F	MIN 8" SOIL TEMP °F	AVG 8" SOIL TEMP °F	MAX 4" SOIL TEMP °F	MIN 4" SOIL TEMP °F	AVG 4" SOIL TEMP °F
													UNDER SOIL	UNDER SOIL	UNDER SOIL	UNDER SOIL	UNDER SOIL	UNDER SOIL	UNDER SOIL	UNDER SOIL	UNDER SOIL
1	11.7	4.0	191.6	7.21	76.3	63.7	69.7	97.5	76.9	66.8	0.00	0.06	75.4	70.5	72.8	72.7	69.0	70.7	76.5	69.2	72.5
2	21.0	4.5	220.6	12.24	82.5	64.6	71.9	98.1	64.4	68.1	0.05	0.10	77.3	71.6	74.3	73.8	69.5	71.8	82.5	70.1	75.3
3	20.0	6.8	194.5	15.74	84.4	68.0	72.0	96.1	53.8	68.2	0.00	0.14	77.9	72.6	74.9	74.4	70.4	72.4	83.7	71.5	76.5
4	34.5	6.1	196.1	13.62	85.4	69.2	72.2	97.2	56.5	68.3	0.15	0.11	78.6	73.0	75.6	75.4	70.8	73.0	85.8	72.3	77.6
5	25.4	5.9	216.7	6.78	80.6	57.7	72.3	98.2	71.4	68.4	1.85	0.05	77.4	73.7	75.2	74.4	71.6	73.0	80.4	72.1	75.2
6	21.0	6.8	265.4	18.55	66.3	47.8	57.3	90.3	40.4	46.4	0.00	0.13	74.4	68.2	71.7	72.7	67.6	70.1	73.9	60.6	68.3
7	16.6	3.8	285.6	18.12	66.8	45.0	54.0	98.1	42.6	45.8	0.00	0.11	69.8	65.0	67.3	67.9	63.8	65.6	70.9	56.7	62.9
8	17.5	3.1	182.4	19.36	71.3	41.7	55.1	98.9	36.8	46.4	0.00	0.13	68.9	63.0	65.9	65.6	61.9	63.9	71.5	55.5	62.8
9	9.7	1.3	189.7	18.01	77.3	40.3	57.4	99.2	47.3	51.1	0.00	0.12	69.5	61.9	65.7	66.4	60.9	63.3	74.7	54.7	64.0
10	11.8	1.4	210.9	13.31	78.7	52.1	63.2	98.7	48.5	57.8	0.00	0.09	71.1	64.9	67.7	67.8	63.0	65.2	75.6	61.1	67.4
11	17.1	3.8	180.4	17.66	78.2	50.7	63.6	98.8	45.4	56.3	0.00	0.13	71.2	65.2	68.1	67.9	63.6	65.8	77.2	60.6	68.1
12	11.7	2.9	225.1	5.01	71.3	54.4	62.6	98.5	82.0	60.5	0.31	0.03	69.5	66.2	67.7	67.1	64.3	65.6	70.4	62.6	66.1
13	15.3	3.5	186.4	18.58	73.5	45.4	57.6	98.8	27.5	46.5	0.00	0.13	68.6	63.8	66.2	66.3	62.2	64.1	71.7	57.8	64.0
14	8.9	2.4	153.0	10.67	67.9	42.7	55.5	98.6	58.4	50.2	0.00	0.07	67.1	61.8	64.5	64.4	60.5	62.4	67.4	55.1	61.2
15	19.2	7.0	197.5	3.66	69.9	57.5	65.2	97.6	79.4	62.2	0.13	0.04	67.9	64.6	66.2	65.6	62.5	64.0	68.2	62.0	65.4
16	14.6	4.1	305.1	13.80	63.3	43.9	54.6	98.2	48.9	46.6	0.00	0.09	68.0	63.9	66.2	65.7	62.8	64.3	69.9	58.8	63.9
17	17.9	3.0	244.1	13.00	62.5	43.3	51.7	98.5	51.0	46.8	0.11	0.07	66.2	62.3	64.2	63.9	61.1	62.4	67.3	56.2	61.0
18	14.1	3.1	276.9	16.88	65.9	42.1	54.4	98.5	46.5	46.2	0.04	0.10	65.4	59.5	62.4	62.2	58.4	60.5	68.2	51.7	59.7
19	17.8	5.6	278.8	15.23	57.5	39.3	47.4	96.9	39.1	40.1	0.12	0.08	63.7	59.8	62.0	62.0	58.9	60.3	64.9	52.9	58.6
20	22.8	7.1	203.3	17.02	65.0	41.2	52.7	94.8	41.9	41.0	0.00	0.11	62.5	57.6	59.9	60.2	56.2	58.1	64.4	49.6	56.1
21	15.8	5.1	274.6	10.28	63.2	37.7	52.1	95.3	54.8	44.0	0.00	0.07	62.0	57.6	59.8	59.7	56.1	58.0	64.0	51.1	56.7
22	23.5	5.7	234.4	13.63	59.2	31.3	46.6	99.9	40.8	37.4	0.07	0.09	60.3	55.8	58.2	59.0	55.1	57.0	60.8	47.4	54.5
23	26.4	6.3	310.1	13.82	51.1	37.9	44.1	92.6	42.1	34.3	0.00	0.07	59.0	55.9	57.4	57.6	54.7	56.0	59.4	48.9	53.6
24	22.2	6.0	315.7	13.60	49.4	27.1	41.3	96.6	34.1	30.4	0.00	0.07	57.7	53.9	56.4	56.4	53.7	55.1	58.6	46.3	52.6
25	10.1	2.4	212.5	17.09	53.5	23.8	37.9	99.6	29.5	26.2	0.00	0.08	56.1	50.4	53.3	53.9	50.1	52.1	59.8	41.0	49.2
26	26.3	6.4	238.4	13.03	60.1	34.3	47.9	95.9	45.5	35.2	0.00	0.09	56.7	51.5	53.9	54.6	50.5	52.3	60.9	44.7	51.9
27	7.8	1.1	233.0	16.43	62.4	28.6	43.0	99.7	30.4	33.2	0.00	0.08	57.4	51.2	54.2	54.8	50.4	52.5	63.6	44.2	52.7
28	8.6	1.0	194.9	15.78	71.3	29.9	48.6	100.2	25.6	38.4	0.00	0.09	58.6	51.2	54.6	55.6	50.3	52.6	66.3	44.8	54.6
29	17.8	3.5	198.7	1.76	64.7	38.9	52.3	98.5	92.9	51.4	0.57	0.01	58.4	53.9	55.7	55.6	52.3	53.7	59.7	50.9	54.6
30	27.7	9.4	204.0	12.95	76.6	63.3	68.4	96.0	59.1	62.4	0.13	0.10	64.9	57.6	61.6	61.7	55.2	58.6	71.0	59.7	65.1
31	33.5	11.7	218.0	1.46	68.0	51.0	62.6	98.1	78.0	60.7	2.11	0.02	65.0	63.0	64.0	62.4	60.8	61.5	66.0	60.3	64.6
TOT				404.27							5.65	2.66									
AVG		4.7	227.0	13.0	68.5	45.6	56.6	97.5	51.3	49.6		0.09	66.6	61.6	64.1	64.1	60.3	62.1	69.5	56.5	62.5
MAX	34.5				85.4			100.2					78.6			75.4			85.8		
MIN						23.8			25.6					50.4			50.1			41.0	

KEY: M = missing data
 E = estimated data

Illinois Climate Network (ICN)
November 2013
Monthly Summary For Carbondale

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR WIND AVG	TOTAL SOLAR RAD MJ/M*M	MAX AIR TEMP OF	MIN AIR TEMP OF	AVG AIR TEMP OF	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT OF	TOTAL PRECIP IN	TOTAL EVAP IN	MAX 4" SOIL TEMP UNDER SOD OF	MIN 4" SOIL TEMP UNDER SOD OF	AVG 4" SOIL TEMP UNDER SOD OF	MAX 8" SOIL TEMP UNDER SOD OF	MIN 8" SOIL TEMP UNDER SOD OF	AVG 8" SOIL TEMP UNDER SOD OF	MAX 4" SOIL TEMP UNDER SOIL OF	MIN 4" SOIL TEMP UNDER SOIL OF	AVG 4" SOIL TEMP UNDER SOIL OF
													SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOIL OF	SOIL TEMP UNDER SOIL OF	SOIL TEMP UNDER SOIL OF
1	21.8	6.8	260.1	14.51	64.4	42.4	53.2	96.6	41.0	45.5	0.00	0.09	63.6	59.3	61.4	61.9	58.1	59.5	64.4	54.5	58.8
2	21.3	5.7	287.6	9.26	55.5	34.3	46.2	98.6	48.6	39.3	0.02	0.06	59.8	55.8	58.0	58.5	55.1	56.5	58.0	48.9	53.6
3	13.5	3.0	188.2	14.94	58.2	29.8	45.7	100.4	33.2	38.9	0.01	0.09	57.8	53.0	55.3	55.3	52.0	53.8	60.1	44.1	51.5
4	20.1	6.4	176.3	3.94	58.7	44.0	45.3	96.8	52.1	38.6	0.04	0.06	56.5	53.9	55.1	54.4	52.4	53.5	54.6	48.3	51.4
5	21.1	7.3	169.9	7.99	65.0	59.5	44.8	64.8	50.4	38.3	0.01	0.08	58.8	56.9	56.8	57.1	54.6	54.9	60.8	57.2	56.0
6	26.0	9.8	253.3	1.85	61.9	38.7	51.6	96.0	59.8	46.9	0.44	0.03	58.6	55.7	57.7	56.9	54.7	56.1	58.3	49.8	55.8
7	19.0	3.3	280.6	14.34	53.2	31.7	41.1	98.8	42.3	33.8	0.00	0.07	56.8	52.6	54.5	55.1	51.5	53.0	57.8	44.0	50.2
8	17.1	4.1	201.3	14.37	57.4	27.4	43.3	100.6	31.6	31.1	0.00	0.09	54.7	50.2	52.4	52.5	49.2	51.0	56.6	41.6	48.5
9	21.4	7.8	227.6	13.61	65.7	45.6	54.1	91.7	40.5	40.5	0.00	0.11	55.6	51.1	53.3	53.3	49.6	51.3	59.8	45.5	51.7
10	17.4	2.9	248.6	13.90	57.4	31.5	44.9	98.7	30.0	34.3	0.00	0.07	55.0	51.5	53.2	52.7	50.4	51.6	58.7	45.9	51.3
11	27.4	6.5	226.3	7.41	61.2	31.7	47.9	99.3	33.6	34.5	0.00	0.07	54.0	50.2	52.3	52.2	49.0	50.7	55.0	44.1	49.6
12	25.6	8.7	296.0	12.86	39.1	20.1	30.6	96.3	47.1	22.4	0.05	0.05	53.3	47.1	50.3	52.0	47.1	49.3	49.9	40.1	44.8
13	12.6	3.5	226.1	14.50	44.7	16.1	30.4	97.4	25.4	18.2	0.00	0.06	48.2	44.2	46.3	47.2	43.9	45.5	47.7	37.6	41.1
14	24.5	9.2	210.9	13.24	54.4	33.6	43.6	61.8	26.3	21.9	0.00	0.11	48.6	44.3	46.3	46.7	43.5	45.0	48.9	37.9	42.3
15	18.0	7.5	191.7	3.77	51.8	44.7	48.2	88.4	37.5	34.0	0.00	0.06	49.7	46.6	48.1	48.0	45.4	46.5	49.0	42.1	45.6
16	30.7	13.1	183.3	3.43	66.0	49.3	58.4	95.7	73.1	54.2	0.42	0.04	55.4	49.1	51.8	52.7	47.5	49.6	59.2	48.1	53.3
17	35.5	12.8	241.6	5.80	76.2	53.5	66.0	97.5	22.2	51.5	1.47	0.10	61.2	55.0	58.7	57.9	52.0	55.5	67.3	53.1	61.0
18	24.3	5.3	277.2	12.96	57.3	30.9	45.6	96.9	27.3	33.3	0.00	0.08	57.7	52.0	54.7	56.0	51.1	53.1	56.9	45.6	51.1
19	11.3	2.2	151.6	8.43	46.7	26.6	35.8	98.0	42.4	27.9	0.00	0.04	52.3	48.7	50.2	51.5	47.9	49.2	50.7	40.7	44.9
20	15.2	3.3	160.4	10.05	54.8	24.4	39.0	99.4	37.8	30.9	0.00	0.05	50.4	46.1	48.4	48.5	45.6	47.2	50.8	39.0	44.4
21	19.0	5.2	197.1	0.91	53.6	40.9	51.0	98.6	56.3	46.0	0.94	0.02	52.3	48.6	50.3	50.4	47.4	48.6	52.0	45.3	49.0
22	22.9	9.0	277.2	1.57	52.3	37.5	43.9	98.8	83.9	41.8	0.04	0.01	52.6	49.2	51.5	50.8	48.5	50.0	52.4	45.5	49.9
23	25.5	9.9	272.9	8.69	39.0	21.3	31.4	92.2	41.6	21.6	0.00	0.05	50.0	44.7	47.8	49.0	44.6	47.0	45.9	38.8	42.4
24	13.5	4.7	99.0	12.06	31.3	15.7	23.9	80.4	37.5	11.9	0.00	0.04	44.9	41.8	43.1	44.9	41.5	42.7	38.8	36.5	37.2
25	14.1	4.7	190.2	3.20	35.5	27.4	32.0	78.2	45.4	19.3	0.01	0.03	44.1	41.8	42.9	43.1	41.2	42.0	38.1	36.9	37.4
26	32.9	8.5	333.0	4.74	41.6	24.5	34.4	83.2	51.3	24.2	0.00	0.04	45.0	42.9	43.8	43.7	42.1	42.8	43.3	38.1	39.8
27	24.9	8.4	303.6	12.21	29.4	15.0	22.1	89.4	36.7	9.3	0.00	0.04	43.1	39.3	40.7	42.8	39.1	40.5	38.2	35.8	36.4
28	26.9	6.3	211.2	11.61	43.9	15.3	29.6	96.3	40.9	18.6	0.00	0.05	41.2	38.1	39.3	39.6	37.7	38.6	35.8	34.9	35.1
29	9.5	1.9	176.8	11.82	50.4	18.3	31.5	98.6	36.2	23.8	0.00	0.05	42.1	38.1	39.6	39.7	37.7	38.6	38.9	35.1	36.3
30	21.3	7.4	192.8	11.37	54.7	23.7	41.9	97.4	38.8	29.2	0.00	0.08	43.2	38.7	40.9	41.2	38.0	39.5	45.4	36.2	39.7
TOT				279.36							3.45	1.82									
AVG		6.5	223.8	9.3	52.7	31.8	41.9	92.9	42.4	32.1		0.06	52.2	48.2	50.2	50.5	47.3	48.8	51.8	43.0	47.0
MAX	35.5				76.2			100.6					63.6			61.9			67.3		
MIN						15.0			22.2					38.1			37.7			34.9	

KEY: M = missing data
E = estimated data

Illinois Climate Network (ICN)
December 2013
Monthly Summary For Carbondale

DAY	MAX WIND SPEED MPH	AVG WIND SPEED MPH	DIR WIND AVG	TOTAL SOLAR RAD MJ/M*M	MAX AIR TEMP OF	MIN AIR TEMP OF	AVG AIR TEMP OF	MAX REL HUM %	MIN REL HUM %	AVG DEW POINT OF	TOTAL PRECIP IN	TOTAL EVAP IN	MAX 4" SOIL TEMP UNDER SOD OF	MIN 4" SOIL TEMP UNDER SOD OF	AVG 4" SOIL TEMP UNDER SOD OF	MAX 8" SOIL TEMP UNDER SOD OF	MIN 8" SOIL TEMP UNDER SOD OF	AVG 8" SOIL TEMP UNDER SOD OF	MAX 4" SOIL TEMP UNDER SOIL OF	MIN 4" SOIL TEMP UNDER SOIL OF	AVG 4" SOIL TEMP UNDER SOIL OF
													SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOD OF	SOIL TEMP UNDER SOIL OF	SOIL TEMP UNDER SOIL OF	SOIL TEMP UNDER SOIL OF	
1	12.9	2.8	236.8	8.61	60.9	32.1	46.6	99.3	47.7	37.2	0.00	0.06	47.4	42.0	44.3	44.7	40.5	42.3	53.1	40.5	45.4
2	12.9	2.6	209.4	6.21	60.1	30.3	43.6	100.0	61.8	40.0	0.00	0.04	47.8	43.4	45.5	45.4	42.1	43.6	51.9	40.8	45.5
3	15.3	4.5	169.4	5.19	61.2	37.9	44.0	98.8	63.9	40.4	0.02	0.03	50.0	45.5	47.7	47.5	43.9	45.6	54.4	44.3	49.0
4	29.3	9.3	203.6	4.55	67.9	48.3	44.5	98.6	67.8	40.9	0.04	0.05	53.5	47.7	50.6	50.7	45.8	48.0	57.9	47.0	53.5
5	23.0	9.6	328.2	1.37	53.0	23.1	45.3	98.7	70.4	41.6	1.11	0.02	53.2	45.8	49.3	50.5	45.1	48.1	55.7	40.1	46.3
6	21.6	9.5	220.7	1.89	23.4	16.6	20.5	98.5	95.5	19.8	0.53	0.00	46.3	44.0	45.0	45.5	42.9	44.0	40.1	37.6	38.6
7	13.6	5.9	183.5	10.42	18.9	3.5	14.2	95.7	69.6	10.1	0.00	0.02	44.8	43.2	43.9	43.7	42.1	42.7	38.6	37.0	37.3
8	14.0	5.5	138.0	3.96	29.4	18.7	24.9	97.5	77.0	22.2	0.02	0.02	43.9	42.6	43.2	43.3	41.3	42.0	37.0	36.7	36.9
9	17.6	6.1	272.8	9.41	29.7	21.0	26.3	94.2	55.4	19.4	0.01	0.03	43.2	41.9	42.6	41.9	40.7	41.2	36.7	36.5	36.6
10	15.6	5.4	242.1	12.15	34.8	8.9	24.7	97.1	42.8	17.8	0.00	0.04	42.7	41.3	42.0	41.4	40.1	40.7	36.7	36.4	36.5
11	19.5	6.6	269.7	11.78	33.0	10.6	24.7	91.5	58.7	18.4	0.00	0.04	41.9	41.2	41.6	40.6	40.0	40.4	34.6	33.9	35.5
12	18.2	4.5	234.7	12.05	31.9	-1.2	17.2	91.6	28.5	5.3	0.00	0.04	41.7	40.2	40.8	40.5	39.0	39.7	33.9	33.3	33.5
13	21.3	5.6	174.9	4.35	38.5	17.3	30.5	96.1	46.4	22.4	0.09	0.03	40.8	40.0	40.5	39.6	38.8	39.3	34.1	33.2	33.3
14	25.7	7.9	250.1	3.34	35.9	29.5	33.5	100.2	83.5	31.7	0.53	0.02	40.9	40.0	40.4	39.6	38.7	39.1	33.6	33.3	33.4
15	21.3	8.1	254.3	5.73	33.8	26.4	29.5	89.9	71.5	25.2	0.00	0.02	40.7	39.8	40.2	39.5	38.5	38.9	33.8	33.3	33.5
16	16.2	5.5	215.9	10.43	48.1	29.0	37.5	99.3	53.5	31.3	0.00	0.05	41.0	39.6	40.2	39.4	38.3	38.8	38.4	33.8	35.0
17	21.4	5.3	299.9	9.18	44.4	26.2	32.8	97.1	48.2	26.6	0.00	0.04	40.4	39.3	39.9	39.7	38.1	38.6	40.6	34.1	35.9
18	23.9	7.1	210.4	11.19	49.0	20.4	36.8	97.7	32.8	24.5	0.00	0.07	40.3	37.8	39.1	38.7	37.0	37.9	38.6	34.2	35.7
19	32.2	13.6	198.8	7.79	57.9	46.2	52.2	75.6	58.0	42.6	0.00	0.08	45.8	39.5	42.3	43.1	38.0	40.1	46.8	36.5	41.9
20	30.4	11.9	227.0	1.98	64.8	43.9	58.5	97.5	72.8	54.2	1.10	0.04	51.7	45.1	48.5	48.7	42.7	45.5	54.5	46.7	51.0
21	27.6	6.7	218.9	0.68	44.2	35.0	38.5	99.2	95.3	38.2	4.15	0.00	51.0	45.2	47.6	48.7	43.9	46.0	50.9	41.4	45.2
22	18.2	8.2	281.6	2.05	42.4	31.8	37.1	99.7	68.9	33.8	0.00	0.02	46.0	43.6	44.9	44.0	42.2	43.4	42.9	38.4	41.1
23	19.5	8.8	324.2	6.92	32.0	19.7	27.5	88.1	61.1	20.3	0.00	0.03	44.0	40.1	42.0	42.9	39.5	41.0	38.4	35.2	36.5
24	19.7	5.2	220.8	11.13	26.9	10.0	17.8	87.7	36.4	7.3	0.00	0.03	40.4	37.4	38.6	39.8	36.9	38.1	35.2	33.7	34.2
25	18.0	5.9	213.2	5.05	38.0	19.5	30.1	86.8	54.2	20.9	0.00	0.03	38.2	36.6	37.3	37.4	35.7	36.5	33.7	33.3	33.5
26	13.3	4.6	237.7	11.40	46.7	21.6	34.7	98.1	34.4	26.0	0.00	0.05	38.7	36.6	37.5	36.5	35.6	36.0	33.5	33.2	33.3
27	15.7	5.9	221.3	11.01	53.6	32.4	41.5	81.2	40.0	30.7	0.00	0.06	41.0	36.8	38.5	38.0	35.5	36.3	39.5	33.2	34.8
28	14.5	5.1	200.1	6.39	50.0	29.6	42.5	93.9	40.3	31.2	0.01	0.05	41.7	37.9	39.7	39.2	36.5	37.7	40.7	34.0	37.0
29	22.6	8.8	290.8	3.82	44.9	22.9	34.7	83.6	61.2	28.3	0.00	0.03	41.9	39.5	41.0	40.1	38.5	39.4	41.1	35.0	38.1
30	15.1	4.2	261.1	9.84	28.0	14.1	21.3	86.0	44.0	11.0	0.00	0.03	39.5	37.1	38.1	38.7	36.1	37.2	35.0	33.4	33.9
31	20.3	6.0	221.8	11.22	44.3	18.0	32.5	86.8	33.4	19.5	0.00	0.06	38.3	36.5	37.2	36.9	35.3	36.0	33.5	33.0	33.2
TOT				221.05							7.61	1.12									
AVG		6.7	233.3	7.1	42.8	24.0	33.7	93.7	57.3	27.1		0.04	43.8	40.9	42.3	42.1	39.7	40.8	41.1	36.5	38.6
MAX	32.2				67.9			100.2					53.5			50.7			57.9		
MIN						-1.2			28.5					36.5			35.3			33.0	

KEY: M = missing data
E = estimated data

** For further information on the ICN contact:
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*** 4" SOIL TEMP UNDER SOD was labeled 4" SOIL TEMP prior to May 2013
8" SOIL TEMP UNDER SOD was labeled 8" SOIL TEMP prior to May 2013
4" SOIL TEMP UNDER BARE SOIL was added to the tables in May 2013. For prior data, please contact Jennie Atkins.