

Illinois Climate Network (ICN)  
November 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	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	

Illinois Climate Network (ICN)  
December 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	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	98.7	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	

Illinois Climate Network (ICN)  
 January 2014  
 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	19.1	5.7	207.0	8.05	46.1	30.7	37.8	94.4	52.1	29.7	0.01	0.04	39.9	36.5	38.2	37.5	35.2	36.1	36.2	33.0	34.4
2	28.7	13.1	330.1	5.27	36.6	12.6	21.7	97.6	61.5	15.9	0.00	0.02	39.7	36.7	38.1	37.8	35.9	36.9	36.2	33.4	34.3
3	22.5	7.2	217.7	11.91	28.2	6.6	20.7	90.3	46.4	14.8	0.00	0.04	37.4	35.6	36.4	36.7	34.7	35.5	33.5	32.6	32.9
4	32.8	9.9	189.8	6.66	40.5	25.6	19.8	91.6	39.6	13.8	0.02	0.05	36.2	35.5	35.9	35.3	34.4	34.8	33.0	32.3	32.4
5	33.1	11.3	289.0	1.08	34.1	5.6	19.0	100.1	57.2	12.8	1.46	0.01	36.3	35.4	35.8	35.1	34.1	34.6	32.6	32.4	32.5
6	29.0	10.3	295.6	11.46	5.9	-3.2	0.0	67.7	43.9	-11.8	0.00	0.02	36.3	35.3	35.8	35.1	33.9	34.5	32.5	29.3	31.7
7	24.6	9.8	211.3	11.55	23.5	-1.9	12.1	69.8	45.4	0.9	0.00	0.03	36.0	34.8	35.3	34.5	33.2	33.7	30.6	26.8	28.7
8	23.2	6.8	206.9	5.66	34.6	22.7	27.8	95.3	47.0	18.2	0.03	0.03	35.7	34.7	35.1	33.7	32.9	33.3	31.2	28.2	29.7
9	16.6	5.0	154.0	2.98	34.6	29.1	31.8	99.6	70.3	29.6	0.04	0.01	35.6	34.5	35.0	33.8	32.9	33.3	31.7	31.2	31.4
10	26.1	8.4	163.7	2.56	50.4	32.4	41.0	99.9	88.4	39.8	0.63	0.01	35.5	34.5	35.0	34.0	32.7	33.3	31.6	31.4	31.5
11	22.0	9.0	255.9	8.25	51.4	36.8	44.3	96.5	44.7	36.3	0.02	0.05	38.1	35.0	36.6	33.8	32.9	33.3	31.8	31.5	31.6
12	30.4	10.5	204.0	11.94	53.3	25.9	42.7	99.4	40.5	31.6	0.00	0.09	39.5	35.3	36.9	34.3	33.1	33.5	32.1	31.6	31.7
13	38.5	12.0	248.1	7.49	58.4	30.4	50.8	88.9	39.5	36.7	0.00	0.09	43.4	38.5	40.8	40.2	33.7	37.1	43.4	31.7	36.5
14	23.0	6.1	266.3	5.61	48.7	25.4	37.8	98.0	42.2	27.1	0.00	0.05	41.5	38.3	39.9	39.8	37.0	38.4	39.7	34.4	36.7
15	17.4	6.7	283.5	8.52	32.5	18.4	26.6	89.8	43.2	14.8	0.00	0.04	39.7	36.7	37.9	38.3	35.6	36.8	35.4	33.4	34.0
16	29.2	9.3	228.0	8.24	47.3	23.0	35.4	76.9	40.1	21.1	0.00	0.06	38.0	36.0	37.0	36.6	34.8	35.6	33.6	33.0	33.2
17	22.3	10.9	281.2	4.96	22.4	12.9	22.1	90.9	54.7	10.9	0.00	0.04	36.7	35.7	36.6	35.6	34.8	35.4	33.1	32.7	33.0
18	32.0	8.7	225.9	4.42	43.1	13.0	29.5	88.3	37.5	18.0	0.01	0.04	36.3	35.3	35.8	35.8	34.3	34.8	32.8	32.4	32.5
19	31.3	11.3	251.2	12.58	43.4	24.3	35.4	84.2	44.3	23.8	0.00	0.07	36.1	35.1	35.7	35.5	34.0	34.5	32.6	32.4	32.4
20	21.5	5.1	210.8	12.80	54.6	28.0	42.6	91.0	37.3	28.2	0.00	0.08	40.2	35.6	37.3	36.4	34.2	34.8	38.4	32.4	34.1
21	40.5	10.9	307.9	8.61	39.2	10.3	19.8	93.6	61.2	13.5	0.00	0.02	38.8	36.0	37.2	36.3	34.9	35.6	35.5	33.0	33.7
22	22.2	6.1	215.8	5.84	30.6	13.8	20.7	85.5	49.1	11.9	0.00	0.03	36.5	35.4	35.9	35.4	34.5	34.9	33.0	32.5	32.7
23	26.2	9.2	318.5	8.78	22.1	1.0	9.2	87.3	50.0	-0.9	0.00	0.02	36.1	34.6	35.4	35.0	33.7	34.4	32.5	30.9	32.1
24	30.8	10.7	198.4	13.61	29.1	-0.3	15.4	88.0	31.9	0.8	0.00	0.05	35.4	34.2	34.7	34.3	33.0	33.8	31.0	27.9	29.9
25	40.2	11.5	269.6	8.50	49.2	17.5	34.5	78.0	21.8	11.8	0.00	0.09	35.0	34.0	34.5	34.1	32.9	33.5	31.4	30.1	30.9
26	39.9	9.3	219.3	12.93	58.3	18.3	41.4	78.5	29.1	21.5	0.00	0.11	34.9	34.0	34.5	33.9	32.8	33.4	31.6	30.5	31.2
27	34.1	13.2	291.1	10.36	34.7	8.9	18.0	69.2	30.2	-0.9	0.00	0.05	35.1	34.2	34.6	34.1	33.0	33.3	31.8	29.1	31.4
28	15.4	4.9	186.7	11.82	18.8	1.6	9.3	85.4	24.1	-7.0	0.00	0.03	35.0	33.9	34.4	33.7	32.6	33.2	30.6	24.9	28.0
29	19.7	6.8	210.1	14.46	31.0	0.8	17.7	86.9	29.2	1.1	0.00	0.05	34.7	33.6	34.1	33.5	32.4	32.8	31.7	22.7	26.8
30	43.0	13.4	201.2	11.09	40.7	21.4	31.5	51.6	24.2	7.9	0.00	0.09	34.7	33.4	33.9	33.0	31.9	32.6	31.0	25.3	28.3
31	14.9	4.4	169.6	5.05	45.3	25.2	36.6	99.5	29.0	19.6	0.03	0.05	34.4	33.5	34.0	33.6	32.3	32.6	31.3	30.1	30.9
TOT				263.05							2.25	1.49									
AVG		9.0	235.7	8.5	38.3	16.7	27.5	87.5	43.7	15.9		0.05	37.1	35.2	36.1	35.4	33.8	34.5	33.3	30.8	32.0
MAX	43.0				58.4			100.1					43.4			40.2			43.4		
MIN						-3.2			21.8					33.4			31.9			22.7	

Illinois Climate Network (ICN)  
February 2014  
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	MAX	MIN	AVG
	WIND SPEED MPH	WIND SPEED MPH	WIND o	SOLAR RAD MJ/M*M	AIR TEMP oF	AIR TEMP oF	AIR TEMP oF	REL HUM %	REL HUM %	DEW POINT oF			TEMP UNDER SOD oF	TEMP UNDER SOD oF	TEMP UNDER SOD oF	TEMP UNDER SOD oF	TEMP UNDER SOD oF	TEMP UNDER SOD oF	TEMP UNDER SOD oF	TEMP UNDER SOD oF	TEMP UNDER SOD oF
1	32.5	9.7	243.9	2.79	53.6	31.7	43.2	99.5	71.2	40.1	0.57	0.03	34.9	33.6	34.1	33.5	32.1	32.7	31.6	31.2	31.4
2	18.7	8.5	292.7	2.10	31.9	22.1	26.4	99.4	81.4	24.3	0.03	0.01	35.0	33.6	34.1	33.0	32.2	32.7	31.8	31.5	31.6
3	17.5	5.5	188.0	14.66	31.3	12.4	26.0	96.5	57.6	23.7	0.00	0.04	34.7	33.9	34.2	33.4	32.4	32.8	31.9	31.6	31.7
4	22.4	7.1	94.5	1.64	30.0	20.9	25.6	99.5	79.0	23.2	0.38	0.01	35.0	33.9	34.3	33.7	32.5	32.9	31.9	31.6	31.7
5	23.9	10.9	320.9	4.46	27.0	16.5	25.1	99.3	73.9	22.6	0.00	0.02	34.8	33.9	34.4	33.5	32.5	33.0	31.8	31.6	31.7
6	16.6	6.8	308.0	11.12	16.7	4.4	11.2	83.5	53.5	3.1	0.00	0.02	35.1	34.1	34.5	33.5	32.6	33.0	31.7	29.0	30.9
7	9.3	2.7	182.9	13.73	22.7	1.4	13.6	86.9	37.6	4.3	0.02	0.04	35.2	34.0	34.5	34.0	32.5	32.9	32.3	27.4	29.3
8	11.1	4.1	169.9	5.81	30.7	19.1	25.3	88.2	69.8	19.9	0.01	0.02	35.0	34.1	34.5	33.4	32.4	32.9	31.0	29.7	30.3
9	16.0	5.7	185.6	5.49	31.5	19.7	26.9	92.1	71.0	22.5	0.00	0.02	35.0	34.0	34.5	33.1	32.3	32.9	31.3	30.9	31.1
10	18.4	8.7	164.2	12.57	20.0	7.4	13.9	79.7	52.6	4.2	0.00	0.03	35.0	34.0	34.5	33.3	32.5	32.9	31.1	27.2	29.7
11	12.1	5.4	33.5	16.18	23.0	2.7	11.9	78.0	44.1	1.2	0.00	0.04	34.9	33.8	34.3	33.4	32.4	32.8	30.4	24.5	27.5
12	10.2	2.6	195.8	16.04	35.6	5.4	20.0	90.0	45.4	11.4	0.00	0.05	34.6	33.7	34.1	33.3	32.2	32.8	30.9	24.4	28.0
13	19.7	5.6	231.5	16.78	47.4	11.5	30.8	94.8	26.8	19.1	0.00	0.08	34.7	33.5	34.1	33.7	32.2	32.7	31.2	25.8	29.2
14	29.1	8.6	271.7	2.15	38.8	20.4	30.0	96.9	66.2	25.9	0.19	0.02	34.5	33.7	34.1	33.1	32.4	32.7	31.5	31.1	31.3
15	18.0	5.1	235.2	10.03	29.8	12.7	23.1	89.4	59.4	15.5	0.00	0.04	34.6	33.6	34.1	33.6	32.3	32.7	31.3	25.7	29.3
16	16.1	5.9	192.5	6.54	33.1	22.5	28.9	92.1	71.5	23.6	0.00	0.03	34.4	33.5	34.1	33.2	32.1	32.7	31.2	28.5	30.2
17	23.7	8.6	196.9	5.28	49.9	26.8	37.5	94.9	49.8	29.6	0.18	0.04	35.1	33.7	34.1	33.2	32.3	32.7	31.3	30.5	31.0
18	34.1	8.9	205.1	13.76	56.7	37.0	49.1	86.0	30.7	31.6	0.01	0.11	34.7	33.7	34.1	33.2	32.1	32.7	31.7	31.3	31.4
19	19.0	5.4	201.9	10.93	56.3	38.9	48.4	87.0	45.5	36.3	0.01	0.08	34.5	33.6	34.2	33.1	32.1	32.7	33.4	31.5	32.0
20	45.6	15.8	214.5	2.42	69.4	39.0	56.5	95.2	51.4	47.8	0.16	0.07	41.3	33.6	36.9	35.3	32.3	33.1	41.4	32.4	36.8
21	26.5	12.3	238.2	18.32	55.1	36.9	45.5	63.1	19.6	22.0	0.00	0.14	41.7	36.9	39.3	37.9	34.1	35.8	41.1	31.7	35.1
22	27.1	8.0	208.9	16.98	64.8	37.8	51.0	75.0	17.4	26.5	0.00	0.15	45.0	38.4	41.4	40.8	36.1	38.0	48.1	33.4	39.8
23	22.9	8.5	161.8	12.56	42.1	26.1	35.2	90.8	36.6	23.7	0.00	0.06	43.2	39.6	41.2	40.4	37.7	38.8	43.2	35.4	38.3
24	14.2	4.9	137.4	17.06	39.8	19.9	30.5	85.8	25.9	14.2	0.00	0.07	40.8	37.3	39.0	38.4	36.1	37.1	41.6	33.6	36.1
25	17.5	7.0	227.1	12.50	35.3	23.7	29.8	81.3	51.9	19.0	0.00	0.05	40.5	37.4	38.8	37.3	35.7	36.6	40.4	33.7	35.9
26	26.5	8.1	304.8	19.00	27.5	14.5	20.1	84.8	28.1	5.5	0.00	0.06	38.4	36.4	37.2	37.2	34.5	35.7	34.5	32.9	33.5
27	23.1	7.7	218.9	19.74	31.5	15.8	25.4	78.8	19.5	5.1	0.00	0.07	36.8	35.6	36.2	35.9	34.2	34.7	33.2	32.5	32.8
28	20.4	6.6	135.4	17.48	47.4	17.1	32.8	71.6	24.1	12.9	0.00	0.09	37.2	35.4	36.1	34.9	33.9	34.3	33.2	32.4	32.7
TOT				308.13							1.55	1.48									
AVG		7.3	205.8	11.0	38.5	20.2	30.1	87.9	48.6	20.0		0.05	36.7	34.7	35.6	34.7	33.2	33.8	34.1	30.5	32.2
MAX	45.6				69.4			99.5					45.0			40.8			48.1		
MIN						1.4			17.4					33.5			32.1			24.4	

Illinois Climate Network (ICN)  
 March 2014  
 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	17.4	3.6	193.7	7.00	51.4	33.0	42.9	79.6	46.3	31.9	0.00	0.05	41.7	36.3	39.0	37.6	33.7	35.3	44.6	33.1	38.5
2	27.9	12.7	178.5	3.06	33.2	9.3	20.9	98.7	78.9	17.9	1.04	0.01	40.8	36.5	38.3	37.6	35.1	36.3	39.2	33.2	34.8
3	24.8	9.4	256.7	19.57	22.0	8.6	19.9	88.1	47.6	17.1	0.02	0.04	37.0	35.2	36.0	35.6	33.9	34.7	34.1	32.6	32.9
4	10.4	2.2	187.1	20.34	40.8	8.1	19.0	93.0	27.2	16.2	0.00	0.07	35.9	34.7	35.2	34.5	33.4	33.9	32.9	32.4	32.5
5	15.7	3.7	151.1	12.73	38.1	18.5	18.2	98.6	59.7	15.4	0.00	0.04	35.4	34.5	35.0	34.1	33.0	33.5	32.5	32.3	32.4
6	14.1	4.1	127.5	20.40	44.2	22.8	31.8	98.6	44.2	23.7	0.00	0.07	35.6	34.6	34.9	34.0	32.9	33.4	32.4	32.2	32.3
7	15.2	4.0	229.6	20.63	54.9	21.3	38.4	98.5	38.9	28.3	0.00	0.10	35.4	34.4	34.9	34.4	32.6	33.3	33.1	32.1	32.3
8	16.5	6.1	292.6	10.76	50.1	30.0	40.0	94.7	57.1	34.2	0.02	0.05	35.6	34.4	34.9	34.0	32.8	33.2	37.2	32.3	34.1
9	16.0	4.4	228.9	17.71	50.1	26.2	37.9	99.1	45.7	30.5	0.00	0.08	40.2	34.7	37.0	35.5	32.9	33.7	47.9	33.3	38.9
10	25.8	10.0	216.8	21.24	65.5	38.0	51.7	94.2	42.3	41.5	0.00	0.13	46.2	37.7	41.8	41.2	34.5	37.0	53.3	35.6	44.0
11	27.7	10.5	208.8	19.94	74.6	48.3	61.9	79.1	31.0	48.2	0.04	0.17	51.5	43.8	47.4	46.2	40.2	42.4	58.6	42.9	50.7
12	35.5	13.9	322.1	7.41	63.3	30.6	40.9	89.2	38.8	31.5	0.08	0.06	51.2	44.2	47.6	46.5	42.5	44.6	53.9	38.9	45.6
13	20.5	6.2	206.8	21.90	56.3	22.8	41.6	97.5	34.0	28.0	0.00	0.12	47.5	41.0	44.4	43.3	39.6	41.5	51.7	35.6	42.6
14	31.6	13.0	218.6	16.41	63.3	46.8	53.8	79.1	37.9	37.0	0.00	0.15	49.4	44.1	46.6	45.5	41.6	43.3	52.5	40.7	45.9
15	18.2	4.2	196.6	21.95	67.9	30.1	50.7	99.4	19.8	33.3	0.00	0.15	51.7	44.3	47.9	46.6	42.5	44.5	56.6	38.9	47.6
16	29.8	11.4	32.0	2.62	51.5	29.4	36.3	99.9	48.7	30.5	0.80	0.02	48.9	42.5	45.8	46.1	41.3	43.9	46.9	36.6	41.8
17	19.7	4.8	177.3	18.72	45.4	26.9	33.4	97.2	54.8	25.3	0.00	0.08	46.6	40.7	43.2	43.5	39.6	41.3	50.3	35.2	40.9
18	26.7	9.9	175.2	21.59	56.3	26.5	44.1	99.6	56.2	36.6	0.00	0.11	48.1	41.7	44.8	44.6	40.0	42.1	51.5	36.0	43.4
19	28.6	11.4	260.1	19.06	54.8	29.9	48.1	97.4	47.8	37.5	0.00	0.11	50.2	46.0	47.7	46.5	43.3	44.7	53.2	42.4	47.4
20	19.7	6.2	222.1	23.17	63.4	26.2	47.2	99.6	25.9	30.6	0.00	0.15	50.9	43.6	47.1	46.7	42.1	44.3	55.6	37.0	45.6
21	30.9	12.3	224.8	18.95	68.3	50.0	59.0	58.9	23.4	33.9	0.00	0.20	52.0	46.6	49.2	48.0	44.1	46.0	55.1	42.5	48.4
22	23.4	9.8	309.0	20.56	55.4	38.0	44.8	77.3	45.1	31.5	0.00	0.11	52.0	47.9	49.8	48.2	45.7	46.9	54.4	43.4	47.9
23	22.4	9.2	196.4	23.20	43.4	24.9	35.8	77.5	27.7	19.0	0.00	0.11	49.2	45.1	47.2	47.2	43.7	45.0	50.9	37.6	43.1
24	22.1	4.6	153.0	19.59	44.0	19.9	33.0	98.4	29.0	20.1	0.02	0.09	47.6	42.1	44.9	44.4	41.1	42.8	49.4	35.5	41.2
25	27.4	9.3	303.3	16.98	41.3	21.8	33.5	98.9	28.3	20.4	0.02	0.07	45.6	42.7	44.5	43.5	41.7	42.5	44.6	36.6	40.0
26	21.6	6.5	181.8	22.91	48.5	16.5	35.8	92.4	25.8	16.4	0.00	0.12	45.8	39.9	42.9	42.9	39.0	41.0	47.5	34.6	39.7
27	37.8	17.0	184.2	9.99	60.1	42.2	52.7	90.4	39.5	38.0	0.07	0.12	48.8	43.4	45.8	45.5	41.3	43.0	49.4	40.0	44.8
28	25.3	8.4	226.9	23.00	59.1	43.6	51.6	97.5	51.9	42.9	0.75	0.13	53.6	48.3	50.6	49.4	45.0	47.2	60.2	46.8	52.4
29	23.3	8.8	296.3	3.06	44.2	30.3	41.5	96.8	70.5	36.8	0.22	0.03	51.4	46.8	49.0	48.8	45.3	46.9	49.4	41.0	45.6
30	12.6	2.8	205.5	24.83	62.2	26.2	43.6	99.8	30.7	32.7	0.00	0.14	51.9	44.0	47.7	48.4	42.7	45.2	58.2	36.8	46.3
31	26.7	10.9	179.4	21.55	70.1	34.7	57.8	97.4	27.8	37.4	0.00	0.20	53.2	47.0	50.1	49.6	45.0	47.0	56.9	41.5	49.3
TOT				530.83							3.07	3.09									
AVG		8.1	211.1	17.1	53.0	28.4	40.9	92.5	41.4	29.8		0.10	46.1	41.2	43.6	42.9	39.4	41.0	48.2	37.1	42.0
MAX	37.8				74.6			99.9					53.6			49.6			60.2		
MIN						8.1			19.8					34.4			32.6			32.1	

Illinois Climate Network (ICN)  
 April 2014  
 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"	4"	4"	8"	8"	8"	4"	4"	4"	
													SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
													TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER	UNDER		
SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	SOD	
°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	
1	19.7	6.1	182.4	18.83	69.8	51.4	58.7	86.6	23.1	41.2	0.23	0.15	55.9	50.7	53.1	51.6	48.2	49.7	62.6	48.0	53.9	
2	17.8	6.4	88.1	9.50	69.2	49.8	57.5	98.2	58.1	50.7	0.39	0.07	56.2	52.2	54.1	52.9	49.4	51.0	59.3	50.1	54.4	
3	42.7	8.3	164.4	4.51	72.6	57.9	58.0	98.1	79.2	51.6	2.14	0.04	59.2	55.5	57.6	55.9	52.5	54.1	62.2	57.4	59.3	
4	34.2	13.7	274.0	17.00	58.2	42.3	58.5	97.7	48.6	52.5	0.40	0.10	58.8	53.9	56.8	56.1	52.4	54.3	58.7	48.2	54.9	
5	15.6	5.2	122.8	24.92	54.3	34.7	59.0	95.7	41.7	53.4	0.00	0.14	57.1	51.5	54.0	53.5	49.8	51.6	61.9	44.9	51.6	
6	17.3	4.7	138.5	20.38	58.3	31.7	47.9	99.2	34.7	35.5	0.00	0.12	55.8	50.7	53.4	52.6	49.1	51.0	59.2	43.4	50.8	
7	27.2	7.9	246.8	2.99	52.2	43.8	46.8	97.1	57.1	42.4	0.67	0.02	54.4	51.1	52.8	52.0	49.4	50.7	51.0	46.1	49.0	
8	20.7	6.8	293.9	12.37	59.8	41.8	51.0	82.8	36.4	40.1	0.25	0.09	53.6	50.0	51.8	51.2	48.1	49.6	54.4	44.7	49.2	
9	21.4	6.9	251.6	26.95	66.1	34.9	53.4	92.9	22.0	34.0	0.00	0.18	56.4	49.0	52.3	53.1	47.5	50.0	61.5	41.9	50.8	
10	36.0	16.0	211.3	24.20	77.4	54.4	65.8	58.0	35.0	44.7	0.00	0.25	58.5	52.1	55.2	55.2	49.8	52.2	62.8	47.4	54.8	
11	13.2	3.8	199.3	17.41	74.2	51.4	62.2	96.8	32.7	46.5	0.00	0.13	59.7	55.5	57.4	56.5	52.9	54.7	63.4	52.1	57.9	
12	37.9	13.9	196.6	23.00	75.8	57.7	68.1	83.1	46.4	54.2	0.00	0.21	62.2	56.5	59.2	58.5	54.2	56.2	66.9	53.7	60.0	
13	35.7	15.5	202.5	9.41	73.5	60.6	68.3	93.9	56.7	58.1	0.57	0.13	62.6	59.7	61.1	59.2	56.8	58.0	64.4	58.3	61.2	
14	28.0	11.7	291.6	3.65	60.8	35.4	48.3	94.7	70.2	44.6	0.09	0.03	62.0	54.9	59.3	59.4	54.1	57.2	60.8	46.3	55.1	
15	26.2	8.1	252.3	28.00	47.1	30.3	38.0	87.1	30.9	23.2	0.00	0.12	55.5	51.2	53.4	54.4	50.5	52.2	56.7	40.3	47.5	
16	21.3	7.8	154.5	25.53	56.6	33.8	44.6	85.2	22.5	26.4	0.00	0.14	55.8	50.1	52.9	52.9	49.1	51.1	57.2	39.8	48.0	
17	20.6	4.8	214.9	26.83	68.1	31.0	51.5	98.5	27.6	36.3	0.00	0.17	58.2	50.5	54.0	55.1	49.3	51.8	62.8	41.2	51.6	
18	14.6	3.1	214.6	25.93	71.2	40.6	56.7	96.2	28.8	43.1	0.00	0.18	60.1	53.2	56.6	57.1	51.7	54.2	68.6	47.9	56.9	
19	13.8	3.7	143.9	26.96	74.7	40.8	58.9	97.7	25.4	42.8	0.00	0.19	61.5	54.8	58.0	58.4	53.1	55.7	69.4	49.0	58.4	
20	14.5	3.6	200.3	24.36	79.0	42.2	61.9	96.8	24.9	44.3	0.00	0.19	63.5	55.8	59.6	60.0	54.4	57.0	70.5	50.1	59.6	
21	15.8	5.0	237.5	9.70	72.8	50.8	64.1	95.6	46.7	53.6	0.03	0.10	62.3	58.8	60.7	59.5	56.5	58.0	64.3	55.0	59.8	
22	21.8	7.9	321.2	28.47	68.4	42.4	60.3	94.5	31.3	46.4	0.01	0.19	64.0	60.1	61.8	60.8	57.5	59.1	70.7	55.3	62.4	
23	19.0	5.2	130.6	27.72	66.8	37.6	54.1	97.5	26.6	37.0	0.00	0.18	62.8	56.9	59.7	60.5	55.7	58.0	68.6	48.7	57.8	
24	30.4	9.8	180.0	23.26	77.6	44.4	63.7	97.7	27.3	44.8	0.86	0.21	63.1	57.6	60.4	60.2	56.0	58.2	67.1	50.6	58.9	
25	25.3	8.0	284.0	28.97	75.9	52.5	62.4	98.0	26.2	46.5	0.08	0.19	64.9	59.9	62.3	62.1	58.0	59.7	72.3	56.4	63.3	
26	18.2	5.3	200.8	18.14	74.9	48.1	65.2	92.1	32.4	47.7	0.00	0.16	64.4	60.4	62.5	61.8	58.5	60.3	67.7	54.6	61.6	
27	29.2	8.9	155.5	13.70	74.9	61.2	68.0	98.0	52.3	58.7	1.11	0.12	65.6	61.3	63.4	62.7	59.3	60.8	68.8	57.8	63.1	
28	27.2	10.1	169.0	13.59	71.0	56.3	64.7	98.0	43.4	59.4	0.99	0.09	66.2	62.7	64.3	63.0	60.6	61.7	67.2	60.7	63.7	
29	33.7	9.5	219.9	18.84	65.9	49.7	58.8	95.3	43.0	45.7	0.00	0.14	64.9	61.4	62.9	62.8	59.8	60.9	62.0	55.5	59.5	
30	23.9	6.5	254.0	9.63	55.0	44.0	50.0	92.0	49.1	40.4	0.00	0.07	62.5	58.8	60.3	60.9	57.3	58.5	57.3	51.9	54.5	
TOT				564.75							7.81	4.12										
AVG		7.8	206.6	18.8	67.4	45.1	57.5	93.2	39.3	44.9		0.14	60.3	55.2	57.7	57.3	53.4	55.2	63.4	49.9	56.3	
MAX	42.7				79.0			99.2					66.2			63.0			72.3			
MIN						30.3			22.0					49.0			47.5			39.8		

Illinois Climate Network (ICN)  
 May 2014  
 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	25.9	6.8	261.9	18.70	59.6	42.0	50.9	96.2	41.0	38.6	0.00	0.12	60.3	56.6	58.5	58.2	55.0	56.7	59.7	47.8	53.8
2	19.4	4.2	261.7	21.64	64.4	38.4	50.8	98.2	35.9	40.8	0.00	0.12	61.5	55.5	58.4	58.5	54.7	56.5	62.2	47.7	55.1
3	16.2	4.2	209.0	24.34	76.3	44.2	51.0	96.6	29.8	41.0	0.00	0.18	65.1	57.3	60.8	61.3	55.7	58.0	69.7	51.8	59.6
4	17.2	4.9	234.3	29.21	85.8	48.6	51.5	97.2	22.3	41.1	0.00	0.26	69.1	59.6	63.7	63.8	57.9	60.7	75.4	54.2	64.4
5	23.0	9.4	215.6	26.96	85.4	66.7	52.0	98.7	28.9	41.1	0.00	0.29	70.7	63.6	66.6	65.8	61.3	63.4	75.4	59.9	66.7
6	25.5	8.5	200.2	28.71	83.7	63.9	74.5	96.3	28.9	54.2	0.00	0.27	71.8	64.5	67.9	67.5	62.1	64.7	77.1	59.5	67.3
7	28.8	13.2	200.6	24.85	82.5	69.4	75.4	96.7	37.9	57.9	0.00	0.26	71.4	66.1	68.6	67.4	63.9	65.6	74.6	62.1	67.6
8	35.5	11.4	202.1	21.06	82.8	65.9	75.1	95.8	51.6	62.5	0.30	0.21	72.4	67.3	69.8	68.3	64.8	66.5	76.9	64.3	69.8
9	21.3	8.4	193.6	18.10	75.1	63.8	67.3	97.6	64.5	63.0	1.14	0.12	72.6	68.2	70.1	68.5	65.7	67.2	76.0	65.5	69.5
10	16.5	4.8	215.7	22.13	82.0	65.0	72.1	97.3	47.1	65.1	0.09	0.16	75.1	68.5	71.4	70.6	65.9	68.1	80.2	65.5	71.7
11	25.4	5.1	180.4	17.81	80.6	64.4	72.6	97.5	69.0	68.4	0.77	0.13	75.7	70.0	72.6	71.8	67.6	69.5	78.5	66.7	72.7
12	23.0	9.0	191.1	12.40	81.6	70.8	74.4	96.2	68.7	68.3	0.00	0.12	75.6	71.5	73.2	71.7	69.0	70.3	77.8	68.8	72.4
13	20.2	6.8	284.5	7.45	73.1	52.8	63.1	97.7	78.8	61.0	0.85	0.05	73.8	69.0	71.6	70.9	67.5	69.3	72.8	62.6	68.7
14	22.3	8.9	245.7	3.57	53.2	47.0	50.3	96.7	81.9	48.6	1.30	0.02	69.9	62.7	65.8	68.4	61.8	64.7	62.6	55.4	59.0
15	25.6	5.9	266.7	22.65	63.5	46.5	52.2	97.6	36.8	45.3	0.09	0.13	67.3	61.1	63.9	64.5	60.2	62.3	69.5	53.4	60.0
16	22.9	6.2	272.3	26.53	59.4	40.6	50.1	97.7	33.1	39.4	0.00	0.14	65.8	61.0	63.2	64.1	60.4	62.1	64.7	51.4	58.3
17	11.6	2.8	132.9	30.83	62.8	37.0	51.9	98.6	33.0	38.8	0.00	0.18	67.1	59.6	63.2	64.6	59.1	61.9	71.5	50.0	60.4
18	18.9	3.6	122.2	31.29	67.3	38.8	54.4	98.2	31.6	41.0	0.00	0.19	67.6	60.7	64.1	65.8	60.4	63.0	71.7	52.1	61.7
19	25.6	7.6	172.5	24.30	76.3	43.7	63.7	97.8	54.9	54.1	0.00	0.18	69.3	61.5	65.5	66.7	61.1	63.8	72.6	53.9	63.4
20	29.5	12.3	211.7	29.43	81.6	63.5	74.6	98.2	51.6	60.8	0.00	0.26	72.5	65.6	69.0	69.7	63.9	66.5	77.3	61.8	69.2
21	18.6	7.3	222.7	26.57	84.7	68.6	76.1	98.5	55.8	65.4	0.00	0.22	75.4	68.1	71.7	72.1	66.4	68.9	81.8	64.9	72.9
22	26.6	5.0	238.4	26.20	84.8	63.9	75.9	95.3	32.5	62.8	0.19	0.22	76.6	70.5	73.6	73.2	68.7	70.7	82.9	68.1	74.9
23	11.6	2.9	151.8	26.32	81.2	62.2	70.3	97.7	35.9	58.0	0.02	0.20	76.8	71.1	73.7	73.4	69.3	71.3	81.5	67.8	73.9
24	16.4	3.6	149.5	22.56	79.4	60.0	69.8	95.0	41.0	57.2	0.00	0.18	75.8	70.9	73.3	72.9	69.0	71.1	79.5	66.0	72.4
25	20.4	4.1	145.2	25.11	84.3	62.5	72.3	97.5	50.5	63.5	0.14	0.20	78.5	71.4	74.6	74.3	69.5	71.8	84.1	67.3	74.7
26	14.8	3.4	231.3	24.34	86.3	60.6	73.5	98.1	47.9	66.2	0.00	0.19	78.7	72.0	75.3	75.0	70.3	72.6	85.0	66.7	75.5
27	22.3	4.0	213.5	19.63	84.0	64.6	72.6	97.7	50.7	64.4	0.00	0.16	78.1	73.4	75.7	74.5	71.4	73.1	83.1	69.5	75.2
28	13.5	2.9	213.2	23.23	81.4	61.9	71.9	97.8	54.1	65.3	0.00	0.17	79.3	72.5	75.8	75.2	70.7	72.9	82.7	68.2	75.3
29	20.0	1.8	202.3	15.37	81.7	63.5	71.2	98.0	58.9	67.4	0.13	0.12	78.5	73.3	76.0	74.5	71.3	73.0	81.7	69.3	74.5
30	29.3	2.3	199.6	19.32	85.7	65.1	72.1	98.3	48.3	67.2	1.02	0.15	80.3	73.7	76.4	75.4	71.6	73.5	84.4	69.6	75.4
31	18.0	3.3	171.4	28.58	87.0	63.4	75.4	98.4	47.6	67.5	0.00	0.22	82.1	73.2	77.2	77.1	71.4	74.1	86.3	68.4	77.3
TOT				699.22							6.03	5.41									
AVG		6.0	206.9	22.6	77.3	57.1	65.4	92.7	46.8	56.0		0.17	72.7	66.5	69.4	69.2	64.8	66.9	76.1	61.3	68.2
MAX	35.5				87.0			98.6					82.1			77.1			86.3		
MIN						37.0			22.3					55.5			54.7			47.7	

Illinois Climate Network (ICN)  
 June 2014  
 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	24.3	4.7	193.6	18.00	84.0	65.8	74.2	98.2	60.6	69.4	0.53	0.14	80.1	75.6	77.7	76.3	73.5	75.0	82.0	71.3	76.7
2	23.7	8.5	210.8	12.63	79.4	70.7	74.4	95.1	76.6	70.5	0.16	0.10	78.9	75.7	77.2	75.8	73.1	74.4	79.5	72.1	75.3
3	13.9	5.7	211.5	26.58	86.6	71.0	74.3	95.1	56.8	70.5	0.00	0.21	82.8	75.2	78.4	78.6	73.0	75.2	86.6	71.2	78.5
4	31.6	7.1	222.4	16.92	85.2	70.2	74.3	97.6	63.7	70.5	0.55	0.14	81.1	76.9	78.9	77.5	74.6	76.1	83.8	73.8	77.6
5	14.0	5.0	109.1	11.16	72.4	65.4	74.3	97.7	74.2	70.5	0.00	0.09	78.9	75.9	77.2	76.7	73.6	74.9	76.7	71.4	73.9
6	10.4	2.5	141.9	18.11	81.2	63.0	72.5	97.9	58.8	66.1	0.00	0.14	79.8	74.0	76.8	76.4	72.5	74.2	82.1	69.2	75.0
7	19.9	6.1	194.7	16.00	79.5	66.3	72.4	97.8	64.9	67.8	0.07	0.12	78.7	75.1	77.1	76.1	73.3	74.6	80.2	71.1	75.1
8	24.5	6.2	251.0	17.85	76.5	65.9	70.3	96.4	56.9	61.7	0.00	0.15	77.9	73.8	76.0	75.4	72.5	73.9	78.5	68.9	73.3
9	17.3	5.9	124.5	10.52	73.7	65.0	69.2	96.7	64.4	64.6	0.18	0.09	77.2	74.1	75.4	74.9	72.2	73.3	75.4	69.5	72.1
10	14.5	4.8	190.1	8.11	72.2	64.9	68.9	97.6	85.7	67.1	0.34	0.06	75.9	73.5	74.6	73.4	71.4	72.4	74.8	69.3	71.6
11	16.6	4.5	263.4	23.89	78.9	63.4	70.2	98.1	54.4	63.8	0.00	0.17	77.8	72.9	75.1	74.6	71.1	72.8	80.3	68.2	73.8
12	13.7	3.0	284.1	23.37	81.7	59.1	70.7	98.3	50.7	64.1	0.05	0.17	78.4	72.8	75.7	75.3	71.6	73.6	83.1	67.2	75.2
13	20.1	5.4	266.7	32.36	75.6	52.7	67.6	97.4	36.0	55.8	0.00	0.22	79.1	74.3	76.3	76.0	72.5	74.3	81.3	68.3	74.7
14	16.2	4.7	174.7	32.56	80.0	48.3	66.7	98.6	33.8	53.2	0.00	0.24	79.2	70.6	74.6	75.3	70.5	73.0	81.3	62.0	71.9
15	26.2	7.3	190.3	21.50	84.1	61.4	74.1	94.6	59.5	64.4	0.00	0.18	77.7	72.2	75.0	75.0	71.5	73.2	79.0	65.3	73.1
16	20.8	7.4	202.7	29.65	89.6	71.7	81.1	89.7	48.0	69.1	0.00	0.26	81.8	74.4	77.7	78.1	72.6	74.8	87.0	71.1	78.7
17	21.6	8.1	207.5	29.55	90.2	75.2	81.7	82.9	46.8	69.0	0.00	0.26	83.1	76.7	79.5	79.0	74.7	76.6	87.4	73.2	79.9
18	21.5	6.8	208.3	28.75	90.5	73.2	81.7	87.1	47.6	69.8	0.00	0.25	84.3	77.5	80.3	79.8	75.6	77.4	88.2	73.4	80.6
19	16.9	4.8	220.5	28.09	90.0	70.8	81.0	94.1	48.9	70.8	0.00	0.24	85.4	77.9	81.2	81.4	75.7	78.3	88.7	73.7	81.3
20	22.8	5.3	253.9	27.33	91.4	70.2	79.8	93.1	48.8	69.4	0.01	0.23	86.4	78.9	81.9	81.8	76.9	79.1	89.8	75.3	81.7
21	27.2	2.6	275.9	29.83	90.6	67.3	78.7	97.1	36.4	67.3	0.00	0.24	87.1	78.6	82.4	82.8	76.9	79.6	91.1	74.0	82.2
22	14.8	2.7	205.5	19.24	83.7	68.3	76.2	97.4	50.4	68.7	0.00	0.15	83.8	79.3	81.6	80.7	77.5	79.2	86.1	75.1	80.4
23	28.6	5.9	207.3	27.90	89.3	67.6	78.0	97.8	48.1	69.7	0.01	0.23	85.3	77.9	81.3	81.4	76.4	78.7	90.9	73.6	81.4
24	13.1	3.2	265.7	17.26	84.1	68.2	74.1	97.9	56.3	69.4	2.51	0.13	82.6	76.9	79.9	80.2	76.1	78.1	83.9	73.9	78.3
25	15.5	3.4	260.5	30.64	87.3	66.0	77.2	96.7	37.4	66.3	0.00	0.24	84.1	76.7	80.5	81.1	75.2	78.1	86.8	71.9	79.7
26	20.1	3.2	206.3	25.51	87.0	68.5	76.3	97.7	43.7	68.5	0.00	0.21	85.0	78.4	81.5	81.1	76.4	78.9	87.9	74.6	80.6
27	18.4	4.8	175.9	14.69	83.9	69.3	74.7	96.3	61.9	70.1	0.02	0.12	82.4	78.8	80.7	80.1	76.4	78.2	83.1	74.4	78.0
28	32.0	8.8	193.8	24.69	84.9	70.1	77.3	96.4	63.6	70.5	0.00	0.20	83.2	78.0	80.5	79.9	75.5	77.8	84.7	73.0	78.5
29	24.3	8.5	199.6	13.43	80.2	69.9	73.6	95.4	70.3	69.4	0.11	0.11	81.3	77.7	79.6	79.7	75.6	77.2	80.6	73.9	76.4
30	23.7	8.9	212.1	25.14	89.0	72.1	80.6	95.9	62.4	73.9	0.01	0.21	85.1	77.8	81.1	80.9	75.5	78.0	83.9	73.7	78.7
TOT				661.24							4.53	5.31									
AVG		5.5	210.8	22.0	83.4	66.7	74.9	95.8	55.6	67.4		0.18	81.5	75.9	78.5	78.2	74.1	76.0	83.5	71.4	77.1
MAX	32.0				91.4			98.6					87.1			82.8			91.1		
MIN						48.3			33.8					70.6			70.5			62.0	



Illinois Climate Network (ICN)  
 July 2014  
 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	24.6	6.5	228.5	21.25	88.2	66.3	77.1	98.0	59.0	70.7	1.38	0.18	85.9	78.9	81.5	81.2	76.8	78.9	84.7	75.7	78.9
2	18.5	5.2	284.7	29.92	78.4	63.6	72.1	98.0	42.7	62.7	0.00	0.22	84.2	76.9	80.3	80.6	75.3	77.9	81.5	73.7	77.2
3	16.8	3.5	278.5	18.28	75.3	56.4	71.8	98.0	56.2	62.3	0.00	0.12	79.8	75.6	77.5	78.2	74.0	75.5	76.2	70.8	73.4
4	13.9	2.2	165.2	26.34	81.6	55.9	71.4	98.5	36.3	61.9	0.00	0.19	79.8	72.7	76.5	77.2	71.6	74.5	78.6	68.3	73.6
5	13.4	2.5	215.5	29.37	80.2	53.2	71.0	98.5	37.3	61.4	0.00	0.21	81.6	72.6	76.7	78.5	71.6	74.9	80.1	68.2	74.3
6	19.9	6.8	207.9	25.36	83.7	60.1	74.2	97.1	57.8	64.8	0.00	0.21	81.7	74.2	77.9	78.8	72.9	75.7	80.5	70.7	75.5
7	26.3	8.5	214.3	22.11	87.0	71.9	79.5	88.9	64.0	70.5	0.00	0.20	83.1	76.2	79.5	79.9	74.4	77.0	82.9	73.2	77.5
8	28.1	6.2	256.3	23.12	86.0	65.8	76.4	97.3	53.9	68.1	0.40	0.19	83.1	77.0	80.0	80.4	75.4	77.7	81.5	73.9	77.7
9	13.4	3.4	273.0	30.51	84.3	61.9	73.9	98.1	38.2	63.6	0.00	0.23	83.6	75.8	79.7	80.8	74.2	77.5	82.3	72.2	77.4
10	9.6	1.8	182.8	24.81	83.1	61.0	72.0	98.2	42.0	62.6	0.00	0.19	82.8	76.6	79.7	80.2	74.7	77.7	81.8	72.8	77.4
11	12.5	2.9	203.6	29.00	86.8	59.5	75.0	98.4	47.3	65.8	0.00	0.23	84.3	75.7	79.9	81.5	74.4	77.8	83.2	72.9	78.1
12	14.9	5.4	207.0	23.49	90.3	70.2	80.9	95.3	57.3	72.9	0.00	0.20	85.7	78.5	81.9	82.5	76.5	79.4	84.3	76.2	80.0
13	21.4	4.8	216.3	23.60	91.3	74.0	82.1	95.9	50.9	73.1	0.02	0.20	86.9	80.0	83.3	83.6	77.9	80.6	85.0	77.6	81.1
14	21.4	3.8	264.0	19.00	86.1	65.9	74.6	97.7	54.5	70.1	0.53	0.15	86.2	80.0	82.9	82.5	78.1	80.3	83.5	77.3	79.9
15	18.7	5.4	316.7	30.75	74.2	55.3	66.1	97.9	44.4	54.9	0.00	0.21	82.3	77.2	79.5	80.4	75.7	77.8	78.1	73.2	75.8
16	11.8	2.3	283.2	23.17	76.3	52.5	64.0	98.5	42.7	56.0	0.00	0.16	80.2	73.1	76.5	77.5	72.5	75.2	76.9	69.5	72.9
17	12.2	1.8	179.8	27.70	79.5	53.4	67.0	98.6	33.1	56.4	0.00	0.20	79.8	72.6	76.3	78.3	72.0	75.1	81.1	67.7	74.5
18	16.6	3.5	159.5	26.02	80.2	57.2	68.8	98.4	40.0	58.9	0.00	0.20	79.4	73.5	76.3	78.0	72.5	75.3	81.2	70.0	75.3
19	13.7	2.9	153.1	26.11	80.1	55.6	67.5	98.6	44.3	60.2	0.00	0.18	79.7	73.1	76.3	78.5	72.6	75.3	82.1	69.7	75.4
20	7.8	1.1	213.4	25.39	83.3	55.8	69.5	98.6	41.9	61.0	0.00	0.19	80.6	73.1	76.8	78.9	72.6	75.7	82.4	69.4	75.9
21	10.8	1.1	221.4	28.09	85.4	57.3	72.0	98.5	44.7	63.5	0.00	0.21	82.8	73.6	77.8	80.7	73.1	76.5	84.8	69.9	77.3
22	13.4	2.8	223.6	28.25	87.2	61.6	75.3	98.4	51.6	67.7	0.00	0.22	83.9	75.2	79.4	81.7	74.5	77.9	86.3	72.1	79.0
23	16.6	6.1	152.3	9.09	83.5	64.4	74.8	87.5	63.4	67.7	0.00	0.09	80.6	77.2	78.7	78.3	75.7	77.2	79.7	73.4	76.4
24	14.8	3.8	199.3	25.30	79.4	53.9	66.8	98.0	42.4	57.4	0.00	0.18	79.1	73.0	76.2	77.4	71.8	75.0	80.4	67.7	74.2
25	18.1	3.6	207.2	17.78	78.7	54.8	68.2	98.5	48.9	60.0	0.00	0.14	77.5	72.2	75.1	76.1	71.4	74.1	77.2	67.8	72.9
26	20.3	7.3	198.4	22.22	88.7	62.9	78.8	97.9	65.5	72.0	0.00	0.19	81.4	73.0	77.2	78.8	71.9	75.2	82.5	69.9	76.3
27	19.8	8.2	280.6	23.38	90.3	69.4	82.4	88.5	38.3	69.3	0.00	0.23	83.5	78.1	80.5	82.3	76.2	78.5	84.6	76.6	80.0
28	18.1	5.7	303.7	22.84	79.3	56.6	70.3	94.8	49.5	58.9	0.00	0.18	80.6	75.4	77.9	80.1	74.6	77.0	80.5	72.1	76.0
29	18.4	2.5	275.3	25.42	78.0	51.2	65.5	98.5	38.3	55.1	0.00	0.18	79.6	72.4	75.8	77.8	71.9	75.2	80.0	68.2	74.1
30	12.9	2.2	241.2	13.09	76.5	54.2	66.1	98.5	56.9	60.1	0.00	0.10	77.5	71.7	74.9	76.0	71.9	73.9	75.6	68.6	72.3
31	14.7	2.4	215.3	25.64	82.8	56.2	69.6	98.5	44.5	62.4	0.00	0.19	80.7	71.7	76.0	78.1	70.8	74.4	81.0	67.6	74.3
TOT				746.40							2.34	5.77									
AVG		4.1	226.5	24.1	82.8	59.9	72.4	97.0	48.0	63.6		0.19	81.9	75.1	78.3	79.5	73.9	76.6	81.3	71.5	76.3
MAX	28.1				91.3			98.6					86.9			83.6			86.3		
MIN						51.2			33.1					71.7			70.8			67.6	

Illinois Climate Network (ICN)  
 August 2014  
 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	17.2	1.6	207.2	24.00	86.3	57.5	71.8	98.5	42.2	62.5	0.00	0.19	81.5	72.8	77.2	79.4	72.6	75.9	82.7	69.5	76.2
2	11.8	2.5	187.8	23.40	84.4	61.5	72.5	97.8	42.0	62.9	0.00	0.18	82.2	75.3	78.4	80.1	74.3	77.1	83.8	72.5	77.6
3	13.1	1.9	160.6	25.10	85.6	57.4	72.4	98.6	34.0	62.8	0.00	0.20	82.9	74.1	78.0	79.9	73.6	76.8	84.1	70.6	77.0
4	9.8	1.7	202.1	24.24	88.1	56.6	72.3	98.6	33.4	62.7	0.00	0.19	82.5	73.8	78.0	80.5	73.4	76.7	83.6	70.3	76.9
5	15.9	2.5	219.7	17.73	87.3	61.1	72.1	98.1	57.0	62.5	0.11	0.14	83.3	75.2	78.9	79.4	73.9	76.7	82.9	72.0	77.0
6	10.9	2.0	189.9	22.50	89.8	64.0	76.6	98.4	47.0	69.5	0.00	0.18	84.4	76.1	80.1	80.6	74.7	77.6	86.0	72.5	79.1
7	14.8	4.9	137.5	6.52	78.1	68.1	72.4	97.7	77.4	69.6	0.46	0.05	81.4	77.0	78.8	79.4	75.0	76.9	79.0	73.8	76.2
8	13.0	3.7	184.3	13.74	85.8	69.9	76.3	97.7	63.4	71.8	0.32	0.11	83.0	76.3	79.1	79.3	73.8	76.4	82.3	72.7	77.1
9	10.7	2.8	254.1	13.85	84.0	69.9	75.4	98.1	62.0	71.1	0.00	0.11	83.5	78.2	80.3	80.0	75.9	77.7	83.5	74.7	78.4
10	12.5	2.6	280.5	20.82	87.1	68.9	76.7	98.1	53.8	70.7	0.00	0.16	84.3	78.0	80.8	81.5	75.8	78.2	85.4	74.4	79.6
11	24.3	5.0	294.0	20.42	84.3	69.9	76.0	97.9	60.3	70.1	0.10	0.16	83.7	79.1	81.0	81.1	76.8	78.7	84.3	76.1	79.5
12	18.5	5.2	304.0	25.24	79.9	57.1	70.1	97.7	42.7	60.3	0.00	0.19	81.3	76.4	78.8	79.1	75.1	77.0	82.8	71.6	76.4
13	19.1	2.7	290.6	25.58	80.0	54.6	67.2	98.7	36.9	57.2	0.00	0.18	79.7	72.8	76.1	77.6	71.7	74.9	81.0	66.8	73.7
14	10.2	1.4	256.4	25.95	83.6	54.3	69.3	98.8	39.9	59.6	0.00	0.19	80.7	72.2	76.3	78.3	71.5	74.9	83.0	66.4	74.4
15	13.1	2.6	219.1	22.73	85.2	58.4	73.3	98.7	47.5	64.4	0.00	0.18	81.6	73.4	77.5	78.9	72.6	75.8	83.1	68.4	75.9
16	16.9	4.5	189.5	6.48	80.0	68.5	72.8	95.2	71.1	67.9	0.16	0.06	79.5	75.9	77.6	77.6	74.4	75.7	76.7	72.7	74.4
17	23.9	6.0	268.5	12.90	82.1	71.2	75.3	97.9	67.5	71.5	0.62	0.10	80.3	75.9	77.9	77.8	74.0	75.7	80.3	72.7	76.1
18	8.4	1.9	272.6	12.58	83.0	67.5	74.4	98.2	66.8	71.0	0.00	0.10	81.9	76.5	78.9	78.5	74.2	76.4	81.1	73.6	76.8
19	13.5	3.4	219.1	15.51	87.3	66.3	75.3	98.5	64.6	70.1	0.00	0.12	81.6	76.2	78.8	78.4	74.2	76.3	82.4	72.2	77.0
20	14.3	3.6	209.7	16.15	92.6	66.8	78.3	98.2	51.8	72.8	0.00	0.14	82.9	75.9	79.4	80.0	74.1	76.7	85.0	72.4	78.1
21	17.2	8.2	213.2	20.90	90.8	76.6	83.2	87.0	54.7	73.3	0.00	0.20	84.3	78.7	81.3	81.5	76.5	78.7	86.1	76.4	80.8
22	13.3	5.0	225.2	19.55	92.9	75.8	83.6	86.3	50.4	73.8	0.00	0.18	85.9	78.9	82.1	82.7	77.0	79.5	87.8	76.2	81.5
23	21.3	3.4	212.5	19.49	95.1	76.9	84.5	97.1	51.6	75.9	0.00	0.17	87.5	80.4	83.6	84.0	78.5	80.9	89.6	78.4	83.5
24	11.1	3.2	176.1	22.60	95.0	73.1	83.0	97.2	50.7	74.9	0.00	0.19	87.8	80.6	84.0	84.8	78.8	81.5	91.2	77.9	83.9
25	11.0	2.0	189.4	22.88	94.7	70.6	81.7	98.2	46.2	73.7	0.00	0.19	88.4	80.5	84.2	85.0	79.0	81.9	91.8	77.8	84.0
26	16.2	1.8	240.6	22.40	94.0	69.3	80.7	98.3	44.9	72.8	0.00	0.19	87.7	80.6	83.9	84.7	78.5	81.8	91.0	77.0	83.4
27	19.8	2.3	244.1	22.20	94.5	69.3	80.5	98.3	39.8	71.7	0.11	0.19	87.9	80.5	84.0	84.7	79.1	81.9	91.3	77.0	83.3
28	19.4	2.8	210.1	10.38	87.1	71.3	75.5	98.1	58.5	71.7	0.04	0.09	84.9	80.7	82.6	82.7	79.0	80.5	84.7	77.2	80.1
29	25.4	5.8	213.6	22.55	90.0	66.8	78.7	98.4	40.5	68.7	0.00	0.21	85.2	78.3	81.5	81.7	76.7	79.0	87.2	74.0	80.0
30	18.5	6.3	197.8	6.10	78.6	71.5	74.2	97.5	76.8	70.8	0.64	0.06	81.5	78.3	79.9	80.5	76.4	78.0	79.2	74.6	76.8
31	15.1	6.0	203.4	18.54	84.7	72.4	77.4	95.8	61.0	71.2	0.00	0.15	84.7	77.6	80.5	80.7	75.6	77.8	85.4	73.7	78.4
TOT				583.01							2.56	4.74									
AVG		3.5	221.7	18.8	86.8	66.5	75.9	97.2	52.8	68.7		0.15	83.5	77.0	80.0	80.7	75.4	77.9	84.5	73.4	78.5
MAX	25.4				95.1			98.8					88.4			85.0			91.8		
MIN						54.3			33.4								71.5			66.4	

Illinois Climate Network (ICN)  
 September 2014  
 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	27.3	8.5	211.1	12.33	83.6	74.7	78.3	91.9	62.2	71.4	0.01	0.12	82.5	78.7	80.4	79.2	76.7	78.0	80.5	75.0	77.6
2	17.8	4.7	249.2	12.28	82.4	66.0	76.4	98.2	58.2	70.0	0.01	0.11	82.8	78.6	80.4	79.8	76.6	78.0	82.0	74.6	77.8
3	12.7	1.9	223.1	22.03	88.1	61.3	75.9	98.6	45.9	69.7	0.00	0.17	83.9	75.8	79.5	80.8	74.6	77.4	86.2	70.2	77.4
4	17.1	5.0	203.7	20.94	90.6	63.5	75.3	98.5	54.2	69.4	0.00	0.18	84.2	76.0	80.0	81.2	75.0	77.9	86.6	71.3	78.5
5	13.7	5.1	207.1	19.67	93.2	73.7	74.7	90.9	49.1	69.1	0.00	0.18	85.6	78.3	81.8	82.2	76.8	79.4	88.4	75.2	81.0
6	19.6	4.6	308.2	8.52	73.8	58.7	67.7	98.1	67.2	63.0	0.00	0.07	82.6	75.9	79.3	81.1	75.4	77.8	78.8	70.3	75.6
7	14.1	3.4	151.2	23.03	79.5	51.6	65.4	98.8	42.3	56.6	0.00	0.17	80.3	72.3	75.8	76.9	71.7	74.4	81.4	65.2	72.4
8	8.4	1.3	221.0	23.33	84.9	49.2	65.7	98.8	24.2	54.1	0.00	0.17	80.3	71.2	75.1	77.1	70.7	73.7	81.8	64.0	72.1
9	15.9	4.7	187.9	17.52	87.8	56.1	73.7	98.5	49.8	63.8	0.00	0.16	80.7	72.4	76.5	77.6	71.2	74.4	82.0	66.2	74.0
10	26.4	9.6	214.2	9.46	87.0	72.0	79.7	97.8	61.9	71.6	0.30	0.12	80.4	76.7	78.6	77.8	74.6	76.3	79.8	73.6	76.4
11	19.4	6.5	190.7	5.51	72.8	55.7	63.3	98.0	78.0	60.3	0.39	0.04	79.1	72.4	75.9	77.3	71.2	74.2	75.3	65.8	71.1
12	18.9	6.5	150.9	4.94	60.8	54.5	57.3	97.6	78.2	53.9	0.00	0.04	72.9	69.1	71.0	71.7	68.1	69.5	67.2	62.7	64.8
13	18.9	5.9	157.2	23.22	64.9	42.3	53.7	98.4	36.7	43.9	0.00	0.13	71.9	66.4	68.8	69.3	65.7	67.5	71.9	58.8	64.0
14	10.9	1.2	224.3	22.25	73.8	41.6	55.7	99.0	36.5	47.2	0.00	0.14	72.2	63.9	67.7	69.9	63.6	66.4	74.1	55.1	63.8
15	18.3	4.5	246.8	14.21	77.8	48.1	64.4	98.8	55.2	57.8	0.00	0.11	73.1	66.0	69.6	70.8	65.1	67.8	73.1	59.5	66.2
16	16.3	4.4	71.0	7.08	63.4	44.5	58.1	98.2	65.4	52.3	0.00	0.06	72.2	67.4	70.2	70.6	67.2	68.9	68.5	60.0	65.7
17	13.0	2.2	215.7	14.28	72.1	41.6	57.9	99.0	53.5	52.5	0.00	0.09	71.4	64.1	67.7	69.0	63.6	66.4	71.1	55.6	63.2
18	14.8	2.9	130.3	16.66	75.2	51.6	63.6	98.1	50.7	56.5	0.00	0.12	74.4	67.9	70.7	71.3	66.5	68.7	75.9	63.1	68.1
19	12.7	2.0	202.6	21.09	81.2	47.0	63.1	98.8	42.9	55.2	0.00	0.15	74.9	66.5	70.3	71.7	65.7	68.4	77.1	59.8	67.9
20	17.2	5.2	225.0	18.90	86.8	54.3	72.2	98.7	51.0	64.0	0.00	0.16	76.5	67.9	72.1	73.1	66.6	69.6	79.3	62.7	70.8
21	20.0	7.2	309.4	21.03	79.4	54.5	71.3	94.0	28.9	55.5	0.04	0.19	76.2	71.4	73.7	72.9	69.9	71.3	78.7	66.1	72.3
22	15.3	3.2	188.5	21.87	72.5	44.3	57.8	98.5	33.5	48.0	0.00	0.14	73.9	67.1	70.3	70.6	66.2	68.5	75.2	59.9	66.8
23	14.4	2.6	186.3	21.38	75.1	39.1	56.2	99.3	31.7	45.7	0.00	0.14	72.6	64.2	68.3	69.1	63.7	66.4	74.2	56.4	64.7
24	10.1	1.5	165.6	21.21	80.7	41.4	59.8	99.0	32.0	49.3	0.00	0.14	73.5	64.2	68.5	69.2	63.3	66.2	76.1	56.6	65.8
25	9.9	1.1	220.5	20.34	83.8	48.5	64.8	98.8	30.6	54.0	0.00	0.14	75.3	65.8	70.1	70.7	64.6	67.3	78.4	59.7	68.5
26	13.4	2.0	178.0	19.65	83.6	51.7	66.3	98.7	33.1	55.7	0.00	0.15	75.5	67.1	71.2	71.1	65.9	68.3	78.7	62.0	69.8
27	12.7	2.2	185.7	19.31	85.0	53.7	67.4	98.8	28.1	56.3	0.00	0.15	76.1	68.1	71.9	71.5	66.6	68.9	79.6	63.3	70.7
28	10.1	1.4	245.1	19.17	86.5	51.7	67.3	98.7	31.4	56.9	0.00	0.14	77.2	68.5	72.3	72.4	67.0	69.4	80.7	63.4	71.4
29	12.5	1.8	236.4	19.56	86.4	49.7	66.8	98.8	28.9	54.8	0.00	0.15	76.3	68.0	71.9	71.8	66.5	69.2	80.3	62.5	70.8
30	8.0	1.2	225.6	18.00	87.4	51.9	67.3	98.8	27.0	55.6	0.00	0.13	76.3	68.1	72.0	72.1	66.5	69.2	80.3	63.0	71.1
TOT				518.80							0.73	3.97									
AVG		3.8	204.4	17.3	80.0	53.2	66.2	97.9	45.6	57.8		0.13	77.1	70.0	73.4	74.0	68.9	71.3	78.1	64.0	70.7
MAX	27.3				93.2			99.3					85.6			82.2			88.4		
MIN						39.1			24.2					63.9			63.3			55.1	

Illinois Climate Network (ICN)  
 October 2014  
 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	20.7	4.7	207.1	17.47	87.6	52.2	71.2	98.8	39.7	59.0	0.00	0.16	76.9	68.3	72.5	72.4	66.8	69.5	80.1	63.5	71.5
2	35.8	6.1	205.8	10.08	84.1	62.9	73.7	97.8	60.4	66.7	0.59	0.09	77.2	71.6	74.4	73.3	69.4	71.3	78.6	69.2	73.3
3	31.0	10.6	275.1	12.82	70.3	43.0	73.3	97.9	45.3	66.8	0.03	0.10	74.5	66.8	71.5	72.8	66.0	69.5	72.5	56.9	66.6
4	25.5	7.0	258.0	18.80	57.0	35.8	72.9	98.5	31.4	66.9	0.00	0.10	67.4	61.7	64.5	66.2	61.1	62.9	63.9	51.7	56.8
5	20.7	5.2	218.8	15.67	73.5	34.8	72.5	99.0	36.5	66.9	0.01	0.12	67.2	59.7	63.0	64.0	58.4	61.0	67.4	50.0	57.8
6	29.3	5.4	213.8	13.22	74.8	52.3	60.3	96.9	30.6	50.7	0.03	0.11	68.3	63.0	65.4	65.1	61.2	63.2	69.4	57.1	62.1
7	27.8	7.8	239.2	15.43	80.9	50.7	65.1	97.2	33.6	55.3	0.05	0.13	70.2	64.0	66.7	66.9	62.2	64.3	72.7	59.0	64.3
8	10.0	1.3	231.7	16.82	81.0	44.9	60.8	98.8	28.0	49.6	0.00	0.12	70.5	62.4	66.2	66.7	61.3	64.0	73.1	55.0	63.6
9	14.9	3.9	171.9	8.23	72.6	52.6	63.7	98.4	65.8	59.9	0.20	0.06	69.7	65.1	67.4	67.1	63.1	65.0	69.7	60.8	65.0
10	17.4	5.6	83.1	1.61	57.9	50.3	54.7	97.7	90.2	53.4	0.44	0.01	68.2	63.6	65.7	66.6	62.0	63.9	63.8	57.0	60.3
11	15.0	4.8	47.8	4.45	57.1	49.9	53.6	92.3	75.4	48.6	0.01	0.04	64.3	62.0	63.1	63.0	60.3	61.3	59.8	55.4	57.5
12	14.5	4.7	152.2	4.26	69.1	54.4	60.9	97.9	83.4	59.0	0.09	0.03	66.5	62.3	64.0	63.9	60.5	62.0	63.6	57.3	60.5
13	30.7	9.7	174.5	4.37	73.8	61.6	67.1	98.3	76.0	64.3	0.88	0.04	69.2	65.1	67.0	66.2	63.2	64.9	69.0	63.1	65.3
14	26.9	9.7	234.8	7.80	62.5	52.6	57.2	97.8	70.1	54.1	0.10	0.05	67.7	64.7	66.3	65.5	63.0	64.2	65.9	59.0	62.3
15	18.0	7.2	285.6	3.42	56.7	52.2	53.6	97.7	79.3	51.4	0.04	0.02	65.3	62.6	63.7	63.5	60.9	61.8	59.6	56.9	58.2
16	14.5	4.5	238.6	17.01	70.4	50.5	58.8	97.3	51.4	50.6	0.00	0.11	66.9	61.8	63.9	64.6	60.0	61.8	69.6	55.7	61.2
17	22.1	7.0	276.8	16.73	74.9	48.9	62.2	94.5	35.7	48.8	0.00	0.14	66.5	62.3	64.2	64.0	60.1	62.1	68.1	55.8	60.9
18	22.1	5.6	293.6	13.76	63.0	39.7	52.8	98.0	45.2	44.0	0.00	0.09	63.9	60.7	62.3	62.3	58.9	60.4	63.1	52.7	57.4
19	11.2	2.2	228.4	14.95	64.4	34.6	49.1	100.0	44.3	42.1	0.00	0.09	62.9	57.8	60.5	60.6	56.3	58.6	64.2	48.4	55.8
20	18.1	5.1	252.6	14.21	75.1	45.4	59.2	94.6	40.2	48.8	0.00	0.11	65.0	59.5	61.8	62.9	57.6	59.8	68.1	53.3	59.0
21	15.0	3.6	230.0	16.01	68.5	41.0	53.7	98.8	39.8	44.2	0.00	0.10	63.2	58.8	61.0	61.3	57.3	59.4	65.6	50.9	57.5
22	12.7	2.6	159.8	16.26	63.8	33.6	47.8	99.5	42.6	40.5	0.00	0.09	62.0	57.2	59.6	59.8	55.8	57.9	63.9	48.1	55.2
23	12.5	2.4	207.5	10.25	61.3	31.5	46.8	100.5	50.5	40.6	0.00	0.06	60.5	55.7	58.1	58.2	54.3	56.4	59.0	46.4	52.7
24	10.9	2.8	237.7	11.73	71.3	41.3	57.3	98.5	50.7	50.7	0.00	0.08	63.0	57.2	59.8	60.6	55.5	57.9	65.2	50.7	57.1
25	12.0	3.0	263.6	14.43	81.0	51.7	65.5	98.3	41.2	56.9	0.00	0.11	66.0	59.9	62.6	63.4	58.2	60.5	71.4	56.1	62.4
26	11.9	3.1	188.7	14.68	81.3	44.7	63.6	98.9	32.6	54.2	0.00	0.11	66.1	60.2	63.2	63.6	58.7	61.1	69.9	54.4	61.9
27	32.5	13.3	208.9	12.19	80.1	66.7	72.5	83.7	33.2	56.6	0.00	0.18	67.7	63.3	65.0	64.6	60.9	62.7	68.7	60.9	64.0
28	29.3	5.1	273.8	6.15	70.7	47.6	61.2	97.4	31.1	50.0	0.55	0.07	66.2	63.8	65.2	64.5	61.9	63.2	65.1	57.7	62.3
29	18.7	3.2	280.8	15.22	61.6	35.1	47.9	98.7	33.6	38.1	0.00	0.09	64.0	58.7	61.2	62.2	57.7	59.4	62.7	50.1	55.6
30	14.5	2.4	227.5	13.00	62.9	31.0	48.4	100.4	37.3	39.5	0.01	0.08	60.7	55.5	58.4	58.4	54.0	56.5	60.7	44.9	53.0
31	30.7	10.1	330.3	10.99	50.8	34.5	44.6	98.5	36.1	32.5	0.00	0.07	59.9	54.6	57.8	58.1	53.9	56.5	55.2	43.4	51.6
TOT				372.00							3.03	2.76									
AVG		5.5	222.5	12.0	69.7	46.1	59.7	97.5	48.1	51.9		0.09	66.7	61.6	64.1	64.3	60.0	62.0	66.8	54.9	60.4
MAX	35.8				87.6			100.5					77.2			73.3			80.1		
MIN						31.0			28.0					54.6			53.9			43.4	

Illinois Climate Network (ICN)  
November 2014  
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	19.5	5.6	264.9	15.06	48.8	25.3	36.4	97.7	36.7	24.5	0.00	0.07	54.8	51.6	53.3	54.2	50.6	52.2	53.0	38.6	44.7
2	15.5	4.4	191.6	9.88	52.6	22.4	39.6	99.8	28.1	26.5	0.02	0.07	53.5	48.8	51.2	52.5	48.2	50.2	49.5	37.2	43.3
3	26.0	9.2	199.3	13.60	67.1	44.1	40.4	57.7	22.8	26.6	0.00	0.15	56.2	51.1	53.3	54.1	49.5	51.8	57.0	42.9	48.9
4	22.0	7.2	248.7	1.27	57.2	49.0	41.2	98.6	41.7	26.8	0.69	0.04	56.1	53.6	54.9	54.6	52.3	53.4	52.7	48.7	50.8
5	14.4	2.9	224.2	5.62	54.4	38.5	42.2	99.2	77.6	27.0	0.00	0.03	57.3	54.3	55.7	55.7	52.8	54.1	55.5	47.8	51.3
6	29.2	8.7	284.8	4.77	52.1	29.0	44.2	99.2	52.6	35.9	0.00	0.05	55.8	51.3	53.8	54.3	50.2	52.2	49.7	41.0	46.5
7	16.7	3.5	227.5	13.85	52.9	24.9	39.4	100.3	39.2	30.8	0.01	0.07	52.7	48.1	50.6	51.0	46.8	49.2	52.9	37.2	44.0
8	22.2	6.3	246.7	4.39	51.7	29.9	43.0	99.9	56.6	35.3	0.00	0.04	52.0	49.3	50.8	50.6	48.6	49.5	48.4	40.6	44.7
9	19.3	5.3	212.5	12.05	57.7	25.8	43.1	100.6	41.5	34.0	0.01	0.07	51.9	47.0	49.5	50.4	46.0	48.2	51.5	36.9	43.7
10	34.6	11.3	189.0	12.45	68.5	43.8	56.7	84.1	34.2	41.3	0.00	0.13	54.1	49.5	51.8	52.3	48.1	50.1	55.3	42.8	48.7
11	25.4	12.1	288.0	2.30	60.6	32.4	46.0	87.2	51.1	36.1	0.01	0.06	54.3	50.3	52.9	52.5	49.7	51.5	51.5	42.0	48.1
12	16.9	7.3	325.4	3.97	35.0	28.0	31.5	73.4	52.3	21.5	0.00	0.03	50.7	46.8	48.8	50.1	46.1	48.0	42.0	36.7	40.0
13	21.9	7.7	323.9	8.29	32.6	19.1	27.1	76.6	43.3	13.7	0.00	0.04	47.2	44.2	45.7	46.6	44.0	45.1	39.4	35.1	36.4
14	13.9	2.3	257.1	12.75	36.5	12.9	23.5	95.8	38.4	14.9	0.00	0.04	44.8	41.1	42.9	44.6	40.8	42.6	38.7	33.7	35.1
15	13.3	2.3	196.9	9.53	41.5	16.2	29.5	97.6	33.5	19.2	0.04	0.04	44.7	40.0	42.5	44.0	40.0	41.9	39.5	33.7	36.0
16	12.4	2.3	274.7	2.56	37.3	30.4	33.0	100.4	66.8	29.7	0.18	0.01	45.9	43.5	44.6	44.8	42.8	43.7	41.0	37.0	38.4
17	24.1	11.1	301.8	10.25	30.8	17.9	24.2	100.3	45.8	13.8	0.00	0.04	45.2	41.7	43.5	44.2	41.5	42.9	37.3	34.1	36.0
18	22.2	8.5	247.5	12.92	30.5	12.2	21.3	69.4	35.3	8.0	0.00	0.05	42.5	39.4	40.6	42.1	39.1	40.2	34.2	32.7	33.0
19	30.0	10.8	246.1	10.01	47.6	26.6	36.6	71.0	46.3	24.0	0.00	0.07	43.4	39.2	41.1	42.5	38.9	40.3	33.7	32.5	32.9
20	12.4	1.9	260.8	12.56	42.0	14.8	27.0	96.5	38.6	18.2	0.00	0.04	42.3	39.1	40.7	41.3	38.4	39.8	37.1	33.1	34.2
21	17.2	4.6	151.3	9.73	46.8	16.8	34.6	97.7	37.5	22.9	0.01	0.05	42.8	38.4	40.4	41.9	37.6	39.3	39.1	33.3	35.5
22	31.3	10.7	192.9	5.83	63.3	45.1	55.5	72.7	48.1	40.7	0.00	0.10	48.6	42.4	45.6	46.9	40.9	43.8	50.1	39.1	44.5
23	19.6	7.7	161.5	1.29	58.8	49.8	54.8	98.7	54.9	50.1	0.89	0.03	51.8	47.4	49.3	49.4	45.8	47.3	51.6	45.2	48.3
24	35.8	10.2	263.6	7.40	60.0	30.4	45.8	97.5	40.4	36.7	0.28	0.06	52.2	48.7	51.0	50.1	47.2	49.0	52.3	41.9	48.6
25	18.8	3.9	243.3	11.74	42.5	22.6	32.7	98.9	48.7	24.8	0.00	0.05	49.0	44.4	46.8	47.6	43.5	44.9	46.7	36.7	40.7
26	17.8	3.5	174.4	4.43	40.0	19.4	30.0	100.0	66.1	28.0	0.22	0.02	45.3	41.9	43.3	43.6	40.6	41.8	38.4	35.2	36.6
27	20.8	6.0	281.8	3.86	35.2	22.4	30.0	99.7	66.4	26.7	0.02	0.02	43.9	41.5	42.9	42.5	40.6	41.6	39.2	35.2	36.9
28	29.5	9.4	182.0	11.56	47.9	22.6	37.4	98.1	48.1	27.3	0.00	0.07	43.6	40.2	42.0	41.8	39.1	40.5	42.1	34.3	37.2
29	34.9	15.8	203.7	3.53	60.9	42.5	53.6	83.6	52.9	45.4	0.01	0.07	48.9	42.4	45.2	47.0	40.8	43.4	49.7	37.9	44.0
30	32.3	12.9	238.2	5.50	67.3	36.3	59.0	88.7	62.6	52.3	0.07	0.07	53.9	48.5	51.3	51.8	46.6	49.2	61.4	49.5	53.1
TOT				242.92							2.44	1.67									
AVG		7.2	236.8	8.1	49.3	28.4	38.6	91.4	46.9	28.8		0.06	49.5	45.5	47.5	48.2	44.6	46.2	46.3	38.4	42.1
MAX	35.8				68.5			100.6					57.3			55.7			61.4		
MIN						12.2			22.8					38.4			37.6			32.5	

Illinois Climate Network (ICN)  
 December 2014  
 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	20.0	8.4	125.5	1.69	36.3	27.8	30.0	95.3	78.6	27.1	0.27	0.01	52.3	44.7	47.6	51.1	43.2	46.3	49.5	37.3	40.6
2	12.7	4.0	268.3	2.03	34.7	28.9	31.1	99.4	88.8	29.9	0.10	0.01	45.3	43.9	44.5	43.5	42.1	42.8	39.8	36.7	37.9
3	8.7	1.8	247.6	8.69	48.7	31.7	31.3	97.8	41.1	30.2	0.00	0.04	47.1	43.7	45.1	45.4	42.0	43.5	61.3	37.5	41.8
4	11.1	4.1	126.3	1.11	40.8	36.8	31.5	99.2	86.0	30.4	0.22	0.01	46.3	45.1	45.6	45.2	43.5	44.1	42.5	40.9	41.7
5	18.3	3.1	207.5	1.52	54.5	40.5	31.7	99.2	98.1	30.6	0.92	0.01	49.3	45.6	47.3	47.4	44.0	45.5	49.5	42.2	45.6
6	22.3	9.2	238.0	1.47	45.6	38.2	40.9	98.8	77.5	38.0	0.05	0.01	49.2	46.4	48.0	47.6	44.9	46.5	47.3	41.4	44.3
7	14.6	4.3	80.7	6.45	44.8	35.1	38.9	95.6	61.4	32.5	0.00	0.04	48.2	45.5	46.8	46.0	44.1	45.1	46.4	40.0	42.4
8	17.1	4.4	233.5	5.11	50.1	32.8	41.1	98.7	64.7	36.3	0.00	0.03	48.1	45.4	46.7	46.3	43.7	44.9	47.0	39.4	42.6
9	22.3	7.9	336.4	2.28	41.9	33.8	36.6	97.3	67.9	30.7	0.00	0.03	46.5	44.6	45.4	45.4	43.1	44.0	40.4	38.6	39.6
10	10.2	4.1	265.7	2.05	36.5	33.3	34.9	88.7	68.0	28.7	0.00	0.02	45.4	44.0	44.6	44.0	42.5	43.1	40.3	37.0	39.1
11	10.4	2.7	242.5	7.49	41.5	22.9	32.1	98.9	53.8	25.1	0.00	0.03	45.5	42.6	44.0	43.6	41.7	42.6	44.3	37.2	39.4
12	11.5	2.3	225.6	9.97	51.7	22.3	37.1	99.5	54.6	31.8	0.00	0.04	45.4	41.0	43.1	43.2	40.1	41.7	47.0	35.7	39.7
13	12.3	4.4	209.3	2.47	50.9	43.6	46.9	81.3	67.9	39.0	0.00	0.03	47.2	43.8	45.6	45.4	42.3	43.7	46.4	41.0	43.8
14	16.0	6.0	187.4	6.94	60.2	46.7	51.5	90.4	65.5	46.0	0.00	0.05	50.3	46.6	48.4	47.9	44.8	46.3	52.9	45.2	48.2
15	21.6	8.4	177.4	1.03	55.2	45.3	49.3	98.0	75.5	47.1	0.33	0.01	50.5	48.4	49.4	48.5	46.7	47.5	49.4	46.6	48.1
16	26.5	11.2	289.4	2.10	48.3	32.5	39.6	81.4	70.8	32.8	0.00	0.03	50.7	46.5	48.5	48.3	45.1	46.9	48.5	40.4	44.4
17	15.4	4.0	257.3	7.99	40.7	30.0	33.4	91.2	54.9	25.8	0.00	0.04	47.1	44.7	45.8	45.7	43.3	44.3	45.8	37.6	40.8
18	9.3	2.6	80.4	1.94	34.7	30.2	32.6	98.6	80.1	30.1	0.07	0.01	45.9	43.9	44.7	44.2	42.2	43.3	40.6	38.0	39.4
19	10.2	3.8	94.4	4.93	38.4	30.3	34.1	96.5	66.8	27.9	0.00	0.03	45.3	43.1	44.3	44.0	41.8	42.8	42.9	37.1	39.5
20	7.3	2.0	131.5	4.98	44.5	26.4	35.9	97.5	57.5	29.5	0.00	0.02	46.3	43.4	44.6	44.2	42.1	43.1	44.5	38.1	40.5
21	12.0	2.4	156.2	7.69	47.3	23.6	34.6	99.6	52.0	28.8	0.00	0.03	45.2	41.8	43.5	43.5	40.7	42.2	43.5	36.0	39.0
22	20.0	7.5	151.7	1.43	53.4	37.9	46.8	97.4	72.2	44.0	0.40	0.01	47.4	43.1	45.0	45.2	41.8	43.1	47.5	39.0	43.0
23	11.4	2.9	170.5	2.58	53.3	38.0	47.0	99.4	70.3	44.1	0.04	0.02	48.5	45.9	47.4	46.6	44.4	45.5	47.9	43.5	46.2
24	19.4	7.5	291.0	2.33	44.4	37.6	40.3	97.0	82.0	37.5	0.15	0.02	48.0	46.1	47.3	46.5	44.6	45.6	45.9	41.9	44.2
25	23.6	8.4	202.9	10.38	49.3	31.7	41.6	93.5	54.5	33.4	0.00	0.06	47.8	44.7	46.0	45.4	43.3	44.4	47.0	39.0	42.4
26	22.5	9.9	195.7	7.87	54.6	38.6	47.5	82.9	62.6	38.5	0.00	0.06	47.9	44.2	46.0	45.7	42.7	44.1	48.7	38.5	43.3
27	19.6	7.0	260.7	0.95	50.0	36.2	44.7	97.9	75.1	43.3	0.44	0.01	48.9	46.9	47.9	46.9	44.9	46.0	47.9	43.3	46.0
28	15.4	5.5	222.6	1.79	36.5	30.3	33.3	94.9	78.1	29.0	0.00	0.01	47.6	44.2	45.7	46.1	43.0	44.3	43.3	38.3	40.5
29	14.8	4.9	81.1	6.45	36.3	24.3	30.2	95.7	65.1	25.6	0.00	0.03	44.7	41.6	43.2	43.3	41.0	42.0	39.9	35.9	37.3
30	21.2	7.2	183.2	6.61	34.2	21.7	27.9	96.8	59.1	21.0	0.00	0.03	42.3	39.4	40.6	41.4	38.8	39.6	36.0	34.6	35.0
31	15.3	4.3	283.6	10.44	31.1	17.0	23.3	72.5	28.8	8.8	0.00	0.04	39.7	37.7	38.7	39.1	37.0	37.9	34.6	33.8	34.1
TOT				140.76							2.98	0.81									
AVG		5.4	200.8	4.5	44.8	32.5	37.3	94.5	67.1	32.4		0.03	47.1	44.1	45.5	45.4	42.8	44.0	45.4	39.1	41.6
MAX	26.5				60.2			99.6					52.3			51.1			61.3		
MIN						17.0			28.8					37.7			37.0			33.8	

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.