

Peter's Farm Weather Station  
 APRIL 2008

LATITUDE 37° 40' N  
 LONGITUDE 81° 7' W  
 ELEVATION 2646 ft

		Avg	Max	Min	Max	Min	Total	Avg	Max	Total	Avg	Max	Total	Avg	Max
		Temp	Temp	Temp	R.H.	R.H.	Precip	Solar Radiation	Solar Radiation	Solar Radiation	PAR Density	PAR Density	PAR Flux	Wind Speed	Wind Speed
Julian Day	Date	(C)	(C)	(C)	(%)	(%)	(in.)	(W/m <sup>2</sup> )	(W/m <sup>2</sup> )	(MJ)	(μmol/s/m <sup>2</sup> )	(μmol/s/m <sup>2</sup> )	(mmol/m <sup>2</sup> )	(mph)	(mph)
92	4/1/2008	15.19	22.7	4.8	88.2	32.78	0.03	176.3	1124	15.235	423.5	2823	36589	6.397	21.57
93	4/2/2008	5.982	12.46	0.787	79.8	26.47	0	250.6	965	21.654	687.8	2628	59422	3.46	13.7
94	4/3/2008	2.956	7.59	0.767	100	46.17	0.86	36.84	177	3.1831	116.6	526.4	10073	5.386	17.28
95	4/4/2008	9.79	17.21	2.115	100	65.6	0.18	100.7	1299	8.7039	284.3	2827	24563	3.797	13.52
96	4/5/2008	7.91	10.81	5.787	100	79.6	0.82	69.14	393.4	5.9739	208.6	1171	18020	2.643	10.66
97	4/6/2008	8.42	12.25	5.392	99.9	71.2	0.24	111.1	1062	9.5966	314.5	2815	27175	2.964	11.2
98	4/7/2008	10.92	19.67	5.657	94.9	42.56	0	241.7	1053	20.883	693.3	2818	59900	3.782	14.6
99	4/8/2008	10.92	19.95	5.391	96.8	35.35	0	266.6	916	23.037	767	2566	66303	3.853	12.45
100	4/9/2008	12.99	21.09	5.927	90.9	48.85	0	146	710	12.614	434.3	2121	37526	2.917	14.24
101	4/10/2008	16.9	25.84	7.91	98.6	30.39	0	247.2	957	21.355	738	2798	63783	3.659	15.31
102	4/11/2008	18.92	27.44	13.18	95.6	30.88	0.01	182.3	1101	15.747	481.7	2822	41619	4.748	18
103	4/12/2008	15.09	21.86	5.605	77.6	17.19	0	269.4	999	23.274	761	2821	65790	5.996	18.53
104	4/13/2008	2.283	6.423	0.402	98	56.24	0.14	101.6	842	8.7764	283.6	2314	24499	4.313	12.99
105	4/14/2008	1.258	3.212	-1.749	100	82.4	0.04	52.85	521.1	4.5663	151.4	1354	13083	2.502	9.59
106	4/15/2008	3.894	12.47	-3.95	100	19.9	0	315	997	27.213	832	2545	71914	2.746	12.45
107	4/16/2008	9.07	20.89	-2.737	77.1	12.29	0	308.4	940	26.645	855	2610	73833	2.545	11.2
108	4/17/2008	13.49	23.91	2.254	67.99	13.45	0	295.2	976	25.509	805	2581	69563	3.349	12.27
109	4/18/2008	17.11	26.7	5.138	68.49	13.85	0	278.4	912	24.055	782	2605	67597	3.622	14.42
110	4/19/2008	12.86	21.11	6.139	98.9	35.26	0.89	110.6	1324	9.5571	287.7	2820	24858	3.248	18.53
111	4/20/2008	8.03	14.3	4.798	100	52.07	0.19	145.6	1223	12.578	378.5	2822	32700	1.53	9.77
112	4/21/2008	11.2	17.42	7.32	99.3	50.69	0.04	102.5	1125	8.8526	280	2824	24196	1.73	10.66
113	4/22/2008	12.36	17.72	6.936	99.5	57.9	0.01	104.2	1365	9.0017	296.3	2816	25597	1.993	12.45
114	4/23/2008	16.23	23.88	9.54	98.8	30.86	0	251.2	1202	21.706	635.3	2818	54893	1.973	11.38
115	4/24/2008	18.09	26.7	8.4	96.1	23.49	0	280.8	1057	24.26	768	2821	66344	2.065	12.09
116	4/25/2008	19.12	25.66	12.64	80.5	31.6	0	236.8	1185	20.456	633.1	2823	54701	3.188	12.99
117	4/26/2008	18.71	27.2	12.12	84.6	32.06	0.08	203.3	1202	17.561	515.6	2820	44547	3.842	13.88
118	4/27/2008	14.09	23.96	6.623	98.3	33.48	0.35	227.5	1057	19.653	639.6	2822	55261	2.254	14.78
119	4/28/2008	9.31	12.7	3.39	98.7	61.97	0.55	54.36	812	4.697	152.4	2088	13163	3.452	14.78
120	4/29/2008	1.629	4.932	-1.197	100	69.62	0.06	90.9	1278	7.8568	234.5	2784	20257	4.419	15.31
121	4/30/2008	7.33	16.55	-1.876	100	27.15	0.01	316.1	993	27.315	862	2602	74495	2.453	11.56

Summary:	11.07	27.44	-3.95	100.0	12.3	4.50		185.77	1365.0	481.52	510.09	2827	1322264.0	3.36	21.57
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