

Peter's Farm Weather Station
JULY 2006

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 ²)	(W/m ²)	(MJ)	(μmol/s/m ²)	(μmol/s/m ²)	(mmol/m ²)	(mph)	(mph)
182	7/1/2006	19.57	27.51	11.34	100	47.34	0	267.6	1127	23.117	638.1	2822	55129	1.858	11.56
183	7/2/2006	23.04	29.73	15.69	97	41.37	0	286.2	1073	24.729	805	2821	69551	2.839	11.91
184	7/3/2006	22.86	30.44	17.16	100	43.39	0.06	252.5	1052	21.815	701	2820	60575	2.353	11.56
185	7/4/2006	21.83	30.2	17.05	100	49.19	0.13	223	1112	19.267	583.8	2820	50444	2.37	12.81
186	7/5/2006	19.26	21.58	17.13	100	83.3	0.6	75.9	552.5	6.555	226.6	1380	19575	2.955	10.12
187	7/6/2006	15.27	21.22	8.92	100	45.54	0.07	240.3	1211	20.761	568.8	2823	49145	2.809	12.63
188	7/7/2006	14.94	23.55	7.04	100	42.01	0	245.2	1247	21.182	552	2823	47694	0.974	9.41
189	7/8/2006	16.99	25.25	9.92	100	41.46	0	235.7	1201	20.363	573.1	2820	49512	0.911	9.23
190	7/9/2006	18.29	24.59	12.18	100	51.63	0	224.7	1020	19.412	669.1	2818	57809	1.759	10.48
191	7/10/2006	20.84	27.99	16.02	100	49.32	0.05	245.2	1142	21.188	650.1	2822	56171	1.93	10.12
192	7/11/2006	20.34	28.35	14.29	100	52.96	0.84	210.8	1046	18.217	571.9	2820	49414	1.545	14.6
193	7/12/2006	23.55	29.68	18.14	100	47.12	0	270.6	1004	23.383	783	2819	67665	2.49	12.27
194	7/13/2006	22.59	28.59	19.9	100	59.22	0.65	144.2	1199	12.461	391.8	2815	33851	2.172	12.09
195	7/14/2006	22.29	27.8	19.57	100	66.86	0.7	173.4	1320	14.981	449.3	2819	38821	2.346	11.2
196	7/15/2006	22.11	28.19	17.56	100	58.83	0.04	191.2	1314	16.523	461.3	2820	39859	2.643	12.09
197	7/16/2006	22.19	29.73	15.84	100	45.82	0	292.9	1074	25.308	646.7	2820	55876	1.658	10.12
198	7/17/2006	23.71	31.67	16.04	100	31.61	0	323	942	27.907	683.5	2821	59055	1.284	8.16
199	7/18/2006	23.09	32.48	15.56	100	42.01	0.01	264.1	1151	22.819	643.4	2820	55588	1.352	15.67
200	7/19/2006	22.89	31.79	14.86	100	36.14	0	294.4	1031	25.44	678.4	2820	58612	1.245	9.77
201	7/20/2006	23.17	30.49	16.27	98.4	48.35	0	274.3	1115	23.703	773	2820	66747	1.676	10.66
202	7/21/2006	23.57	29.28	18.79	100	51.79	0.51	230.7	1154	19.934	657.3	2819	56792	2.277	12.45
203	7/22/2006	19.75	24.93	16.55	98.1	66.34	0.26	145	1349	12.528	365.3	2817	31560	3.344	13.34
204	7/23/2006	18.68	24.81	12.71	98.9	42.91	0	299.7	1130	25.892	810	2822	69975	1.706	8.87
205	7/24/2006	19.68	28	10.76	99.6	41.46	0	261.9	1113	22.63	697.6	2820	60276	1.39	8.51
206	7/25/2006	21.51	27.61	16.47	98.7	54.81	0.03	193.2	1172	16.695	523.2	2812	45208	1.077	6.904
207	7/26/2006	21.65	28.93	14.7	100	40.59	0	305	1092	26.351	851	2821	73537	1.667	11.38
208	7/27/2006	23.04	28.58	16.93	98.6	53.29	0	261.5	1304	22.592	613.4	2821	52998	2.775	13.88
209	7/28/2006	22.9	28.2	19.11	96.9	58.04	0.5	197.9	1222	17.095	505.4	2819	43670	2.711	16.21
210	7/29/2006	20.23	23.16	18.24	99.6	77.8	0.02	91.2	660.5	7.8816	272	2107	23502	2.25	9.23
211	7/30/2006	22.46	28.4	17.87	100	59.38	0	173.9	1064	15.026	465.2	2580	40196	1.717	11.91
212	7/31/2006	23.12	31.16	16.53	100	47.74	0	274.4	1000	23.712	797	2819	68837	1.344	8.33

Summary:		21.14	32.48	7.04	100.0	31.6	4.47	231.28	1349.0	619.47	600.24	2823	1607644.0	1.98	16.21
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