

Plumley Farm Research Site, Raleigh County, WV
37° 48' N latitude; 80° 59' W longitude; 890 m (2920 ft) elevation

Day	Date	Total Precip (in.)	Min Temp (°C)	Max Temp (°C)	Ave Temp (°C)	Min RH (%)	Max RH (%)	Max PAR (μmol/s/m2)	Ave PAR (μmol/s/m2)	Total PAR Flux (mmol/m2)	Min Wind (MPH)	Max Wind (MPH)	Ave Wind (MPH)	Max Solar Radiation (W/M2)	Ave Solar Radiation (W/M2)	Total Solar Radiation (MJ)	Total DETo (mm)
183	7/1/2008	0.01	10.8	20.39	15.02	51.74	99.8	2721	540.9	46733	0	14.06	4.365	1389	280.8	24.259	3.504
184	7/2/2008	0	11.38	25.5	19.04	33.39	91.5	2338	671.3	58003	0	9.65	4.002	1215	344.8	29.795	5.236
185	7/3/2008	0	17.53	25.85	20.99	37.11	87.2	2255	595.9	51489	0	12.51	4.503	1171	308.1	26.619	4.941
186	7/4/2008	0.09	16.54	23.9	18.94	64.74	98.8	1990	230.6	19921	0	11.44	3.853	1023	114.8	9.9213	1.809
187	7/5/2008	0.03	15.29	24.38	18.91	62.75	100	2853	324.1	28005	0	9.65	3.143	1342	159	13.735	2.29
188	7/6/2008	0.61	15.62	26.01	18.55	58.54	100	2431	303.3	26201	0	11.02	3.523	1254	155.8	13.459	2.298
189	7/7/2008	0.11	14.78	26.9	18.94	46.77	100	2471	372.4	32177	0	18.23	4.517	1274	193.3	16.703	2.745
190	7/8/2008	1.25	17	26.18	19.3	63.38	99.8	2659	324.3	28018	0	17.88	4.796	1302	167.2	14.445	2.341
191	7/9/2008	1.23	17.2	25.97	19.94	66.22	100	2725	380.4	32863	0	13.88	4.901	1346	188.9	16.322	2.682
192	7/10/2008	0	16.31	24.43	19.67	44.94	99.5	2125	510.4	44094	0	9.94	3.074	1112	264	22.814	3.847
193	7/11/2008	0	14.32	26.34	20.68	38.86	97.3	1967	675.4	58356	0	10.24	2.746	995	339.6	29.34	5.188
194	7/12/2008	0	16.81	29.31	22.85	50.43	92	2303	586.6	50686	0	12.99	4.99	1163	292.8	25.297	4.724
195	7/13/2008	0.49	17.08	25.7	21.29	67.45	99.4	2589	310.5	26827	0	11.08	4.412	1318	152.6	13.185	2.362
196	7/14/2008	0	14.56	23.92	18.42	47.65	100	2484	662.6	57244	0	10.6	3.912	1266	342.7	29.606	4.836
197	7/15/2008	0	14.78	25.04	19.29	44.92	86.1	2386	515.5	44542	0	8.16	2.926	1221	261.3	22.577	3.907
198	7/16/2008	0	15.18	27.23	20.85	43.68	80.9	2253	597.5	51626	0	10.84	2.926	1152	300.6	25.969	4.617
199	7/17/2008	0	16.25	30.56	22.31	34.82	88.9	1985	661.2	57125	0	13.05	2.135	1005	331.3	28.625	5.074
200	7/18/2008	0	16.63	28.37	22.2	36.27	91	1973	666.3	57569	0	11.56	2.876	1002	338.6	29.259	5.23
201	7/19/2008	0	17.76	28.91	23.15	30.39	80.4	2065	640.3	55318	0	10.06	3.029	1049	322.2	27.842	5.206
202	7/20/2008	0.02	18.58	28.78	23.47	52.02	97	2264	564.4	48761	0	18.41	3.84	1174	283.1	24.458	4.48
203	7/21/2008	0	17.8	29.16	23.46	47.74	93.5	2271	608.5	52573	0	10.36	3.318	1150	304.9	26.348	4.65
204	7/22/2008	0.23	16.46	30.28	22.06	46.68	99.9	2047	552	47690	0	19.49	4.342	1033	275.5	23.804	4.299
205	7/23/2008	0.3	14.09	23.66	17.3	72.4	100	2200	191.8	16569	0	13.58	4.481	1142	96.7	8.3586	1.302
206	7/24/2008	0.01	11.71	22.73	17.13	39.11	99.8	2175	644.1	55649	0	12.09	4.026	1097	334	28.863	4.564
207	7/25/2008	0	13.08	25.36	18.74	50.97	88.5	2422	480.3	41499	0	11.02	4.885	1243	243.4	21.03	3.496
208	7/26/2008	0	16.89	27.82	21.41	55.4	92.1	2492	456.1	39409	0	11.56	2.882	1269	226.9	19.604	3.405
209	7/27/2008	0	16.17	26.04	21.19	49.64	97.1	2545	545.3	47110	0	12.21	3.899	1297	279.2	24.121	4.166
210	7/28/2008	0	14.85	29.33	20.36	38.7	96.3	2268	539.1	46576	0	11.79	2.707	1148	269.8	23.313	4.034
211	7/29/2008	0	16.19	28.58	22.45	49.75	98.6	2282	595.8	51478	0	9.77	2.705	1150	297.7	25.721	4.581
212	7/30/2008	0	18.96	29.16	22.93	53.29	96	2505	470.8	40677	0	12.57	3.701	1228	233.5	20.172	3.605
213	7/31/2008	0.65	17.92	23.23	19.87	76.8	99.4	1796	238.5	20604	0	9.29	2.777	944	116.7	10.087	1.67
	Jul-08	5.03	10.8	30.56	20.35	30.39	100	2853	498.59	1335392	0	19.49	3.68	1389	252.25	675.6519	117.089