

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)	DETo (mm)
213	08/01/2007	0	17.52	31.19	23.17	33.57	99.4	1605	505.6	43692	0	8.57	1.75	1049	327.3	28.277	5.069
214	08/02/2007	0	17.38	29.94	22.98	40.28	88.9	1492	451.5	39015	0	9.11	4.124	975	300.7	25.983	4.711
215	08/03/2007	0	18.93	28.62	23.52	45.4	91.7	1492	428.8	37058	0	8.99	2.588	1004	286.6	24.765	4.533
216	08/04/2007	0	18.44	28.69	23.65	46.26	98.5	1533	428.2	37001	0	10	2.57	1001	284.8	24.604	4.554
217	08/05/2007	0	20.16	25.08	21.96	62.04	96.2	938	169.3	14634	0	9.71	3.424	629.5	111.9	9.6654	1.777
218	08/06/2007	0	20.4	28.47	23.84	61.68	96.3	1622	309	26705	0	10.42	3.62	1131	205.2	17.729	3.269
219	08/07/2007	1.12	19.84	29.92	24.43	59.87	99	1432	303.7	26241	0	12.27	3.038	1051	202.5	17.499	3.094
220	08/08/2007	0	21.81	32.02	26.35	48.44	93.4	1677	422.2	36482	0	10.18	3.432	1106	272.4	23.536	4.482
221	08/09/2007	0	22.95	32.05	26.67	48.7	83	1664	401.3	34676	0	10.42	3.711	1124	256.2	22.135	4.389
222	08/10/2007	0	20.28	29.56	24.4	48.43	95.5	1798	427.2	36921	0	13.34	4.731	1125	275.6	23.814	4.452
223	08/11/2007	0	17.27	26.17	21.48	49.03	99.3	1530	468.8	40510	0	11.67	3.987	1007	303.8	26.245	4.567
224	08/12/2007	0	16.87	28.69	22.11	35.24	92.9	1591	450	38892	0	10.48	4.648	1066	290.9	25.131	4.676
225	08/13/2007	0	16.78	27.4	22.14	49.22	81.9	1802	439.2	37955	0	14.24	4.365	1134	282.5	24.411	4.439
226	08/14/2007	0	14.09	25.89	20.42	26.86	86.7	1479	440.2	38043	0	8.63	2.42	973	289.8	25.038	4.551
227	08/15/2007	0	16.16	31.47	23.9	26.57	69.23	1424	422.4	36505	0	7.08	3.214	881	263.8	22.793	4.664
228	08/16/2007	0.16	17.28	33.01	25.65	33.25	100	1660	392.1	33881	0	18.83	4.937	994	232.7	20.105	4.546
229	08/17/2007	0	17.27	26.52	21.47	55.85	100	1812	478.8	41378	0	12.63	4.039	1081	284.5	24.584	4.253
230	08/18/2007	0	13.53	25.54	18.96	29.07	94.7	1438	430	37161	0	8.63	3.978	895	270.6	23.376	3.989
231	08/19/2007	0	16.34	30.45	23.44	46.26	74.1	1651	407.9	35248	0	15.13	5.13	961	238.3	20.586	4.253
232	08/20/2007	0	20.27	30.64	25.15	42.79	82.9	1689	381.7	32988	0	13.76	4.463	971	218.9	18.917	3.971
233	08/21/2007	0.23	18.94	27.87	22.24	56.04	99	2062	286.7	24779	0	13.76	4.544	1145	160	13.825	2.508
234	08/22/2007	0.07	18.67	29.78	22.94	53.99	99.4	1721	307.1	26543	0	19.55	3.303	1041	182.2	15.743	2.791
235	08/23/2007	0	19.74	34.18	25.04	39.82	100	1703	383	33099	0	11.44	4.802	985	224.6	19.406	3.567
236	08/24/2007	0	20.51	33.76	25.27	32.31	99.5	1753	436.5	37718	0	11.44	5.819	1033	254	21.946	4.506
237	08/25/2007	0.52	18.9	32.13	23.64	42	98.4	1692	373	32230	0	13.7	4.446	957	214.4	18.529	3.594
238	08/26/2007	0	17.85	26.14	20.92	56.13	98.6	2181	343.3	29669	0	9.83	3.666	1373	205.2	17.726	3.021
239	08/27/2007	0	17.38	28.11	21.54	56.39	99.9	1720	356.4	30800	0	14.36	4.471	1068	215.8	18.642	3.225
240	08/28/2007	0	18.41	31.24	23.2	44.25	97.2	1651	362.1	31294	0	11.44	4.575	994	217.8	18.816	3.456
241	08/29/2007	0	19.02	30.24	24.28	35.28	96.6	1684	454.5	39277	0	10.06	3.752	955	265.3	22.926	4.472
242	08/30/2007	0	18.23	25.68	21.51	67.57	97.6	1261	258.7	22357	0	11.08	4.179	768	152	13.13	2.187
243	08/31/2007	0	16.26	25.5	19.44	63.94	100	1685	327.2	28280	0	12.75	4.815	1024	193.7	16.735	2.756
	Aug-07	2.1	13.53	34.18	23.09	26.57	100	2181	388.59	1041032	0	19.55	3.95	1373	241.42	646.6174	120.322