

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)
121	05/01/2007	0	17.04	28.11	22.08	23	57.31	1524	464.1	40108	1.417	15.31	5.35	990	301.4	26.041	5.648
122	05/02/2007	0.69	14.98	23.59	17.81	49.54	99.9	1411	180.1	15568	0	15.79	4.293	900	117.7	10.168	1.978
123	05/03/2007	0.55	8.83	15.31	11.7	98.9	100	308.2	49	4234.3	0	16.15	7.42	217	32.55	2.812	0.244
124	05/04/2007	0	8.21	11.61	9.66	92.2	100	807	138.5	11973	4.22	18.89	11.03	556.3	96.5	8.3367	0.818
125	05/05/2007	0.22	8.19	13.11	10.69	88.4	100	551.8	106.6	9215.6	0	15.43	8.07	402.1	71.2	6.1549	0.647
126	05/06/2007	0.01	6.353	18.14	12.11	17.82	100	1908	435.7	37648	0	16.92	5.364	1335	298.4	25.782	3.984
127	05/07/2007	0	3.299	20.11	11.65	17.44	63.63	1560	524.5	45322	1.06	21.57	6.785	1044	353.5	30.546	4.899
128	05/08/2007	0	5.96	24.39	15	21.31	78.2	1561	523.9	45273	1.119	15.43	5.958	1062	351.5	30.372	5.167
129	05/09/2007	0	11.65	23.98	17.36	39.13	92.4	1789	476.6	41183	2.133	18.59	8.38	1199	322.1	27.827	4.465
130	05/10/2007	0	13.31	25.74	19.32	36.37	93.7	1717	347.9	30062	0	15.43	5.458	1162	229.6	19.838	3.592
131	05/11/2007	0	16.79	26.45	20.89	33.63	76.8	1636	493.6	42655	0	14.24	3.863	1060	323.4	27.944	5.227
132	05/12/2007	0	15.19	25	19.79	34.21	77.6	1770	394	34051	0	14.3	4.061	1178	260.7	22.521	4.222
133	05/13/2007	0.09	7.19	19.47	13.73	30.32	96.9	1501	504.1	43566	0	12.99	6.11	1038	350.2	30.255	4.537
134	05/14/2007	0	8.22	23.05	14.96	28.05	65.6	1475	443.4	38322	1.716	17.7	7.79	1023	301.3	26.029	4.626
135	05/15/2007	0	13.26	24.64	19.02	43.41	74.8	1639	432.2	37350	1.537	13.34	5.727	1146	293.3	25.343	4.558
136	05/16/2007	0.51	7.97	19.35	14.98	61.71	98.8	1003	170.4	14725	1.119	19.67	7.33	744	116.9	10.104	1.653
137	05/17/2007	0.21	4.427	16.29	9.68	44.85	99.2	1694	456.1	39419	0	15.55	5.001	1164	314.7	27.194	3.646
138	05/18/2007	0	3.295	10.62	6.17	67.69	99.8	2034	219.5	18969	0	13.17	5.602	1480	157.6	13.613	1.473
139	05/19/2007	0.01	3.249	16.53	10.25	28.48	98.8	1523	518.2	44784	1.537	12.15	4.527	1056	351.2	30.342	4.275
140	05/20/2007	0	9.74	22.13	15.71	28.14	62.55	1888	497.9	43028	1.537	14.12	4.744	1219	324.7	28.052	4.707
141	05/21/2007	0	13.12	24.08	18.38	40.21	78.4	1616	512.3	44269	0	10.66	4.08	1058	328.8	28.406	4.934
142	05/22/2007	0	12.8	25.68	17.99	35.27	94.6	1558	400.6	34619	1.179	14.42	5.4	1034	270.6	23.38	4.053
143	05/23/2007	0.74	13.24	24.99	17.18	50.55	98.1	1617	372.7	32211	0	20.26	6.859	1081	253.1	21.872	3.585
144	05/24/2007	0.01	12.93	24.87	17.91	47.46	98	1562	496.5	42903	1.298	13.17	6.718	1008	329.2	28.443	4.617
145	05/25/2007	0	14.21	26.59	19.85	38.72	85.8	1626	499.6	43171	0	10.6	4.179	1097	326	28.171	4.895
146	05/26/2007	0	16.72	26.64	21.19	32.69	81.7	1711	411.2	35532	0	9.29	3.008	1152	273.9	23.665	4.382
147	05/27/2007	0	16.82	26.24	20.78	42.55	83.4	1759	341.4	29505	0	11.61	3.298	1176	229.2	19.806	3.67
148	05/28/2007	0	17.6	25.99	21.23	41.03	76.7	1529	398.8	34464	0	10.18	3.36	1116	269.6	23.291	4.21
149	05/29/2007	0	16.01	27.09	20.96	37.54	82.4	1635	360.8	31175	0	9.17	2.882	1088	240.7	20.797	3.902
150	05/30/2007	0	16.34	28.69	22.19	30.76	89.1	1624	462.4	39962	0	9.77	3.993	1059	307.3	26.549	5.067
151	05/31/2007	0.13	15.18	27.71	19.93	41.91	98	1506	325.8	28153	0	17.28	4.355	1082	218.4	18.871	3.534
	May-07	3.17	3.249	28.69	16.46	17.44	100	2034	385.75	1033419.9	0	21.57	5.52	1480	258.56	692.5256	117.215