

**AFSRC Forest Open Site Raleigh County, WV**  
**37°46' latitude; 81°7' longitude, 765 m (2510 ft) elevation**

Day	Date	Rain	Ave Air Temp	Max Air Temp	Min Air Temp	Max RH	Min RH	Ave PAR	Max PAR	Min PAR	Tot PAR	Ave PAR2	Max PAR2	Min PAR2	Tot PAR2	Ave Wm2	Max Wm2	Min Wm2	Tot MJ	Ave Wind	Max Wind	Min Wind	DETo
213	08/01/2005	0	21.4	29.7	15.91	99.4	46.22	348.1	1639	0	30078	312.6	1477	0	27005	288.6	1349	0	24.936	0.437	5.95	0	5.143
214	08/02/2005	0	22.58	31.18	15.4	99.3	38.78	451.5	1629	0	39013	393.5	1364	0	34000	361.5	1227	0	31.232	0.612	7.5	0	6.729
215	08/03/2005	0	23.23	31.43	16.37	98.8	38.16	442.3	1552	0	38213	386	1346	0	33346	358	1207	0	30.928	0.703	7.02	0	6.762
216	08/04/2005	0	23.32	33.21	15.47	97.6	31.06	412.5	1615	0	35640	358.8	1336	0	30997	332.9	1233	0	28.763	0.517	5.353	0	6.364
217	08/05/2005	0	23.47	32.18	16.64	97.9	40.95	355.8	1294	0	30740	315.8	1112	0	27285	295.3	1075	0	25.518	0.676	6.606	0	5.537
218	08/06/2005	0.37	20.82	29.76	16.55	99	52.22	239.9	1233	0	20726	217.3	1115	0	18773	207.3	1085	0	17.913	1.014	8.51	0	3.592
219	08/07/2005	0.02	20.95	26.36	18.11	98.1	58.28	201.6	1255	0	17414	186.9	1197	0	16144	173.3	1118	0	14.971	1.212	6.486	0	2.979
220	08/08/2005	0.49	19.35	23.55	17.28	98.8	69.99	143.1	1137	0	12365	127.5	961	0	11016	119	926	0	10.277	0.73	6.486	0	1.869
221	08/09/2005	0.01	21.23	27.51	18.01	99	61.32	245.6	1920	0	21223	220.6	1567	0	19063	206.7	1495	0	17.856	1.042	6.248	0	3.545
222	08/10/2005	0	22.17	29.09	17.08	99.4	52.86	273.6	1404	0	23637	247.6	1284	0	21396	231.6	1223	0	20.011	0.854	6.784	0	4.107
223	08/11/2005	0.19	22.18	30	17.95	98.9	45.1	254	1461	0	21948	204.8	1293	0	17696	217	1209	0	18.75	0.467	7.38	0	3.85
224	08/12/2005	0	23.91	31.98	17.69	99.4	38.75	390.2	1382	0	33713	342.7	1194	0.212	29605	328.3	1136	0	28.364	0.911	7.32	0	6.127
225	08/13/2005	0.1	23.74	31.67	18.69	98.8	44.75	293.4	1493	0	25349	265.3	1278	0.212	22918	244.8	1188	0	21.149	0.467	6.367	0	4.522
226	08/14/2005	0	23.25	30.8	18.77	99.1	42.89	308	1749	0	26615	274.8	1522	0.212	23746	257.2	1434	0	22.224	0.823	6.963	0	4.636
227	08/15/2005	0	23.69	31.39	18.75	99	46.98	348.3	1771	0	30096	315	1567	0.071	27213	287.8	1399	0	24.87	1.115	8.69	0	5.259
228	08/16/2005	1.61	21.79	29.16	19	99.8	62.87	209.2	1628	0	18072	188.3	1456	0.071	16267	176.4	1366	0	15.238	0.769	9.53	0	3.045
229	08/17/2005	0.01	21.89	30.15	18.57	99.6	49.89	272.2	1515	0	23515	243.8	1407	0.071	21063	232.9	1393	0	20.119	0.566	5.532	0	4.098
230	08/18/2005	0.51	20.35	24.69	18.42	98.8	75.7	146.6	1556	0	12664	135.4	1345	0.071	11698	124.3	1348	0	10.739	2.581	8.63	0	1.969
231	08/19/2005	0.41	22.91	29.74	18.7	99.6	61.42	276	1926	0	23844	246.1	1623	0.071	21264	230.8	1529	0	19.94	1.108	6.427	0	4.018
232	08/20/2005	0.36	24.28	30.62	20.32	99.3	61.7	286.8	1554	0	24777	259.5	1433	0	22418	247.3	1392	0	21.365	1.039	9.17	0	4.368
233	08/21/2005	0	23.47	29.07	18.33	98.7	41.54	421.8	1505	0	36447	370.9	1326	0	32045	344.5	1210	0	29.765	1.832	9.29	0	6.244
234	08/22/2005	0	20.46	26.7	14.52	97.1	52.46	286.6	1724	0	24764	261.8	1576	0	22624	243.5	1422	0	21.037	0.937	8.57	0	4.258
235	08/23/2005	0.01	20.03	26.65	15.58	99.4	60.77	208.6	1435	0	18024	192	1392	0	16591	183.7	1353	0	15.871	0.926	6.844	0	3.112
236	08/24/2005	0	19.83	27.38	14.22	98.3	58.22	212.4	1627	0	18348	197.6	1477	0	17069	187.9	1438	0	16.238	0.588	6.606	0	3.208
237	08/25/2005	0	21.31	28.17	17	95.1	49.34	369.6	1378	0	31934	324.8	1221	0.212	28059	308.8	1201	0	26.684	2.335	9.17	0	5.359
238	08/26/2005	0.86	17.73	18.65	16.92	98.6	83.5	46.87	254.2	0	4049.3	46.82	252.9	0.142	4045	41.24	237.8	0	3.5628	2.193	6.546	0	0.499
239	08/27/2005	0.32	18.63	22.36	16.51	99.4	85.5	78.1	1055	0	6752.1	70.1	924	0.142	6060	66.58	953	0	5.7526	1.128	7.2	0	0.938
240	08/28/2005	0	21.39	29.05	16.61	99.8	51.42	302.8	1427	0	26165	261.6	1270	0.142	22597	250.9	1244	0	21.681	0.58	6.427	0	4.411
241	08/29/2005	0	21.34	24.49	18.41	97.5	71.1	152.7	969	0	13192	135.8	871	0.142	11729	120.6	814	0	10.424	1.544	7.8	0	1.962
242	08/30/2005	0.06	22.36	26.31	20.09	97.1	73.2	168.3	1840	0	14542	152.5	1709	0.142	13178	142.4	1556	0	12.305	3.719	10	0	2.363
243	08/31/2005	0.1	19.38	23.24	16.68	98.6	72	143.3	1379	0	12381	129.3	1038	0.142	11172	129.1	1093	0	11.156	3.286	11.61	0	1.921
August	Summary	5.43	21.6916129	33.21	14.22	99.8	31.06	258.28172	1926	0	716240.4	238.24258	1709	0	638082	223.87806	1556	0	599.6394	1.1842258	11.61	0	122.794