

Summary WL Data for January 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	8.7	5.0	7.0	0.32	1018.4	1005.9	1012.3	39	5.7	139	10	11	0.5	1.0
2	9.1	6.7	8.0	0.00	1029.4	1018.4	1024.1	33	5.4	132	10	7	0.0	0.6
3	11.7	8.2	10.4	0.65	1027.3	1003.2	1014.0	44	8.6	207	9	3	0.0	0.3
4	9.6	8.3	9.0	0.11	1017.1	1004.9	1012.0	32	6.1	149	10	9	0.0	0.8
5	11.2	7.8	9.2	0.23	1016.4	1011.9	1014.5	36	6.2	149	9	13	0.0	1.2
6	9.3	7.2	8.2	0.26	1015.3	1009.0	1011.5	24	3.7	90	8	9	0.0	0.8
7	11.0	7.6	10.1	1.98	1008.2	991.9	1000.9	42	8.7	211	9	4	0.0	0.4
8	12.4	6.8	9.3	0.42	998.9	990.2	995.0	36	6.2	151	9	5	0.0	0.5
9	12.0	8.4	10.4	1.19	1001.0	993.5	997.3	33	7.7	186	10	4	0.0	0.4
10	10.5	4.2	7.3	0.44	1016.5	998.2	1008.6	30	4.7	115	9	14	0.0	1.2
11	11.8	7.2	9.7	1.30	1018.5	997.8	1006.5	51	11.1	267	10	17	1.0	1.5
12	12.5	8.0	11.1	0.09	1018.9	1014.8	1016.6	46	14.3	344	10	13	0.0	1.2
13	11.5	7.1	9.6	0.61	1019.9	1005.8	1013.2	46	8.2	198	10	7	0.0	0.7
14	9.3	6.1	7.9	0.00	1026.7	1020.6	1024.7	26	6.8	165	10	24	0.5	2.1
15	11.1	7.7	9.2	0.12	1023.7	1011.2	1016.4	35	7.5	182	9	12	0.0	1.1
16	11.2	6.6	7.8	0.28	1012.7	1003.8	1009.7	26	1.8	46	2	9	0.0	0.9
17	9.8	4.9	7.6	1.09	1003.0	996.2	1000.7	40	8.7	211	9	23	0.5	2.0
18	12.9	5.6	10.0	1.04	1001.8	978.9	989.9	59	13.5	325	9	11	0.0	1.0
19	11.8	9.4	10.8	0.61	1014.7	1002.5	1009.4	38	9.5	229	9	18	0.0	1.6
20	12.0	5.9	8.4	0.51	1008.6	998.3	1005.1	42	12.3	297	9	29	1.5	2.5
21	6.8	1.5	5.5	0.37	1011.0	1001.1	1008.3	37	6.5	157	10	19	0.0	1.7
22	5.1	0.0	3.3	0.01	1029.1	1011.1	1021.3	34	9.5	228	1	42	3.5	3.7
23	3.6	0.2	2.0	0.00	1028.9	1014.9	1023.9	32	4.5	110	2	32	1.5	2.8
24	5.3	2.6	4.1	0.05	1021.8	1012.4	1016.2	28	9.2	221	2	26	0.5	2.3
25	5.9	-1.4	1.4	0.00	1030.7	1022.2	1028.1	20	1.5	37	0	50	4.0	4.3
26	8.6	0.6	6.0	0.03	1029.7	1024.3	1026.2	18	1.8	46	7	11	0.0	1.0
27	8.7	5.8	7.3	0.00	1034.9	1029.9	1033.3	20	2.3	56	2	22	0.0	2.0
28	9.3	6.1	7.8	0.01	1034.2	1028.4	1030.3	24	3.8	94	10	16	0.0	1.4
29	9.3	5.7	7.6	0.00	1029.5	1028.0	1028.6	15	0.9	24	1	20	0.0	1.8
30	7.1	5.1	5.9	0.00	1028.5	1023.8	1026.3	14	1.1	28	1	19	0.0	1.7
31	10.0	5.7	8.7	0.02	1026.5	1022.2	1023.8	24	3.6	87	10	13	0.0	1.2
Monthly Values	Max 12.9	Min -1.4	Mean 7.8	Total 11.74	Max 1034.9	Min 978.9	Mean 1014.5	Max 59	Mean 6.5	Total 4872	---	Mean 17	Total 13.5	Total 45.6

Days with Air Frost (T<=-0.1°C) = 1

Rain Days (>0.01In) = 22;

Wet Days (>0.05In) = 19

Summary WL Data for February 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	10.8	7.7	9.4	0.00	1029.9	1026.8	1028.8	10	0.8	20	6	22	0.0	2.0
2	10.1	-0.4	6.9	0.01	1040.1	1029.3	1034.5	24	4.0	97	2	65	5.0	5.6
3	10.8	-1.5	1.6	0.01	1040.9	1037.5	1039.5	6	0.2	7	1	64	5.0	5.5
4	10.3	-2.0	1.7	0.00	1037.1	1023.9	1030.7	9	0.4	11	0	61	5.0	5.3
5	7.3	-2.2	1.7	0.00	1023.5	1014.6	1019.3	17	2.1	51	2	60	3.5	5.2
6	4.8	-4.2	-0.8	0.01	1014.3	1003.8	1007.5	12	0.8	20	2	60	4.5	5.2
7	4.1	-6.1	-1.5	0.01	1003.7	990.7	1000.1	13	1.0	26	2	71	4.5	6.2
8	1.5	-1.1	-0.1	0.04	996.6	984.0	988.7	18	2.8	68	1	26	0.0	2.3
9	1.6	-1.8	0.6	0.16	1002.8	995.7	1000.0	15	1.4	35	0	11	0.0	1.0
10	3.1	1.0	1.9	0.47	995.4	987.0	992.9	11	0.4	11	0	17	0.0	1.5
11	9.5	2.5	7.1	0.40	990.1	983.2	986.8	35	5.1	124	9	56	2.5	4.9
12	8.7	6.1	7.3	0.69	1000.1	976.1	985.7	33	2.8	70	2	20	0.0	1.8
13	8.4	5.9	6.9	0.48	1005.5	995.7	1001.8	25	2.8	68	10	30	0.0	2.6
14	11.0	1.6	5.9	0.01	1012.7	996.0	1004.4	19	1.9	48	2	85	5.0	7.4
15	12.2	2.8	9.8	0.17	1011.5	1004.8	1007.8	32	6.2	149	9	22	0.0	1.9
16	7.8	5.8	6.6	0.27	1008.3	1006.6	1007.3	7	0.3	8	7	14	0.0	1.3
17	10.2	5.5	7.4	0.01	1017.5	1008.3	1012.8	22	4.4	107	2	72	5.0	6.3
18	9.8	-0.1	5.2	0.01	1019.3	1012.6	1016.9	14	1.2	29	2	59	2.5	5.1
19	10.3	5.4	7.7	0.17	1012.3	998.7	1004.2	14	1.1	29	9	15	0.0	1.4
20	12.1	6.7	9.2	0.13	1004.6	999.7	1003.0	15	1.1	28	10	55	4.0	4.8
21	9.7	5.8	7.4	0.31	1004.9	999.5	1002.9	18	2.1	52	8	44	1.0	3.9
22	10.9	7.3	9.7	0.39	998.8	995.0	996.0	16	2.9	71	8	22	0.0	2.0
23	10.2	7.0	8.4	0.40	995.6	988.4	992.1	14	1.2	30	8	17	0.0	1.5
24	9.3	6.8	8.1	0.39	992.6	988.3	990.6	25	4.0	97	9	29	0.0	2.5
25	9.5	5.7	8.0	0.49	1008.6	989.4	998.2	24	4.0	98	2	27	0.0	2.4
26	9.7	3.2	6.8	0.01	1017.9	1009.1	1014.7	25	3.1	76	10	67	3.0	5.9
27	11.2	4.1	9.0	0.98	1015.3	992.9	1001.6	46	9.3	226	10	16	0.0	1.4
28	10.3	6.1	8.7	0.36	992.4	984.1	987.5	44	13.3	320	9	49	2.5	4.3
Monthly Values	Max 12.2	Min -6.1	Mean 5.7	Total 6.38	Max 1040.9	Min 976.1	Mean 1005.6	Max 46	Mean 2.9	Total 1969	---	Mean 41	Total 53.0	Total 101.2

Days with Air Frost (T<=-0.1°C) = 9

Rain Days (>0.01In) = 17;

Wet Days (>0.05In) = 16

Summary WL Data for March 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	8.4	2.7	6.6	0.02	1002.8	987.7	994.1	29	4.1	100	10	48	1.0	4.2
2	9.9	1.1	5.6	0.16	1004.3	994.2	1000.1	20	0.9	23	2	49	0.0	4.3
3	10.3	5.3	7.9	0.04	1012.8	995.6	1005.5	22	4.6	112	9	81	3.0	7.0
4	11.3	3.5	7.2	0.56	1012.4	993.2	1000.2	29	2.9	71	8	6	0.0	0.6
5	10.2	3.4	7.6	0.54	1004.4	986.6	998.2	34	8.0	194	9	40	0.0	3.5
6	11.7	6.3	8.7	0.59	995.6	984.6	992.4	39	7.0	170	9	103	4.0	8.9
7	10.4	4.5	7.2	0.03	1012.4	995.5	1002.2	19	2.0	50	9	91	4.0	7.9
8	9.8	2.8	6.7	0.45	1022.1	1012.9	1019.3	21	3.3	81	9	84	4.0	7.3
9	10.4	5.6	7.6	0.00	1034.1	1019.5	1027.3	25	3.0	73	10	82	2.5	7.1
10	11.2	6.6	9.4	0.00	1035.1	1030.9	1033.3	30	6.3	152	10	52	0.5	4.5
11	12.8	7.6	10.1	0.00	1030.7	1018.4	1024.2	27	4.7	115	8	54	2.0	4.7
12	11.6	4.3	8.4	0.29	1027.4	1017.2	1022.4	20	4.2	102	9	99	6.0	8.6
13	10.6	4.3	7.6	0.01	1034.0	1027.0	1030.3	22	2.8	69	9	79	2.5	6.8
14	12.9	3.2	8.1	0.00	1035.8	1031.6	1034.1	21	1.4	34	7	131	5.0	11.4
15	10.4	3.1	8.1	0.16	1031.5	1025.3	1027.6	25	4.1	99	9	30	0.0	2.6
16	9.6	0.0	5.8	0.01	1029.6	1022.9	1026.7	31	4.9	119	2	45	0.5	3.9
17	10.6	8.2	9.6	0.74	1023.8	1007.0	1019.2	37	8.8	214	10	41	0.0	3.6
18	10.7	1.4	5.3	0.28	1006.9	995.0	1002.3	41	7.5	180	10	62	0.0	5.4
19	6.4	2.2	4.2	0.23	1012.6	992.9	1002.5	28	5.6	135	2	81	2.0	7.0
20	5.3	0.1	3.1	0.00	1022.5	1012.6	1018.5	33	8.6	207	2	115	4.5	10.0
21	8.4	-3.3	2.5	0.03	1023.1	1018.2	1021.1	15	1.5	38	1	142	6.0	12.3
22	11.4	3.5	7.4	0.16	1021.5	1016.7	1019.0	16	2.1	52	2	77	1.5	6.7
23	12.4	3.8	7.7	0.00	1022.0	1017.9	1020.0	18	4.0	97	2	126	5.5	10.9
24	12.4	2.7	7.1	0.00	1024.3	1020.7	1022.4	19	3.8	92	1	172	7.5	14.9
25	12.8	6.9	9.5	0.00	1022.1	1019.4	1020.3	23	6.3	145	1	139	5.0	11.6
26	14.7	2.6	7.9	0.00	1022.3	1018.1	1020.5	17	2.0	50	2	171	7.5	14.9
27	16.5	1.1	7.2	0.00	1018.8	1014.5	1016.7	12	1.2	31	1	150	5.5	13.0
28	10.8	0.5	6.0	0.00	1016.7	1015.2	1015.9	14	1.0	24	1	71	0.5	6.2
29	8.6	2.5	5.9	0.02	1015.7	1011.0	1013.0	18	1.9	46	15	129	5.0	11.2
30	10.4	2.8	7.8	0.02	1021.4	1011.9	1015.2	18	4.6	112	1	51	1.0	4.5
31	13.6	5.7	9.9	0.00	1030.7	1021.7	1025.8	28	8.4	202	1	128	4.5	11.1
Monthly Values	Max 16.5	Min -3.3	Mean 7.2	Total 4.34	Max 1035.8	Min 984.6	Mean 1015.8	Max 41	Mean 4.2	Total 3184	---	Mean 88	Total 91.0	Total 236.7

Days with Air Frost (T<=-0.1°C) = 1

Rain Days (>0.01In) = 17;

Wet Days (>0.05In) = 11

Summary WL Data for April 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	14.7	0.5	8.8	0.00	1032.0	1029.1	1030.7	29	6.8	166	1	180	7.5	15.6
2	16.4	6.3	11.1	0.00	1031.2	1028.2	1029.9	22	5.6	135	15	177	8.5	15.4
3	10.6	5.1	7.6	0.00	1029.3	1027.0	1027.9	22	5.3	129	1	97	2.0	8.5
4	15.3	0.2	7.3	0.00	1028.1	1024.2	1026.4	20	2.9	72	2	200	8.0	17.3
5	17.2	0.2	7.5	0.00	1025.2	1023.1	1024.2	14	1.3	32	2	205	8.0	17.8
6	18.2	1.3	8.6	0.00	1027.3	1024.1	1025.4	12	1.1	27	9	196	7.5	17.0
7	17.4	0.9	8.7	0.00	1028.5	1026.8	1027.5	11	1.0	25	1	200	8.5	17.3
8	15.8	2.0	8.4	0.00	1028.1	1022.1	1025.2	20	1.7	43	2	200	8.5	17.4
9	13.1	3.2	8.2	0.00	1022.1	1020.5	1021.1	18	1.6	41	2	122	3.0	10.6
10	15.6	4.0	9.3	0.00	1024.8	1022.1	1023.1	16	0.9	24	4	91	1.0	7.9
11	19.1	1.8	9.6	0.00	1025.6	1022.5	1024.0	12	0.9	24	1	170	7.5	14.8
12	19.7	4.4	12.2	0.00	1023.1	1020.6	1022.0	16	1.0	25	2	184	6.5	15.9
13	17.6	4.8	11.8	0.00	1022.5	1019.5	1021.0	14	1.6	39	1	147	5.0	12.7
14	23.6	9.3	15.9	0.00	1024.0	1021.4	1022.6	21	2.1	51	1	197	9.5	17.1
15	22.2	8.0	13.3	0.00	1025.4	1022.5	1023.7	15	1.3	34	10	192	8.0	16.7
16	18.9	9.2	12.9	0.00	1028.3	1025.2	1026.6	15	2.2	53	15	134	4.5	11.7
17	15.7	5.8	10.5	0.00	1028.2	1026.0	1027.2	17	2.9	70	2	212	9.0	18.4
18	15.9	3.8	9.1	0.00	1027.4	1023.3	1025.5	12	0.8	22	2	201	7.0	17.4
19	15.8	0.7	7.9	0.00	1023.2	1019.3	1020.8	16	1.7	43	1	190	6.5	16.5
20	19.4	2.5	9.9	0.00	1022.0	1018.7	1020.5	14	1.1	29	1	214	8.5	18.6
21	19.6	5.1	12.2	0.00	1019.9	1016.3	1018.0	20	2.1	52	10	224	9.5	19.4
22	14.8	8.9	12.0	0.02	1017.8	1016.2	1016.9	16	1.7	41	9	55	0.0	4.8
23	14.8	12.4	13.4	0.93	1017.3	1013.2	1015.2	21	4.3	105	9	43	0.0	3.7
24	15.4	11.9	12.9	0.40	1013.5	1009.0	1012.2	16	2.4	59	9	37	0.0	3.2
25	13.0	6.3	11.4	0.01	1020.1	1005.9	1011.5	32	4.1	101	9	81	1.0	7.0
26	16.7	4.2	10.8	0.00	1025.1	1020.0	1022.7	18	3.4	83	2	193	7.5	16.7
27	17.6	7.5	12.8	0.00	1025.6	1023.5	1024.6	23	3.5	85	15	130	3.5	11.3
28	20.4	8.1	14.3	0.00	1025.7	1021.9	1024.1	22	4.0	98	15	262	10.0	22.7
29	18.6	7.2	12.7	0.00	1023.1	1016.9	1019.9	16	3.4	82	0	204	7.0	17.7
30	19.1	8.5	13.2	0.00	1017.7	1013.1	1015.4	26	5.5	134	15	252	9.0	21.9
Monthly Values	Max 23.6	Min 0.2	Mean 10.8	Total 1.36	Max 1032.0	Min 1005.9	Mean 1022.5	Max 32	Mean 2.6	Total 1914	---	Mean 166	Total 182.0	Total 432.5

Days with Air Frost (T<=-0.1°C) = 0

Rain Days (>0.01In) = 3;

Wet Days (>0.05In) = 2

Summary WL Data for May 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	21.2	7.8	14.2	0.00	1016.2	1012.4	1014.4	23	4.8	117	0	281	10.0	24.3
2	20.6	7.8	13.7	0.00	1018.3	1015.3	1016.6	20	3.2	79	15	278	10.0	24.1
3	21.5	4.2	12.2	0.00	1018.7	1016.0	1017.6	15	1.6	40	1	274	10.0	23.7
4	18.6	4.8	11.1	0.00	1019.1	1016.3	1017.4	13	1.9	47	1	266	9.5	23.0
5	20.2	2.9	11.2	0.00	1019.8	1016.8	1018.6	16	1.3	33	2	252	10.0	21.8
6	14.2	10.2	12.0	0.10	1016.7	1010.9	1013.4	32	6.0	145	9	141	4.0	12.3
7	12.7	8.9	10.8	0.16	1010.9	1007.3	1008.5	30	3.3	81	9	89	0.0	7.8
8	13.1	9.2	11.1	0.19	1011.7	1006.3	1009.1	37	6.5	157	9	79	0.0	6.9
9	13.3	8.0	10.9	0.60	1012.1	1003.4	1008.8	33	2.8	70	10	77	0.0	6.7
10	13.9	8.8	11.3	0.00	1004.4	996.9	1001.1	33	7.3	176	9	189	5.0	16.3
11	13.7	8.8	10.5	0.80	1001.7	995.1	998.6	21	2.6	65	9	94	0.5	8.1
12	13.6	9.3	11.6	0.12	1003.4	995.4	999.5	32	5.7	139	9	106	0.0	9.2
13	12.9	7.7	10.6	0.56	1003.5	994.5	998.5	18	2.6	63	0	64	0.5	5.5
14	13.7	8.6	10.6	0.05	1013.2	996.3	1007.1	19	3.6	88	2	182	5.5	15.8
15	16.3	7.3	11.9	0.31	1012.6	1008.7	1010.1	17	1.8	44	8	202	7.5	17.5
16	13.4	6.7	10.4	0.66	1013.1	1008.5	1011.7	17	1.7	43	1	63	0.0	5.5
17	18.5	13.3	15.1	0.17	1016.2	1008.1	1012.8	18	2.6	63	9	94	1.5	8.2
18	14.6	10.9	12.3	0.21	1014.3	1004.5	1007.9	41	7.8	189	9	135	3.0	11.7
19	13.4	9.9	11.3	0.03	1013.0	1005.4	1008.6	32	6.9	166	9	149	2.0	12.9
20	15.9	5.2	10.4	0.00	1018.3	1013.1	1015.6	14	1.0	24	10	225	7.0	19.5
21	18.6	4.1	11.3	0.00	1019.0	1016.9	1018.3	20	0.9	23	13	195	7.0	16.9
22	16.4	4.3	10.7	0.00	1023.1	1019.4	1021.5	13	1.1	27	10	111	2.0	9.6
23	20.6	11.6	15.3	0.00	1023.1	1020.8	1022.0	15	1.7	42	10	250	6.0	21.6
24	16.3	13.2	14.4	0.00	1020.8	1012.0	1016.3	14	1.3	32	10	104	0.0	9.1
25	16.9	6.9	12.9	0.05	1011.8	1008.4	1009.7	21	1.7	42	15	266	8.0	23.0
26	12.7	6.1	9.6	0.00	1009.3	1002.1	1006.3	14	1.3	32	2	196	7.5	17.0
27	10.2	6.7	8.4	0.09	1006.2	998.1	1001.0	31	7.5	180	1	77	0.0	6.7
28	13.4	3.3	9.3	0.01	1011.2	1006.3	1008.9	24	5.5	133	2	277	9.5	24.0
29	13.4	1.4	7.6	0.00	1011.2	1008.1	1010.0	31	2.2	54	1	294	9.0	25.4
30	13.1	1.1	8.2	0.16	1007.7	997.7	1001.3	22	1.4	34	1	68	0.0	5.9
31	15.4	8.3	12.0	0.25	1010.9	1002.0	1005.3	10	0.6	17	1	107	1.0	9.3
Monthly Values	Max 21.5	Min 1.1	Mean 11.4	Total 4.52	Max 1023.1	Min 994.5	Mean 1010.2	Max 41	Mean 3.2	Total 2438	---	Mean 167	Total 136.0	Total 449.3

Days with Air Frost (T<=-0.1°C) = 0

Rain Days (>0.01In) = 17;

Wet Days (>0.05In) = 14

Summary WL Data for June 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	19.6	6.6	13.3	0.00	1022.0	1011.2	1016.7	10	0.4	12	2	183	5.5	15.9
2	21.7	7.8	15.3	0.00	1022.9	1021.9	1022.5	14	1.2	31	12	203	6.5	17.6
3	18.3	13.5	15.4	0.00	1024.0	1021.3	1022.2	12	0.9	22	10	84	0.0	7.3
4	20.3	11.7	15.8	0.00	1027.0	1024.0	1025.4	13	1.0	26	15	147	2.5	12.7
5	22.2	8.9	15.6	0.00	1027.1	1022.6	1024.8	15	1.0	25	0	197	6.0	17.1
6	21.4	7.3	14.7	0.00	1023.4	1020.2	1021.7	15	1.6	39	2	234	9.0	20.2
7	19.3	8.1	13.8	0.00	1022.1	1019.4	1020.7	13	1.9	47	2	147	1.5	12.8
8	23.8	10.6	16.8	0.00	1020.4	1018.4	1019.3	11	0.6	16	2	251	7.5	21.7
9	25.2	11.2	18.1	0.00	1020.3	1016.3	1018.2	13	1.0	26	1	263	11.0	22.8
10	24.5	13.1	18.3	0.00	1017.1	1014.9	1016.0	15	1.1	27	1	172	4.0	14.9
11	25.6	14.9	18.5	0.63	1015.7	1013.3	1014.4	17	1.2	31	2	223	6.0	19.3
12	17.6	14.1	15.2	0.01	1014.2	1009.2	1011.8	14	1.6	39	9	91	0.5	7.9
13	18.6	14.2	15.6	0.08	1009.0	1003.7	1006.1	14	1.1	27	10	80	0.0	6.9
14	17.4	12.5	14.3	0.39	1003.6	1000.0	1001.3	15	2.0	49	15	83	0.5	7.2
15	19.2	12.3	14.0	0.76	1000.0	996.9	998.3	15	1.6	41	0	163	4.5	14.1
16	17.3	11.8	13.1	0.04	1002.1	998.4	999.8	13	1.0	24	10	110	1.0	9.5
17	20.4	11.5	14.6	0.00	1003.7	1002.1	1002.6	10	0.6	17	9	164	3.0	14.2
18	16.7	11.6	14.1	0.34	1009.5	1002.1	1004.5	17	0.8	20	3	95	0.5	8.2
19	20.6	10.6	15.9	0.14	1010.2	1002.1	1007.2	19	2.5	60	15	165	2.5	14.3
20	18.4	11.2	14.3	0.16	1006.5	1004.2	1005.0	20	1.5	36	9	90	0.5	7.8
21	18.0	12.0	14.6	0.22	1006.3	1004.5	1005.3	11	0.7	19	2	101	1.5	8.8
22	19.7	11.8	14.7	0.19	1007.8	1004.7	1005.6	12	0.6	17	2	157	3.5	13.6
23	16.2	9.8	12.8	0.09	1009.3	1006.9	1008.2	21	2.7	67	9	127	1.5	11.0
24	17.9	10.8	13.1	0.30	1006.8	1003.3	1004.6	14	1.0	26	10	181	4.0	15.7
25	13.4	11.2	12.6	0.89	1009.5	999.5	1002.8	31	7.6	184	1	76	0.0	6.6
26	14.7	9.9	12.1	0.00	1011.4	1009.5	1010.4	18	2.1	51	2	171	2.5	14.8
27	15.7	7.2	12.1	0.07	1009.1	1004.7	1006.2	18	2.6	64	10	159	5.0	13.8
28	14.9	7.2	11.6	0.28	1008.5	1003.1	1006.7	28	3.7	90	9	117	1.0	10.1
29	16.4	12.1	14.0	0.33	1009.7	1002.0	1005.8	26	4.3	105	10	134	2.0	11.6
30	16.9	12.4	14.7	1.14	1009.7	1001.6	1006.3	15	1.2	29	9	49	0.0	4.3
Monthly Values	Max 25.6	Min 6.6	Mean 14.6	Total 6.06	Max 1027.1	Min 996.9	Mean 1010.7	Max 31	Mean 1.7	Total 1260	---	Mean 147	Total 93.5	Total 382.8

Days with Air Frost (T<=-0.1°C) = 0

Rain Days (>0.01In) = 17;

Wet Days (>0.05In) = 16

Summary WL Data for July 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	15.6	12.8	14.1	0.81	1001.1	995.4	996.7	25	2.8	69	9	76	0.0	6.6
2	16.3	12.7	14.2	0.68	1000.5	996.0	998.6	25	4.6	111	9	78	0.0	6.7
3	15.1	12.3	13.2	0.49	1000.3	997.1	998.1	23	4.5	110	9	94	0.0	8.2
4	15.0	12.3	13.4	0.54	1009.7	1000.4	1003.6	32	5.6	136	8	45	0.0	3.9
5	15.8	12.7	13.9	0.66	1011.4	999.5	1006.9	35	3.6	88	9	87	1.0	7.5
6	15.7	12.6	13.9	0.04	1012.7	1001.7	1007.9	33	6.3	154	10	66	0.0	5.8
7	16.9	10.3	13.6	0.19	1017.9	1012.7	1015.7	18	2.4	60	8	245	6.5	21.2
8	17.5	8.8	12.4	0.47	1017.9	1013.7	1015.8	18	1.2	31	10	193	4.5	16.7
9	16.6	9.7	12.6	0.82	1013.6	1010.1	1012.5	25	2.1	53	8	198	5.0	17.2
10	16.9	10.8	13.6	0.21	1014.8	1009.4	1012.3	13	0.9	23	1	124	1.0	10.8
11	17.8	12.3	14.4	0.00	1015.7	1014.0	1014.9	16	1.7	43	9	173	2.5	15.0
12	17.2	14.1	15.4	0.11	1013.9	1011.3	1012.1	20	1.6	39	9	76	0.0	6.6
13	16.4	12.8	14.7	1.90	1012.4	1002.1	1006.9	16	0.7	19	9	36	0.0	3.2
14	18.7	11.8	15.3	0.07	1014.1	1002.2	1009.0	25	4.0	96	9	212	7.5	18.4
15	16.3	10.3	13.7	0.11	1014.1	1006.2	1010.1	13	1.3	33	0	67	0.5	5.8
16	20.6	13.0	16.2	0.02	1007.9	1005.8	1006.7	17	1.5	38	9	199	6.0	17.2
17	17.9	12.6	14.9	0.06	1011.4	1006.8	1008.3	15	1.2	30	9	149	3.0	12.9
18	18.4	9.5	14.8	0.06	1019.3	1011.3	1015.4	18	1.5	37	9	232	7.5	20.1
19	21.3	7.4	13.7	0.10	1019.4	1016.8	1018.3	16	1.0	25	14	194	5.5	16.8
20	14.2	11.6	13.0	1.24	1017.7	1014.6	1015.2	13	1.1	28	3	27	0.0	2.3
21	14.3	10.9	12.3	0.21	1014.8	1011.1	1012.9	12	1.8	45	2	93	1.0	8.1
22	17.9	10.1	13.4	0.70	1011.1	1005.0	1007.7	14	0.6	17	2	120	2.0	10.4
23	18.5	11.3	14.4	0.04	1004.7	1000.0	1001.5	14	2.2	54	2	132	2.5	11.4
24	17.6	8.4	14.0	0.00	1011.3	1003.9	1008.7	19	2.1	52	7	184	5.5	15.9
25	18.8	13.0	15.6	0.47	1010.7	1004.3	1006.6	24	3.6	87	9	182	5.0	15.7
26	16.8	13.9	14.9	0.56	1004.1	996.9	999.7	28	5.8	140	9	79	0.5	6.9
27	18.6	14.3	15.6	0.02	1009.9	1003.3	1007.7	24	5.0	121	9	163	5.0	14.2
28	17.8	9.9	13.8	0.18	1016.0	1010.0	1013.7	19	1.8	44	9	218	6.0	18.8
29	17.8	9.5	13.2	0.01	1020.8	1013.6	1017.2	16	1.2	29	2	209	6.5	18.1
30	18.3	7.1	12.7	0.00	1022.8	1020.6	1021.9	15	1.2	31	2	227	7.0	19.6
31	21.5	5.8	13.3	0.00	1022.6	1017.3	1019.9	13	0.7	17	2	248	9.5	21.5
Monthly Values	Max 21.5	Min 5.8	Mean 14.0	Total 10.77	Max 1022.8	Min 995.4	Mean 1009.8	Max 35	Mean 2.4	Total 1853	---	Mean 143	Total 101.0	Total 383.7

Days with Air Frost (T<=-0.1°C) = 0

Rain Days (>0.01In) = 26;

Wet Days (>0.05In) = 22

Summary WL Data for August 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	19.3	6.9	13.7	0.00	1017.2	1011.6	1013.9	16	0.9	24	0	218	8.0	18.9
2	20.3	10.6	15.2	0.00	1018.9	1010.8	1013.8	17	1.1	29	3	241	8.0	20.8
3	19.2	9.8	15.2	0.04	1019.8	1017.3	1018.7	17	2.5	60	10	96	1.5	8.4
4	17.6	15.4	16.4	0.32	1017.4	1014.2	1016.4	27	3.8	92	9	61	0.0	5.3
5	23.9	12.8	17.7	0.02	1014.1	1004.7	1008.0	17	1.5	38	9	208	7.5	18.0
6	17.6	10.6	14.3	0.20	1012.2	1005.7	1009.0	16	1.8	45	9	221	7.0	19.1
7	18.1	7.4	12.8	0.09	1021.7	1012.2	1017.1	18	1.2	29	1	184	5.0	16.0
8	19.3	4.8	11.8	0.00	1022.5	1020.9	1021.7	15	1.2	30	1	266	10.0	23.0
9	20.7	6.0	13.0	0.00	1022.5	1020.5	1021.4	15	1.0	26	1	283	10.5	24.5
10	18.3	9.1	13.8	0.00	1020.9	1017.7	1018.8	7	0.2	6	10	72	0.0	6.3
11	20.7	12.6	15.7	0.11	1017.7	1009.4	1013.6	17	1.2	30	9	204	6.5	17.7
12	17.2	12.7	14.7	0.18	1008.9	1005.2	1006.9	19	2.6	65	9	200	5.5	17.3
13	17.9	13.1	14.9	0.14	1007.3	1004.2	1006.3	23	2.5	61	8	162	4.5	14.0
14	17.9	13.1	15.6	0.87	1003.7	988.6	993.8	24	1.8	46	9	49	0.0	4.2
15	18.1	11.3	15.1	0.40	1002.7	989.4	994.4	20	2.5	61	9	110	2.0	9.6
16	16.1	11.2	12.9	0.19	1013.1	1003.1	1008.8	19	2.4	59	8	150	3.0	13.0
17	16.2	11.0	13.4	0.17	1015.6	1011.8	1014.1	19	2.3	57	8	117	1.5	10.1
18	17.0	12.7	14.6	0.53	1011.5	1002.3	1004.9	12	0.6	15	7	53	0.0	4.6
19	15.1	10.6	13.6	0.05	1011.3	1004.2	1008.2	21	3.6	87	3	65	0.0	5.6
20	17.2	5.8	11.7	0.00	1014.7	1005.9	1009.0	19	2.1	53	1	166	8.0	14.4
21	19.3	10.7	15.4	0.00	1021.3	1014.7	1017.8	24	5.2	126	2	196	6.0	17.0
22	21.6	13.7	17.7	0.00	1021.5	1019.3	1020.5	24	6.3	153	2	236	9.5	20.4
23	22.5	9.4	16.8	0.00	1022.9	1019.3	1020.3	19	3.7	90	2	231	9.5	20.0
24	21.8	10.5	15.9	0.00	1028.5	1022.9	1025.6	14	1.2	30	4	141	3.5	12.3
25	23.1	10.1	15.7	0.00	1028.8	1027.4	1028.2	17	1.0	25	15	176	4.5	15.2
26	20.0	8.2	15.1	0.00	1030.9	1028.1	1029.5	14	1.6	40	3	187	7.5	16.2
27	17.6	6.2	11.8	0.00	1029.7	1025.2	1027.2	12	0.8	21	2	113	2.0	9.8
28	19.1	9.3	13.3	0.00	1025.6	1020.8	1022.7	11	0.5	13	2	115	2.5	10.0
29	18.3	10.0	13.0	0.00	1023.5	1021.1	1022.4	11	0.9	24	2	124	3.0	10.7
30	17.2	11.5	15.5	0.01	1024.5	1022.1	1023.5	16	1.8	45	8	75	0.0	6.5
31	16.2	14.1	15.0	0.10	1023.5	1021.8	1022.8	18	1.7	42	8	29	0.0	2.6
Monthly Values	Max 23.9	Min 4.8	Mean 14.6	Total 3.42	Max 1030.9	Min 988.6	Mean 1015.5	Max 27	Mean 2.0	Total 1512	---	Mean 153	Total 136.5	Total 411.4

Days with Air Frost (T<=-0.1°C) = 0

Rain Days (>0.01In) = 15;

Wet Days (>0.05In) = 12

Summary WL Data for September 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	16.5	14.4	15.4	0.03	1022.3	1019.2	1021.2	17	1.7	42	10	65	0.0	5.7
2	16.2	13.6	15.2	0.49	1019.2	1014.2	1016.6	23	1.9	47	10	28	0.0	2.5
3	16.8	6.5	12.7	0.00	1027.2	1016.1	1021.1	12	1.0	24	3	114	3.0	9.9
4	19.8	4.7	11.9	0.01	1030.4	1027.2	1029.0	11	0.7	18	3	209	8.5	18.1
5	19.1	13.3	15.5	0.00	1032.3	1030.0	1030.8	14	0.5	12	15	93	2.5	8.1
6	23.4	10.4	17.1	0.00	1032.7	1031.3	1032.2	14	1.0	26	15	127	4.5	11.1
7	23.7	11.6	16.8	0.00	1032.7	1030.1	1031.6	11	0.6	15	1	164	4.5	14.2
8	19.8	7.6	13.7	0.00	1030.9	1026.7	1028.6	10	0.8	21	6	95	2.5	8.3
9	17.4	10.8	14.3	0.00	1027.4	1022.9	1025.5	14	0.5	14	3	61	0.0	5.3
10	18.2	9.6	15.2	0.01	1024.9	1020.1	1022.0	27	2.7	67	2	158	6.5	13.7
11	20.3	5.4	12.6	0.00	1028.3	1025.1	1026.6	10	0.6	16	0	176	7.5	15.3
12	19.9	13.2	15.7	0.00	1028.7	1027.6	1028.1	9	0.5	14	3	80	0.0	7.0
13	21.2	12.6	15.9	0.00	1027.8	1019.1	1023.7	14	0.6	16	3	136	7.0	11.8
14	16.8	7.7	13.7	0.27	1025.5	1016.8	1020.1	21	2.7	66	2	91	2.0	7.9
15	17.4	6.0	11.6	0.00	1025.9	1017.8	1023.3	21	1.1	27	1	92	1.5	8.0
16	15.9	12.7	14.3	0.36	1017.4	1005.2	1009.9	25	3.3	80	9	30	0.0	2.7
17	13.7	5.3	10.8	0.17	1020.2	1008.4	1013.0	18	2.4	59	2	122	5.5	10.6
18	13.1	2.3	8.1	0.01	1025.3	1020.5	1023.5	16	1.7	42	3	108	4.5	9.4
19	15.5	10.6	14.2	1.31	1020.1	1012.3	1015.5	30	7.5	182	9	27	0.0	2.4
20	16.3	14.2	15.1	0.21	1013.9	1011.0	1012.8	34	6.1	149	9	67	1.0	5.9
21	17.1	10.1	14.0	0.89	1017.2	1009.1	1012.4	27	2.1	53	9	68	2.5	5.9
22	17.1	10.1	14.1	0.01	1019.3	1016.3	1017.8	15	1.1	27	9	57	0.0	4.9
23	17.4	14.4	15.6	0.24	1016.1	1004.0	1011.2	17	2.6	65	8	51	0.0	4.4
24	15.6	9.9	12.3	1.92	1009.4	998.5	1004.1	33	5.9	143	9	52	0.0	4.5
25	15.6	8.0	11.5	0.53	1022.0	1009.5	1014.4	24	2.7	65	15	96	2.0	8.3
26	11.2	7.0	8.5	0.22	1027.2	1022.5	1024.6	23	3.7	90	2	113	4.5	9.8
27	12.6	6.1	9.1	0.00	1026.9	1021.0	1024.2	19	5.9	143	2	111	3.5	9.6
28	14.4	8.0	11.6	0.00	1020.6	1014.1	1016.9	18	4.1	100	1	58	0.0	5.0
29	16.3	8.6	12.4	0.00	1018.3	1013.5	1015.0	10	0.7	19	15	58	2.5	5.0
30	14.5	8.2	11.2	0.00	1022.2	1018.2	1020.1	11	0.7	19	1	68	1.5	5.9
Monthly Values	Max 23.7	Min 2.3	Mean 13.3	Total 6.68	Max 1032.7	Min 998.5	Mean 1020.5	Max 34	Mean 2.2	Total 1654	---	Mean 93	Total 77.5	Total 241.1

Days with Air Frost (T<=-0.1°C) = 0

Rain Days (>0.01In) = 12;

Wet Days (>0.05In) = 11

Summary WL Data for October 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	13.1	10.4	11.6	0.15	1023.1	1021.0	1022.1	13	1.1	29	15	25	0.0	2.2
2	14.4	10.1	11.8	0.00	1022.5	1019.8	1021.1	9	0.5	12	0	37	0.0	3.2
3	14.9	10.3	12.6	0.47	1019.4	1014.1	1016.5	21	0.6	16	8	26	0.0	2.3
4	15.7	5.1	9.4	0.01	1025.3	1017.1	1021.3	12	0.7	17	8	132	6.5	11.4
5	18.1	4.4	9.4	0.01	1025.9	1023.6	1024.9	13	1.0	24	0	127	6.5	11.0
6	16.1	4.6	9.6	0.00	1024.8	1023.1	1024.0	10	0.3	10	1	88	4.5	7.6
7	15.0	9.3	11.1	0.00	1024.0	1021.5	1022.7	9	0.0	1	2	36	0.5	3.1
8	17.4	9.3	12.1	0.02	1025.4	1023.1	1024.5	10	0.0	0	9	94	3.5	8.1
9	15.4	10.1	13.2	0.83	1024.0	1019.4	1021.5	20	1.2	30	14	38	0.0	3.3
10	16.2	6.3	10.8	0.01	1029.9	1023.1	1027.2	11	0.4	11	1	50	0.5	4.4
11	15.0	5.1	10.9	0.00	1029.4	1026.0	1027.6	14	0.5	13	10	27	0.0	2.4
12	16.5	13.6	14.8	0.01	1026.6	1025.2	1025.9	7	0.2	7	10	41	0.0	3.6
13	15.5	14.0	14.3	0.11	1025.8	1022.6	1024.3	6	0.1	3	10	20	0.0	1.7
14	---	---	---	0.02	1025.3	1019.1	1022.3	4	0.0	0	12	27	0.0	2.4
15	15.3	13.9	14.9	0.77	1019.0	1010.0	1014.2	22	1.8	44	10	34	0.0	3.0
16	---	---	---	0.31	1017.8	1009.3	1014.1	12	0.7	18	2	19	0.0	1.7
17	---	---	---	0.01	1032.5	1017.9	1025.3	15	1.0	25	2	68	3.0	5.9
18	9.8	1.6	4.1	0.01	1038.3	1029.2	1034.2	5	0.0	1	6	79	5.5	6.9
19	14.9	2.9	6.2	0.00	1037.5	1034.0	1035.6	7	0.1	4	15	95	5.5	8.3
20	14.3	1.3	6.7	0.01	1036.2	1033.1	1034.7	10	0.2	5	15	83	6.0	7.2
21	15.0	2.9	7.7	0.00	1033.0	1023.7	1028.3	7	0.1	4	8	79	5.5	6.9
22	11.3	3.4	7.0	0.00	1023.2	1019.7	1021.2	5	0.1	3	0	35	0.0	3.0
23	12.6	2.3	7.7	0.00	1027.5	1022.2	1024.7	12	1.2	30	1	93	5.5	8.1
24	11.0	1.5	6.8	0.00	1029.2	1027.3	1028.0	14	0.9	23	0	75	4.0	6.5
25	11.2	8.0	9.3	0.00	1027.3	1022.2	1024.6	6	0.2	5	0	18	0.0	1.6
26	11.6	7.7	9.7	0.09	1022.2	1019.3	1020.4	15	0.5	13	10	17	0.0	1.5
27	12.4	11.2	11.7	0.54	1023.1	1019.3	1021.5	22	4.0	98	9	10	0.0	0.9
28	14.4	7.0	11.6	1.42	1018.6	1008.2	1011.8	27	6.0	146	9	70	3.5	6.1
29	12.1	7.1	9.8	0.04	1016.9	1008.5	1013.4	20	2.0	49	8	53	2.5	4.6
30	14.6	7.6	11.4	0.07	1025.8	1017.0	1022.6	18	2.1	51	10	65	4.0	5.7
31	14.1	13.0	13.4	0.00	1029.2	1025.6	1027.3	20	3.8	93	9	20	0.0	1.8
Monthly Values	Max 18.1	Min 1.3	Mean 10.3	Total 4.91	Max 1038.3	Min 1008.2	Mean 1023.5	Max 27	Mean 1.0	Total 778	---	Mean 54	Total 67.0	Total 146.4

Days with Air Frost (T<=-0.1°C) = 0

Rain Days (>0.01In) = 11;

Wet Days (>0.05In) = 9

Summary WL Data for November 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	15.0	13.1	14.1	0.00	1033.9	1028.7	1031.3	25	4.9	120	8	16	0.0	1.4
2	13.4	8.5	11.4	0.00	1036.7	1033.5	1034.5	13	1.0	26	9	24	0.0	2.1
3	13.4	7.4	10.5	0.03	1033.4	1030.7	1032.2	5	0.0	2	8	19	0.0	1.7
4	---	---	---	0.01	1034.7	1031.6	1033.3	6	0.1	5	1	53	3.0	4.7
5	10.9	7.3	9.7	0.16	1033.2	1025.3	1028.9	21	3.0	73	2	12	0.0	1.1
6	12.2	7.5	10.3	0.00	1035.4	1030.7	1033.3	26	2.8	69	3	46	2.0	4.0
7	13.0	10.8	11.8	0.01	1030.4	1023.5	1026.4	26	3.1	77	8	22	0.0	1.9
8	12.7	7.7	10.6	0.32	1023.1	1012.8	1018.5	32	5.3	129	10	13	0.0	1.1
9	10.6	7.2	9.2	0.05	1028.7	1023.1	1026.7	31	5.7	139	2	30	0.5	2.7
10	12.6	9.7	11.6	0.14	1025.7	1018.7	1022.7	29	5.1	124	8	11	0.0	1.0
11	11.9	1.3	8.9	0.23	1025.8	1016.7	1020.1	31	4.0	96	3	22	0.0	1.9
12	7.8	-1.3	2.5	0.02	1027.8	1020.1	1025.5	9	0.2	5	0	46	3.0	4.0
13	10.6	7.2	9.5	0.31	1019.8	1014.0	1015.8	33	4.6	112	3	19	0.0	1.7
14	8.4	3.1	6.3	0.06	1025.2	1016.5	1020.4	12	0.7	19	10	18	0.0	1.6
15	8.1	-0.9	1.8	0.01	1029.0	1025.4	1027.8	4	0.0	2	1	52	4.5	4.6
16	8.3	-1.8	2.4	0.05	1028.9	1026.0	1027.6	3	0.0	0	1	46	3.5	4.0
17	9.8	3.6	6.9	0.31	1025.8	1006.5	1018.6	20	2.8	70	8	18	0.0	1.6
18	6.9	2.3	4.9	0.25	1005.8	991.9	997.3	24	3.6	88	0	6	0.0	0.6
19	7.6	2.1	4.9	0.13	1002.0	990.7	996.5	16	2.3	57	0	12	0.0	1.1
20	7.9	6.1	7.0	0.13	1003.6	996.0	1001.1	15	1.9	47	15	13	0.0	1.2
21	7.3	6.9	7.1	0.21	1004.9	994.4	998.7	21	1.2	30	8	10	0.0	0.9
22	7.8	4.6	6.2	0.15	1015.4	1004.0	1008.1	18	2.1	52	2	24	1.0	2.1
23	5.9	-2.6	2.0	0.00	1030.8	1016.1	1025.5	20	3.5	84	2	31	2.5	2.7
24	10.6	-2.1	7.0	0.60	1030.1	1018.5	1022.2	36	5.2	126	10	6	0.0	0.6
25	10.6	9.0	9.7	0.03	1029.4	1021.0	1025.8	23	3.5	85	2	14	0.0	1.3
26	9.4	8.8	9.1	0.04	1035.2	1029.4	1031.9	4	0.1	3	15	15	0.5	1.4
27	---	---	---	0.08	1034.6	1025.1	1030.4	11	0.4	11	15	15	0.0	1.3
28	---	---	---	0.86	1024.7	1007.8	1015.3	23	3.6	87	9	7	0.0	0.6
29	9.6	6.8	8.4	0.09	1008.8	1004.2	1007.2	33	3.1	76	10	34	3.0	3.0
30	9.7	7.7	8.3	1.51	1006.7	990.6	1000.0	34	6.3	152	10	6	0.0	0.5
Monthly Values	Max 15.0	Min -2.6	Mean 7.9	Total 5.79	Max 1036.7	Min 990.6	Mean 1020.1	Max 36	Mean 2.7	Total 1960	---	Mean 22	Total 23.5	Total 58.4

Days with Air Frost (T<=-0.1°C) = 5

Rain Days (>0.01In) = 21;

Wet Days (>0.05In) = 15

Summary WL Data for December 2007 for AWS station: FoelFrio

Monthly WLReport Summary for Foel Friog Weather Station

Station Day 00-00 hrs:

Solar intensity values < 100W/sqm excluded from BS Hours evaluation.

Day	T max °C	T min °C	T mean °C	Rain In	P Max mB	P Min mB	P Mean mB	Gust Max MPH	Mean Wind MPH	Wind Run Miles	Dom Dir	Sun Mean	BS Hours	T_Energy MJ/sqm
1	9.6	6.6	8.5	0.19	998.5	993.6	996.0	47	10.5	252	9	13	0.0	1.2
2	12.1	7.1	9.4	1.11	997.1	982.6	987.8	46	9.0	218	10	11	0.0	1.0
3	8.8	6.5	8.1	0.32	1010.3	993.5	1003.0	24	4.0	97	10	19	0.0	1.7
4	13.0	6.8	10.8	0.56	1011.5	1002.1	1008.8	30	5.2	126	9	6	0.0	0.5
5	12.9	10.4	11.3	0.91	1009.6	998.2	1003.0	40	11.8	285	9	11	0.0	1.0
6	13.9	9.8	11.9	2.10	1009.1	992.3	1001.4	44	8.2	198	10	2	0.0	0.2
7	11.3	6.8	8.0	0.46	1010.2	991.7	1002.6	44	6.3	153	10	9	0.0	0.9
8	12.3	3.2	7.3	1.07	1009.6	982.0	991.9	49	6.3	152	10	3	0.0	0.3
9	8.4	6.1	7.3	0.95	998.7	972.2	982.8	33	4.5	110	2	12	0.0	1.1
10	7.9	-1.3	4.4	0.01	1028.1	999.3	1016.0	26	3.2	78	1	24	1.5	2.1
11	4.8	-1.9	1.7	0.00	1032.3	1028.3	1030.7	5	0.0	1	1	22	2.0	2.0
12	7.6	-0.2	3.4	0.00	1038.6	1031.8	1034.2	9	0.3	8	2	29	2.5	2.5
13	7.2	-1.2	0.8	0.02	1038.7	1036.5	1037.6	14	0.4	11	2	24	2.5	2.1
14	4.6	-2.3	0.5	0.00	1039.0	1036.0	1037.2	11	0.7	18	1	27	2.0	2.4
15	3.4	-0.1	1.7	0.00	1036.0	1033.4	1034.8	17	2.7	66	15	12	0.0	1.1
16	2.3	-2.7	-0.1	0.00	1038.0	1034.4	1036.1	13	0.8	22	1	16	0.5	1.4
17	4.1	-3.2	1.1	0.02	1038.3	1033.3	1035.9	24	3.2	78	15	10	0.0	0.9
18	4.0	1.7	2.5	0.00	1038.6	1033.9	1037.2	20	3.6	88	15	15	0.5	1.4
19	5.4	1.7	3.4	0.00	1038.0	1035.1	1036.7	17	2.5	62	15	25	2.5	2.2
20	3.5	-2.3	-0.2	0.00	1035.4	1028.7	1032.8	11	1.5	36	2	25	2.5	2.2
21	1.3	-3.4	-0.6	0.00	1028.2	1022.6	1025.0	10	1.3	32	2	25	2.5	2.2
22	7.8	-3.2	2.7	0.28	1027.7	1019.6	1022.2	21	0.8	21	2	7	0.0	0.6
23	8.9	-1.6	1.8	0.01	1027.9	1020.1	1025.7	18	0.9	24	2	14	1.0	1.3
24	10.1	7.2	9.1	0.99	1020.3	1016.2	1018.3	26	3.1	75	3	4	0.0	0.4
25	7.1	7.1	7.1	0.27	1018.5	1014.3	1015.8	24	2.1	51	3	26	2.0	2.3
26	10.2	6.6	8.7	0.02	1022.0	1015.4	1019.8	20	3.5	85	9	10	0.0	0.9
27	11.7	-39.6	8.0	0.58	1023.5	1017.4	1019.6	41	9.2	222	10	5	0.0	0.5
28	10.3	5.6	8.2	3.26	1020.5	1003.7	1012.1	32	8.7	211	9	2	0.0	0.2
29	8.9	6.0	7.7	0.18	1019.2	1003.2	1008.8	42	8.9	215	9	13	0.0	1.2
30	9.7	5.8	7.8	0.00	1026.9	1019.6	1025.0	15	1.1	28	9	13	0.0	1.2
31	6.2	5.7	5.9	0.07	1028.9	1025.9	1027.5	4	0.0	1	3	11	0.0	1.0
Monthly Values	Max 13.9	Min -39.6	Mean 5.4	Total 13.38	Max 1039.0	Min 972.2	Mean 1018.3	Max 49	Mean 4.0	Total 3014	---	Mean 14	Total 22.0	Total 40.0

Days with Air Frost (T<=-0.1°C) = 12

Rain Days (>0.01In) = 19;

Wet Days (>0.05In) = 16