Five Minute Weather Data December 2018 VP2

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
01/12/2018	00:05	4.7	4.8	4.7	94	3.8	6	SW	0.50	12	WSW	2.4	4.8	2.4	0.7	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	6.1	2.8	6.7	4.4	15	5
01/12/2018	00:10	4.7	4.7	4.7	94	3.8	8	SW	0.67	13	SW	1.7	4.7	1.8	0.2	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	00:15	4.6	4.7	4.6	94	3.7	7	SW	0.58	13	WSW	1.9	4.7	2.0	0.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	00:20	4.6	4.6	4.6	94	3.7	6	SW	0.50	12	WSW	2.2	4.6	2.3	0.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	00:25	4.4	4.6	4.4	94	3.6	6	SW	0.50	12	WSW	2.1	4.5	2.2	0.4	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	00:30	4.4	4.5	4.4	94	3.6	8	SW	0.67	15	WSW	1.4	4.5	1.5	-0.1	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	00:35	4.4	4.4	4.4	94	3.5	12	SW	1.00	17	SW	0.4	4.4	0.4	-0.9	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	00:40	4.4	4.4	4.3	94	3.5	10	SW	0.83	17	W	0.8	4.4	0.9	-0.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	00:45	4.3	4.4	4.3	94	3.5	9	SW	0.75	17	W	1.0	4.3	1.0	-0.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	00:50	4.3	4.3	4.3	94	3.4	10	SW	0.83	15	SW	0.7	4.3	0.7	-0.8	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	00:55	4.3	4.3	4.3	94	3.4	11	SW	0.92	16	SW	0.5	4.3	0.5	-0.9	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	01:00	4.2	4.3	4.2	94	3.3	10	SW	0.83	15	WSW	0.6	4.2	0.6	-0.9	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	01:05	4.2	4.2	4.2	94	3.3	9	SW	0.75	15	WSW	0.9	4.2	0.9	-0.7	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	01:10	4.2	4.2	4.2	94	3.3	10	SW	0.83	19	SSW	0.6	4.2	0.6	-1.0	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	01:15	4.2	4.2	4.2	94	3.3	10	SW	0.83	16	WSW	0.6	4.2	0.6	-1.0	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	01:20	4.2	4.2	4.2	95	3.4	10	SW	0.83	14	SW	0.6	4.2	0.6	-0.9	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	2.8	6.7	3.9	15	5
01/12/2018	01:25	4.2	4.2	4.2	95	3.4	10	SW	0.83	15	SW	0.6	4.2	0.6	-0.9	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	01:30	4.3	4.3	4.2	95	3.5	9	SW	0.75	15	WSW	0.9	4.3	1.0	-0.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	01:35	4.3	4.3	4.2	95	3.5	9	SW	0.75	14	WSW	0.9	4.3	1.0	-0.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	4.4	15	5
01/12/2018	01:40	4.3	4.3	4.3	95	3.5	9	SW	0.75	14	SW	0.9	4.3	1.0	-0.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	4.4	15	5
01/12/2018	01:45	4.3	4.3	4.3	95	3.6	10	SW	0.83	15	SW	0.8	4.4	0.8	-0.7	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	01:50	4.3	4.3	4.3	95	3.6	10	SW	0.83	14	WSW	0.8	4.4	0.8	-0.7	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	01:55	4.3	4.3	4.3	95	3.6	8	SW	0.67	12	SW	1.3	4.4	1.3	-0.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	2.8	6.7	3.9	15	5
01/12/2018	02:00	4.3	4.3	4.3	95	3.5	8	SW	0.67	12	SW	1.2	4.3	1.3	-0.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	2.8	6.7	3.9	15	5
01/12/2018	02:05	4.3	4.3	4.3	95	3.5	8	SW	0.67	11	SSW	1.2	4.3	1.3	-0.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	2.8	6.7	3.9	15	5
01/12/2018	02:10	4.3	4.3	4.3	95	3.6	8	SW	0.67	11	SW	1.3	4.4	1.3	-0.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	02:15	4.3	4.3	4.3	95	3.6	8	SW	0.67	12	WSW	1.3	4.4	1.3	-0.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	4.4	14	5
01/12/2018	02:20	4.3	4.3	4.3	95	3.6	7	SW	0.58	11	SSW	1.6	4.4	1.7	-0.1	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	4.4	14	5
01/12/2018	02:25	4.3	4.4	4.3	95	3.6	8	SW	0.67	11	SW	1.3	4.4	1.3	-0.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	4.4	14	5
01/12/2018	02:30	4.4	4.4	4.3	95	3.7	8	SW	0.67	12	WSW	1.4	4.4	1.4	-0.2	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	4.4	14	5
01/12/2018	02:35	4.4	4.4	4.4	95	3.7	9	SW	0.75	12	WSW	1.1	4.4	1.2	-0.4	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	02:40	4.4	4.4	4.4	95	3.7	8	SW	0.67	13	WSW	1.4	4.4	1.4	-0.2	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	02:45	4.4	4.4	4.4	95	3.7	8	SW	0.67	11	WSW	1.4	4.4	1.4	-0.2	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	02:50	4.4	4.4	4.4	95	3.7	7	SW	0.58	10	SW	1.7	4.4	1.7	0.0	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	02:55	4.4	4.4	4.4	95	3.7	7	SW	0.58	10	WSW	1.7	4.4	1.7	0.0	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	03:00	4.4	4.4	4.4	95	3.7	7	SW	0.58	10	WSW	1.7	4.4	1.7	0.0	29.68	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.9	6.7	3.9	15	5
01/12/2018	03:05	4.4	4.4	4.4	95	3.7	6	SW	0.50	10	WSW	2.1	4.5	2.2	0.4	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.9	6.7	3.9	15	5
01/12/2018	03:10	4.4	4.4	4.4	95	3.7	4	SW	0.33	8	SW	2.9	4.5	3.0	1.3	29.68	0.2	1.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	5.6	3.3	6.7	3.9	15	5
01/12/2018	03:15	4.5	4.5	4.4	95	3.8	2	SW	0.17	6	SW	4.4	4.6	4.4	2.7	29.68	0.0	1.4	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.3	6.7	3.9	15	5
01/12/2018	03:20	4.4	4.5	4.4	95	3.7	2	SW	0.17	4	SW	4.3	4.5	4.4	2.7	29.68	0.0	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.3	6.7	3.9	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
01/12/2018	03:25	4.4	4.4	4.4	96	3.9	2	SW	0.17	5	SW	4.3	4.5	4.4	2.7	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.3	6.7	3.9	15	5
01/12/2018	03:30	4.4	4.4	4.4	96	3.8	3	SW	0.25	6	SW	3.5	4.4	3.6	1.8	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.3	6.7	3.9	15	5
01/12/2018	03:35	4.4	4.4	4.4	96	3.8	3	SW	0.25	6	SW	3.5	4.4	3.6	1.8	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.3	6.7	3.9	15	5
01/12/2018	03:40	4.4	4.4	4.4	96	3.9	5	SW	0.42	9	SW	2.5	4.5	2.6	0.8	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.3	6.7	3.9	15	5
01/12/2018	03:45	4.6	4.6	4.4	96	4.0	7	SW	0.58	12	SW	1.8	4.6	1.9	0.2	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.9	6.7	4.4	15	5
01/12/2018	03:50	4.7	4.7	4.6	96	4.1	7	SW	0.58	12	SW	2.0	4.7	2.1	0.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.9	6.7	4.4	15	5
01/12/2018	03:55	4.7	4.7	4.7	96	4.1	8	SW	0.67	13	SSW	1.8	4.8	1.8	0.2	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.9	6.7	4.4	15	5
01/12/2018	04:00	4.8	4.8	4.8	96	4.2	7	SW	0.58	11	SW	2.2	4.9	2.2	0.5	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.9	6.7	4.4	15	5
01/12/2018	04:05	4.9	4.9	4.8	96	4.3	6	SW	0.50	10	WSW	2.6	4.9	2.7	0.9	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.9	6.7	4.4	15	5
01/12/2018	04:10	4.9	4.9	4.8	96	4.4	7	SW	0.58	12	SSW	2.3	5.0	2.4	0.7	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.9	6.7	4.4	15	5
01/12/2018	04:15	5.0	5.0	4.9	96	4.4	7	SW	0.58	10	SW	2.4	5.1	2.4	0.7	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.9	6.7	4.4	15	5
01/12/2018	04:20	5.1	5.1	4.9	97	4.6	6	SW	0.50	9	SW	2.8	5.1	2.8	1.1	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	3.9	6.7	5.0	15	5
01/12/2018	04:25	5.1	5.1	5.0	97	4.7	7	SW	0.58	10	SW	2.5	5.2	2.6	0.8	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	4.4	6.7	5.0	15	5
01/12/2018	04:30	5.2	5.2	5.1	97	4.7	6	SW	0.50	12	SW	2.9	5.2	3.0	1.3	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	4.4	6.7	5.0	15	5
01/12/2018	04:35	5.2	5.2	5.1	97	4.8	7	SW	0.58	11	WSW	2.7	5.3	2.7	1.0	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	4.4	6.7	5.0	15	5
01/12/2018	04:40	5.2	5.3	5.2	97	4.8	7	SW	0.58	14	SSW	2.7	5.3	2.7	1.0	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	4.4	6.7	5.0	15	5
01/12/2018	04:45	5.3	5.3	5.3	97	4.8	7	SW	0.58	12	SW	2.7	5.3	2.8	1.1	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	4.4	6.7	5.0	15	5
01/12/2018	04:50	5.3	5.4	5.3	97	4.9	7	SW	0.58	13	SW	2.8	5.4	2.8	1.1	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	4.4	6.7	5.0	15	5
01/12/2018	04:55	5.4	5.4	5.3	97	5.0	7	SW	0.58	10	SSW	2.9	5.5	3.0	1.3	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	4.4	6.7	5.0	15	5
01/12/2018	05:00	5.5	5.5	5.4	97	5.1	5	SW	0.42	10	SSW	3.7	5.6	3.8	2.1	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	4.4	6.7	5.0	15	5
01/12/2018	05:05	5.5	5.6	5.5	97	5.1	5	SW	0.42	9	WSW	3.7	5.6	3.8	2.1	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	5.6	4.4	6.7	5.0	15	5
01/12/2018	05:10	5.6	5.6	5.6	97	5.1	6	SW	0.50	12	SSW	3.4	5.6	3.4	1.8	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	4.4	6.7	5.6	15	5
01/12/2018	05:15	5.7	5.7	5.6	97	5.2	6	SW	0.50	11	SSW	3.5	5.7	3.6	1.9	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	5.0	6.7	5.6	15	5
01/12/2018	05:20	5.7	5.7	5.7	97	5.3	5	SW	0.42	10	SSW	4.0	5.8	4.1	2.4	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	5.0	6.7	5.6	15	5
01/12/2018	05:25	5.7	5.8	5.7	97	5.3	4	SW	0.33	10	WSW	4.4	5.8	4.6	2.9	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	4.4	6.7	5.6	15	5
01/12/2018	05:30	5.8	5.8	5.7	97	5.3	4	SW	0.33	9	SW	4.5	5.9	4.6	2.9	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	4.4	6.7	5.6	15	5
01/12/2018	05:35	5.8	5.8	5.7	97	5.3	6	SW	0.50	11	S	3.7	5.9	3.8	2.1	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	4.4	6.7	5.6	15	5
01/12/2018	05:40	5.8	5.8	5.8	97	5.3	6	SW	0.50	11	SW	3.7	5.9	3.8	2.1	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	4.4	6.7	5.6	15	5
01/12/2018	05:45	5.8	5.8	5.8	97	5.4	6	SW	0.50	11	SSW	3.7	5.9	3.8	2.2	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	4.4	6.7	5.6	15	5
01/12/2018	05:50	5.8	5.8	5.8	97	5.4	7	SW	0.58	11	SW	3.4	5.9	3.6	1.9	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	4.4	6.7	5.6	15	5
01/12/2018	05:55	5.9	5.9	5.8	97	5.4	7	SW	0.58	13	SSW	3.5	6.0	3.6	1.9	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	06:00	5.9	5.9	5.9	97	5.5	8	SW	0.67	12	WSW	3.2	6.1	3.3	1.8	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	06:05	5.9	5.9	5.9	98	5.7	8	SW	0.67	13	SSW	3.2	6.1	3.3	1.8	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	06:10	5.9	5.9	5.9	98	5.7	6	SW	0.50	10	WSW	3.8	6.1	3.9	2.3	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	4.4	6.7	5.6	15	5
01/12/2018	06:15	5.9	5.9	5.9	98	5.7	6	SW	0.50	10	SW	3.8	6.1	3.9	2.3	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	4.4	6.7	5.6	15	5
01/12/2018	06:20	5.9	5.9	5.9	98	5.7	7	SW	0.58	11	SW	3.6	6.1	3.7	2.0	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	4.4	6.7	5.6	15	5
01/12/2018	06:25	6.0	6.0	5.9	98	5.7	8	SW	0.67	12	SW	3.3	6.1	3.4	1.9	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	06:30	6.0	6.0	5.9	98	5.7	6	SW	0.50	10	WSW	3.9	6.1	4.1	2.4	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	4.4	6.7	5.6	15	5
01/12/2018	06:35	6.0	6.0	6.0	98	5.7	7	SW	0.58	11	SW	3.6	6.1	3.7	2.1	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	4.4	6.7	5.6	15	5
01/12/2018	06:40	6.0	6.0	6.0	98	5.7	5	SW	0.42	10	SW	4.3	6.1	4.4	2.8	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	06:45	6.0	6.0	6.0	98	5.7	4	SW	0.33	8	SW	4.8	6.1	4.9	3.2	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	4.4	6.7	5.6	15	5
01/12/2018	06:50	6.0	6.0	6.0	98	5.7	5	SW	0.42	8	SW	4.3	6.1	4.4	2.8	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
01/12/2018	06:55	6.0	6.1	6.0	98	5.7	6	SW	0.50	10	SSW	3.9	6.1	4.1	2.4	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:00	6.0	6.1	6.0	98	5.7	5	SW	0.42	8	SSW	4.3	6.1	4.4	2.8	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:05	6.1	6.1	6.0	98	5.8	6	SW	0.50	12	SSW	4.0	6.2	4.1	2.4	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:10	6.1	6.1	6.1	98	5.8	6	SW	0.50	14	SSW	4.0	6.2	4.1	2.4	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:15	6.1	6.1	6.1	98	5.8	6	SW	0.50	11	SSW	4.0	6.2	4.1	2.4	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:20	6.1	6.1	6.1	98	5.8	6	SW	0.50	13	SSW	4.0	6.2	4.1	2.4	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:25	6.1	6.1	6.1	98	5.8	7	SW	0.58	14	S	3.7	6.2	3.8	2.2	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:30	6.1	6.1	6.1	98	5.8	6	SW	0.50	13	SSW	4.0	6.2	4.1	2.4	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:35	6.1	6.1	6.1	98	5.8	7	SSW	0.58	12	WSW	3.7	6.2	3.8	2.2	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:40	6.1	6.1	6.1	98	5.8	7	SW	0.58	13	WSW	3.7	6.2	3.8	2.2	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:45	6.1	6.1	6.1	98	5.8	7	SW	0.58	12	SSW	3.7	6.2	3.8	2.2	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:50	6.1	6.1	6.1	98	5.8	6	SW	0.50	15	SSW	4.0	6.2	4.1	2.4	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	07:55	6.1	6.1	6.1	98	5.8	5	SW	0.42	10	SSW	4.4	6.2	4.5	2.8	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:00	6.1	6.1	6.1	98	5.8	5	SW	0.42	10	SSW	4.4	6.2	4.5	2.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:05	6.1	6.1	6.1	98	5.8	6	SSW	0.50	12	SSW	4.0	6.2	4.1	2.4	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	6.1	15	5
01/12/2018	08:10	6.0	6.1	6.0	98	5.7	6	SW	0.50	11	SSW	3.9	6.1	4.1	2.4	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	6.1	15	5
01/12/2018	08:15	6.0	6.0	6.0	98	5.7	7	WSW	0.58	15	SSW	3.6	6.1	3.7	2.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:20	6.0	6.1	6.0	98	5.7	6	SW	0.50	15	SSW	3.9	6.1	4.1	2.4	29.56	0.0	0.0	2	0.01	5	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:25	6.0	6.0	6.0	98	5.7	5	SW	0.42	12	S	4.3	6.1	4.4	2.8	29.56	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:30	6.0	6.0	6.0	98	5.7	7	SW	0.58	16	SSW	3.6	6.1	3.7	2.1	29.56	0.0	0.0	5	0.04	7	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:35	6.0	6.0	6.0	98	5.7	6	SW	0.50	12	SSW	3.9	6.1	4.1	2.5	29.56	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:40	6.1	6.1	6.0	98	5.8	5	SSW	0.42	10	SSW	4.4	6.2	4.5	2.9	29.56	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:45	6.1	6.1	6.0	98	5.8	6	SSW	0.50	14	SSW	4.0	6.2	4.1	2.6	29.55	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:50	6.0	6.1	6.0	98	5.7	6	SSW	0.50	12	SSW	3.9	6.1	4.1	2.5	29.54	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	08:55	6.1	6.1	6.1	98	5.8	3	S	0.25	7	S	5.4	6.2	5.5	4.0	29.54	0.2	0.0	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.0	6.7	5.6	15	5
01/12/2018	09:00	6.1	6.1	6.1	98	5.8	5	S	0.42	12	S	4.4	6.2	4.5	3.1	29.53	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.6	6.7	5.6	15	5
01/12/2018	09:05	6.1	6.1	6.1	98	5.8	4	S	0.33	11	S	4.8	6.2	4.9	3.6	29.53	0.0	0.0	22	0.16	28	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.6	6.7	5.6	15	5
01/12/2018	09:10	6.1	6.1	6.1	98	5.8	5	S	0.42	12	S	4.4	6.2	4.6	3.3	29.53	0.0	0.0	32	0.23	33	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.6	6.7	6.1	15	5
01/12/2018	09:15	6.1	6.1	6.1	98	5.8	2	S	0.17	7	SSE	6.1	6.2	6.2	5.0	29.53	0.0	0.0	35	0.25	37	0	0.00	0.00	0.04	0.00	0.00	47	6.1	5.6	6.7	6.1	15	5
01/12/2018	09:20	6.2	6.2	6.1	98	5.9	4	SSE	0.33	12	SSW	4.9	6.3	5.1	3.7	29.52	0.0	0.0	20	0.14	25	0	0.00	0.00	0.04	0.00	0.00	46	6.1	5.6	6.7	6.1	15	5
01/12/2018	09:25	6.2	6.2	6.2	98	5.9	6	SSW	0.50	12	SSW	4.1	6.3	4.2	2.8	29.52	0.0	0.0	18	0.13	21	0	0.00	0.00	0.04	0.00	0.00	46	6.1	5.6	6.7	6.1	15	5
01/12/2018	09:30	6.2	6.2	6.2	98	5.9	5	SSE	0.42	11	S	4.5	6.3	4.6	4.2	29.52	0.0	0.0	35	0.25	42	0	0.00	0.00	0.04	0.00	0.00	46	6.1	5.6	6.7	6.1	15	5
01/12/2018	09:35	6.2	6.2	6.2	98	5.9	6	SSW	0.50	10	SSW	4.2	6.3	4.3	4.1	29.52	0.0	0.0	43	0.31	46	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.1	15	5
01/12/2018	09:40	6.3	6.3	6.2	98	6.0	7	S	0.58	13	S	4.0	6.4	4.1	3.7	29.52	0.0	0.0	37	0.27	39	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.1	15	5
01/12/2018	09:45	6.3	6.3	6.2	98	6.0	4	SSW	0.33	9	SSW	5.1	6.5	5.3	4.8	29.52	0.0	0.0	35	0.25	37	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.1	15	5
01/12/2018	09:50	6.4	6.4	6.3	98	6.1	5	SSW	0.42	15	SSW	4.8	6.6	4.9	4.3	29.52	0.2	0.0	26	0.19	28	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.1	15	5
01/12/2018	09:55	6.4	6.4	6.4	98	6.1	6	SSW	0.50	14	SSW	4.4	6.6	4.6	3.7	29.52	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.1	15	5
01/12/2018	10:00	6.4	6.5	6.4	98	6.2	6	SSW	0.50	14	SSW	4.4	6.6	4.6	3.8	29.52	0.0	0.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.03	46	6.1	6.1	6.7	6.1	15	5
01/12/2018	10:05	6.6	6.6	6.5	98	6.3	5	SW	0.42	11	SSW	5.0	6.7	5.2	4.2	29.51	0.0	0.0	18	0.13	18	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.7	15	5
01/12/2018	10:10	6.6	6.6	6.5	98	6.3	5	SSW	0.42	10	SSW	5.0	6.7	5.2	4.2	29.51	0.0	0.0	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.7	15	5
01/12/2018	10:15	6.6	6.6	6.6	98	6.3	6	SSW	0.50	11	SSW	4.7	6.8	4.8	3.9	29.51	0.0	0.0	18	0.13	19	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.7	15	5
01/12/2018	10:20	6.7	6.7	6.6	98	6.4	5	SSW	0.42	9	SSW	5.1	6.8	5.3	4.6	29.50	0.0	0.0	26	0.19	32	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
01/12/2018	10:25	6.8	6.8	6.7	98	6.5	4	S	0.33	11	SSE	5.6	6.9	5.8	5.5	29.50	0.0	0.0	42	0.30	42	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.1	6.7	6.7	15	5
01/12/2018	10:30	6.8	6.8	6.8	98	6.5	5	S	0.42	10	SSE	5.3	7.0	5.4	5.1	29.49	0.0	0.0	40	0.29	44	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.7	6.7	6.7	15	5
01/12/2018	10:35	6.9	6.9	6.8	98	6.7	6	S	0.50	13	SSE	5.1	7.1	5.2	5.1	29.49	0.0	0.0	46	0.33	47	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.7	6.7	7.2	15	5
01/12/2018	10:40	7.0	7.0	6.9	98	6.7	5	SSE	0.42	11	SE	5.5	7.2	5.7	5.5	29.48	0.0	0.0	46	0.33	47	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.7	6.7	7.2	15	5
01/12/2018	10:45	7.2	7.2	7.1	98	6.9	7	SSE	0.58	15	SSE	5.1	7.3	5.2	5.3	29.48	0.2	0.0	55	0.39	60	0	0.00	0.00	0.04	0.00	0.00	46	6.1	6.7	6.7	7.2	15	5
01/12/2018	10:50	7.4	7.4	7.2	99	7.2	7	SSE	0.58	15	SSW	5.3	7.6	5.6	5.9	29.47	0.0	0.0	68	0.49	76	0	0.00	0.00	0.04	0.00	0.00	46	6.1	7.2	6.7	7.2	15	5
01/12/2018	10:55	7.4	7.4	7.4	98	7.1	6	S	0.50	11	S	5.7	7.6	5.8	5.9	29.47	0.0	0.0	56	0.40	62	0	0.00	0.00	0.04	0.00	0.00	46	6.1	7.2	6.7	7.2	15	5
01/12/2018	11:00	7.5	7.5	7.4	99	7.4	5	S	0.42	13	SSE	6.1	7.7	6.3	5.8	29.47	0.0	0.0	35	0.25	37	0	0.00	0.00	0.04	0.00	0.03	46	6.1	7.2	6.7	7.2	15	5
01/12/2018	11:05	7.6	7.6	7.5	99	7.4	4	SSW	0.33	10	SSW	6.6	7.8	6.8	6.4	29.46	0.0	0.0	39	0.28	40	0	0.00	0.00	0.04	0.00	0.00	46	6.1	7.2	6.7	7.2	15	5
01/12/2018	11:10	7.6	7.6	7.5	99	7.4	5	SSE	0.42	10	SSW	6.1	7.8	6.3	5.8	29.46	0.0	0.0	34	0.24	37	0	0.00	0.00	0.04	0.00	0.00	46	6.1	7.2	6.7	7.2	15	5
01/12/2018	11:15	7.6	7.6	7.6	99	7.5	6	SSW	0.50	12	SSE	5.8	7.8	6.1	5.4	29.46	0.2	0.0	31	0.22	32	0	0.00	0.00	0.04	0.00	0.00	46	6.1	7.2	6.7	7.2	15	5
01/12/2018	11:20	7.7	7.7	7.6	99	7.5	7	S	0.58	15	SSW	5.7	7.9	5.9	5.5	29.45	0.0	0.0	39	0.28	42	0	0.00	0.00	0.04	0.00	0.00	46	6.1	7.2	6.7	7.2	15	5
01/12/2018	11:25	7.7	7.7	7.7	99	7.6	5	S	0.42	9	S	6.3	7.9	6.6	6.1	29.45	0.0	0.0	36	0.26	39	0	0.00	0.00	0.04	0.00	0.00	45	6.1	7.2	6.7	7.8	15	5
01/12/2018	11:30	7.8	7.8	7.7	99	7.6	5	SSW	0.42	11	S	6.4	8.0	6.6	6.3	29.44	0.0	0.0	41	0.29	44	0	0.00	0.00	0.04	0.00	0.00	45	6.1	7.2	6.7	7.8	15	5
01/12/2018	11:35	7.8	7.9	7.8	99	7.7	5	S	0.42	12	S	6.4	8.1	6.7	6.3	29.44	0.0	0.0	42	0.30	44	0	0.00	0.00	0.04	0.00	0.00	46	6.7	7.2	6.7	7.8	15	5
01/12/2018	11:40	7.9	7.9	7.8	99	7.7	4	S	0.33	8	S	6.9	8.1	7.1	6.7	29.44	0.0	0.0	39	0.28	44	0	0.00	0.00	0.04	0.00	0.00	45	6.7	7.2	6.7	7.8	15	5
01/12/2018	11:45	7.9	7.9	7.9	99	7.8	5	WSW	0.42	11	SSW	6.6	8.2	6.8	6.4	29.44	0.0	0.0	40	0.29	44	0	0.00	0.00	0.04	0.00	0.00	45	6.7	7.2	6.7	7.8	15	5
01/12/2018	11:50	8.0	8.0	7.9	99	7.9	6	SSW	0.50	12	SSW	6.3	8.2	6.6	6.2	29.43	0.0	0.0	39	0.28	40	0	0.00	0.00	0.04	0.00	0.00	45	6.7	7.2	6.7	7.8	15	5
01/12/2018	11:55	8.1	8.1	8.0	99	7.9	5	SSW	0.42	10	S	6.7	8.3	6.9	6.4	29.43	0.0	0.0	34	0.24	35	0	0.00	0.00	0.04	0.00	0.00	45	6.7	7.2	6.7	7.8	15	5
01/12/2018	12:00	8.1	8.1	8.1	99	8.0	6	S	0.50	14	SSW	6.4	8.3	6.7	6.2	29.43	0.2	0.0	35	0.25	40	0	0.00	0.00	0.04	0.00	0.03	45	6.7	7.8	6.7	7.8	15	5
01/12/2018	12:05	8.1	8.1	8.1	99	8.0	6	SSW	0.50	14	SSW	6.4	8.3	6.7	6.1	29.42	0.0	0.0	33	0.24	37	0	0.00	0.00	0.04	0.00	0.00	45	6.7	7.8	6.7	7.8	15	5
01/12/2018	12:10	8.2	8.2	8.1	99	8.0	6	SW	0.50	12	SSW	6.5	8.4	6.7	6.2	29.42	0.0	0.0	35	0.25	39	0	0.00	0.00	0.04	0.00	0.00	45	6.7	7.8	6.7	7.8	15	5
01/12/2018	12:15	8.2	8.2	8.2	99	8.1	7	SW	0.58	16	SSW	6.3	8.4	6.6	6.1	29.41	0.0	0.0	35	0.25	37	0	0.00	0.00	0.04	0.00	0.00	45	6.7	7.8	6.7	8.3	15	5
01/12/2018	12:20	8.3	8.3	8.2	99	8.1	7	SW	0.58	13	S	6.4	8.6	6.7	6.3	29.41	0.0	0.0	42	0.30	47	0	0.00	0.00	0.04	0.00	0.00	45	6.7	7.8	6.7	8.3	15	5
01/12/2018	12:25	8.4	8.4	8.3	99	8.2	8	SW	0.67	19	SSW	6.1	8.7	6.4	6.2	29.41	0.2	0.0	47	0.34	49	0	0.00	0.00	0.04	0.00	0.00	45	6.7	7.8	6.7	8.3	15	5
01/12/2018	12:30	8.4	8.4	8.3	99	8.3	6	SW	0.50	13	SSW	6.8	8.7	7.1	6.8	29.40	0.0	0.0	44	0.32	51	0	0.00	0.00	0.03	0.00	0.00	45	6.7	7.8	6.7	8.3	15	5
01/12/2018	12:35	8.4	8.4	8.4	99	8.3	7	SW	0.58	14	SSW	6.6	8.7	6.8	6.4	29.41	0.0	0.0	38	0.27	40	0	0.00	0.00	0.03	0.00	0.00	45	6.7	7.8	6.7	8.3	15	5
01/12/2018	12:40	8.5	8.5	8.4	99	8.4	6	WSW	0.50	11	SSW	6.9	8.8	7.2	6.7	29.40	0.0	0.0	34	0.24	39	0	0.00	0.00	0.03	0.00	0.00	45	6.7	7.8	6.7	8.3	15	5
01/12/2018	12:45	8.6	8.6	8.5	99	8.4	7	SW	0.58	12	SSW	6.7	8.8	7.0	6.4	29.40	0.2	0.0	30	0.22	35	0	0.00	0.00	0.03	0.00	0.00	45	6.7	7.8	6.7	8.3	15	5
01/12/2018	12:50	8.6	8.6	8.6	99	8.4	6	SW	0.50	12	S	7.0	8.8	7.3	6.5	29.39	0.0	0.0	24	0.17	26	0	0.00	0.00	0.03	0.00	0.00	45	6.7	7.8	6.7	8.3	15	5
01/12/2018	12:55	8.6	8.6	8.6	99	8.5	5	SW	0.42	11	SW	7.4	8.9	7.7	7.2	29.39	0.0	0.0	36	0.26	39	0	0.00	0.00	0.03	0.00	0.00	45	6.7	7.8	6.7	8.3	15	5
01/12/2018	13:00	8.7	8.7	8.6	99	8.5	5	SW	0.42	10	W	7.4	8.9	7.7	7.3	29.39	0.0	0.0	39	0.28	40	0	0.00	0.00	0.03	0.00	0.03	45	6.7	7.8	6.7	8.9	15	5
01/12/2018	13:05	8.7	8.7	8.6	99	8.5	5	WSW	0.42	12	SSW	7.4	8.9	7.7	7.3	29.39	0.0	0.0	39	0.28	40	0	0.00	0.00	0.03	0.00	0.00	45	6.7	8.3	6.7	8.9	15	5
01/12/2018	13:10	8.7	8.8	8.7	99	8.6	5	SW	0.42	11	SW	7.5	9.0	7.8	7.3	29.39	0.0	0.0	33	0.24	35	0	0.00	0.00	0.03	0.00	0.00	45	6.7	8.3	6.7	8.9	15	5
01/12/2018	13:15	8.8	8.8	8.8	99	8.6	5	SW	0.42	10	SSW	7.6	9.1	7.9	7.6	29.39	0.0	0.0	40	0.29	44	0	0.00	0.00	0.03	0.00	0.00	45	6.7	8.3	6.7	8.9	15	5
01/12/2018	13:20	8.9	8.9	8.8	99	8.7	5	SSW	0.42	11	SSW	7.7	9.2	8.1	7.8	29.38	0.0	0.0	42	0.30	46	0	0.00	0.00	0.03	0.00	0.00	45	6.7	8.3	6.7	8.9	15	5
01/12/2018	13:25	8.9	8.9	8.8	99	8.7	4	SSW	0.33	9	SSW	8.1	9.2	8.4	8.1	29.38	0.0	0.0	38	0.27	40	0	0.00	0.00	0.03	0.00	0.00	45	6.7	8.3	6.7	8.9	15	5
01/12/2018	13:30	8.9	8.9	8.9	99	8.8	4	S	0.33	10	S	8.2	9.3	8.5	7.9	29.38	0.0	0.0	32	0.23	33	0	0.00	0.00	0.03	0.00	0.00	45	6.7	8.3	6.7	8.9	15	5
01/12/2018	13:35	9.1	9.1	8.9	99	8.9	6	SW	0.50	16	SSW	7.6	9.4	7.9	7.3	29.38	0.0	0.0	28	0.20	30	0	0.00	0.00	0.03	0.00	0.00	45	6.7	8.3	6.7	8.9	15	5
01/12/2018	13:40	9.1	9.1	9.1	99	8.9	6	SSW	0.50	12	SSW	7.6	9.4	7.9	7.3	29.37	0.0	0.0	25	0.18	28	0	0.00	0.00	0.03	0.00	0.00	44	6.7	8.3	6.7	8.9	15	5
01/12/2018	13:45	9.1	9.1	9.1	99	9.0	7	SSW	0.58	14	SSW	7.4	9.4	7.7	7.0	29.37	0.0	0.0	24	0.17	26	0	0.00	0.00	0.03	0.00	0.00	44	6.7	8.3	6.7	8.9	15	5
01/12/2018	13:50	9.2	9.2	9.1	99	9.0	8	SSW	0.67	14	SSW	7.1	9.5	7.4	6.6	29.37	0.0	0.0	19	0.14	21	0	0.00	0.00	0.03	0.00	0.00	44	6.7	8.3	6.7	8.9	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
01/12/2018	13:55	9.2	9.2	9.2	99	9.1	6	SSW	0.50	11	SSW	7.8	9.6	8.1	7.3	29.37	0.2	0.0	19	0.14	21	0	0.00	0.00	0.03	0.00	0.00	44	6.7	8.3	6.7	8.9	15	5
01/12/2018	14:00	9.2	9.3	9.2	99	9.1	7	SSW	0.58	14	SSW	7.5	9.6	7.8	7.1	29.36	0.0	0.0	23	0.16	25	0	0.00	0.00	0.03	0.00	0.03	44	6.7	8.3	6.7	8.9	15	5
01/12/2018	14:05	9.3	9.3	9.2	99	9.1	6	SSW	0.50	13	SSW	7.8	9.6	8.2	7.3	29.36	0.0	0.0	18	0.13	19	0	0.00	0.00	0.03	0.00	0.00	44	6.7	8.3	6.7	9.4	15	5
01/12/2018	14:10	9.3	9.3	9.3	99	9.2	5	SSW	0.42	10	SSW	8.2	9.7	8.6	7.7	29.36	0.0	0.0	17	0.12	18	0	0.00	0.00	0.03	0.00	0.00	45	7.2	8.3	6.7	9.4	15	5
01/12/2018	14:15	9.3	9.3	9.3	99	9.2	4	S	0.33	12	S	8.6	9.7	8.9	8.1	29.37	0.0	0.0	16	0.11	18	0	0.00	0.00	0.03	0.00	0.00	45	7.2	8.3	6.7	9.4	15	5
01/12/2018	14:20	9.4	9.4	9.3	99	9.2	4	SSW	0.33	9	SSW	8.7	9.7	9.0	8.0	29.37	0.0	0.0	13	0.09	14	0	0.00	0.00	0.03	0.00	0.00	45	7.2	8.3	6.7	9.4	15	5
01/12/2018	14:25	9.4	9.4	9.4	99	9.2	4	SSW	0.33	8	SSW	8.7	9.7	9.0	8.0	29.37	0.0	0.0	12	0.09	14	0	0.00	0.00	0.03	0.00	0.00	45	7.2	8.3	6.7	9.4	15	5
01/12/2018	14:30	9.4	9.4	9.4	99	9.3	3	SSW	0.25	7	SSW	9.2	9.8	9.5	8.6	29.36	0.0	0.0	14	0.10	16	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	9.4	15	5
01/12/2018	14:35	9.4	9.4	9.4	99	9.3	2	SSW	0.17	4	SSW	9.4	9.8	9.8	8.7	29.36	0.0	0.0	10	0.07	14	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	9.4	15	5
01/12/2018	14:40	9.5	9.5	9.4	99	9.4	2	SSW	0.17	5	SSW	9.5	9.8	9.8	8.8	29.37	0.0	0.0	9	0.06	11	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	9.4	15	5
01/12/2018	14:45	9.5	9.5	9.4	99	9.4	2	SSW	0.17	5	SSW	9.5	9.8	9.8	8.7	29.37	0.0	0.0	8	0.06	9	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	9.4	15	5
01/12/2018	14:50	9.6	9.6	9.5	99	9.4	4	SSW	0.33	11	SSW	8.8	9.9	9.2	8.1	29.37	0.0	0.0	9	0.06	11	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	9.4	15	5
01/12/2018	14:55	9.6	9.6	9.6	99	9.5	5	SSW	0.42	9	SSW	8.6	9.9	8.9	7.8	29.37	0.0	0.0	7	0.05	9	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	10.0	15	5
01/12/2018	15:00	9.7	9.7	9.6	99	9.5	5	SSW	0.42	11	S	8.6	10.0	8.9	7.8	29.37	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	10.0	15	5
01/12/2018	15:05	9.7	9.7	9.7	99	9.6	7	SSW	0.58	12	S	8.1	10.1	8.4	7.3	29.37	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	10.0	15	5
01/12/2018	15:10	9.8	9.8	9.7	99	9.6	8	S	0.67	17	SSW	7.8	10.1	8.1	6.8	29.37	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	6.7	10.0	15	5
01/12/2018	15:15	9.8	9.8	9.8	99	9.7	7	S	0.58	13	SSW	8.2	10.2	8.6	7.1	29.37	0.0	0.0	1	0.01	5	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	6.7	10.0	15	5
01/12/2018	15:20	9.9	9.9	9.8	99	9.7	4	SSW	0.33	11	S	9.3	10.2	9.6	8.1	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	10.0	15	5
01/12/2018	15:25	9.9	9.9	9.8	99	9.7	6	S	0.50	12	SSW	8.6	10.2	8.9	7.5	29.37	0.0	0.0	3	0.02	5	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	6.7	10.0	15	5
01/12/2018	15:30	9.9	9.9	9.9	99	9.8	5	S	0.42	8	SSW	8.9	10.3	9.3	7.9	29.37	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	6.7	10.0	15	5
01/12/2018	15:35	9.9	9.9	9.9	99	9.8	6	SSE	0.50	11	SSE	8.7	10.3	9.1	7.6	29.37	0.0	0.0	3	0.02	5	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	6.7	10.0	15	5
01/12/2018	15:40	10.0	10.0	9.9	99	9.9	6	SSE	0.50	14	SSW	8.7	10.4	9.1	7.6	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	6.7	10.0	15	5
01/12/2018	15:45	10.0	10.0	10.0	99	9.9	6	S	0.50	10	SE	8.7	10.4	9.1	7.6	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	7.2	10.0	15	5
01/12/2018	15:50	10.1	10.1	10.0	99	9.9	5	SSE	0.42	12	SSE	9.1	10.4	9.4	7.9	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	7.2	10.0	15	5
01/12/2018	15:55	10.1	10.1	10.1	99	9.9	7	SSE	0.58	13	SSE	8.5	10.4	8.9	7.4	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	7.2	10.0	15	5
01/12/2018	16:00	10.1	10.1	10.1	99	10.0	9	SSE	0.75	16	SSW	7.8	10.4	8.2	6.8	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	7.2	10.0	15	5
01/12/2018	16:05	10.1	10.1	10.1	99	10.0	8	S	0.67	16	S	8.2	10.4	8.5	7.1	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	7.2	10.0	15	5
01/12/2018	16:10	10.1	10.1	10.1	99	10.0	8	S	0.67	14	SSW	8.2	10.4	8.5	7.1	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	7.2	10.0	15	5
01/12/2018	16:15	10.2	10.2	10.1	99	10.0	8	S	0.67	12	SSE	8.3	10.5	8.6	7.2	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	7.2	10.0	15	5
01/12/2018	16:20	10.2	10.2	10.1	99	10.0	7	S	0.58	12	SSW	8.7	10.5	9.0	7.6	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	7.2	10.0	15	5
01/12/2018	16:25	10.2	10.2	10.2	99	10.0	7	SSW	0.58	11	SSW	8.7	10.5	9.0	7.6	29.36	0.2	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.0	15	5
01/12/2018	16:30	10.2	10.2	10.2	99	10.0	10	SSW	0.83	17	SSW	7.6	10.5	7.9	6.7	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.9	7.2	10.0	15	5
01/12/2018	16:35	10.2	10.2	10.2	99	10.0	9	SW	0.75	18	SSW	7.9	10.5	8.3	6.9	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.0	15	5
01/12/2018	16:40	10.2	10.2	10.2	99	10.1	11	SW	0.92	18	SSW	7.3	10.6	7.7	6.4	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.0	15	5
01/12/2018	16:45	10.2	10.2	10.2	99	10.1	12	SW	1.00	17	SW	7.1	10.6	7.4	6.2	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.6	15	5
01/12/2018	16:50	10.2	10.2	10.2	99	10.1	12	SW	1.00	19	WSW	7.1	10.6	7.4	6.2	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.6	15	5
01/12/2018	16:55	10.3	10.3	10.2	99	10.1	11	SW	0.92	18	WSW	7.4	10.6	7.7	6.5	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.6	15	5
01/12/2018	17:00	10.2	10.3	10.2	99	10.1	13	WSW	1.08	21	SW	6.8	10.6	7.2	6.0	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.6	15	5
01/12/2018	17:05	10.2	10.2	10.2	99	10.0	12	SW	1.00	20	WSW	7.0	10.5	7.3	6.2	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.6	15	5
01/12/2018	17:10	10.2	10.2	10.2	99	10.0	11	WSW	0.92	21	SSW	7.3	10.5	7.6	6.4	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.0	15	5
01/12/2018	17:15	10.2	10.2	10.2	98	9.9	11	SW	0.92	19	WSW	7.3	10.5	7.6	6.3	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.6	15	5
01/12/2018	17:20	10.2	10.2	10.1	98	9.9	9	SW	0.75	15	SSW	7.9	10.5	8.3	6.9	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.0	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
01/12/2018	17:25	10.2	10.2	10.1	98	9.9	11	SW	0.92	22	W	7.3	10.5	7.6	6.3	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	7.8	7.2	10.0	15	5
01/12/2018	17:30	10.1	10.2	10.1	98	9.8	9	WSW	0.75	18	SSW	7.8	10.4	8.2	6.8	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	7.8	7.2	10.0	15	5
01/12/2018	17:35	10.1	10.1	10.1	98	9.8	10	SW	0.83	16	SSW	7.5	10.4	7.8	6.5	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.2	8.3	7.2	10.0	14	5
01/12/2018	17:40	10.2	10.2	10.1	98	9.9	10	SW	0.83	18	WSW	7.6	10.5	7.9	6.6	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	14	5
01/12/2018	17:45	10.2	10.2	10.1	98	9.9	9	SW	0.75	17	WSW	7.9	10.5	8.3	6.9	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	14	5
01/12/2018	17:50	10.1	10.2	10.1	98	9.8	11	SW	0.92	18	WSW	7.2	10.4	7.6	6.3	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	13	5
01/12/2018	17:55	10.1	10.2	10.1	98	9.8	12	SW	1.00	19	WSW	6.9	10.4	7.3	6.1	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	13	5
01/12/2018	18:00	10.2	10.2	10.1	98	9.9	12	SW	1.00	21	W	7.0	10.5	7.3	6.1	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	12	5
01/12/2018	18:05	10.2	10.2	10.2	98	9.9	13	SW	1.08	20	SW	6.8	10.5	7.1	5.9	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	12	5
01/12/2018	18:10	10.2	10.2	10.2	98	9.9	13	SW	1.08	20	WSW	6.8	10.5	7.1	5.9	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	12	5
01/12/2018	18:15	10.2	10.2	10.2	98	9.9	13	SW	1.08	20	SW	6.8	10.5	7.1	5.9	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	11	5
01/12/2018	18:20	10.2	10.2	10.2	98	9.9	13	SW	1.08	21	SW	6.8	10.5	7.1	5.9	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	11	5
01/12/2018	18:25	10.2	10.2	10.2	98	9.9	14	SW	1.17	23	WNW	6.6	10.5	6.9	5.8	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	10	5
01/12/2018	18:30	10.2	10.2	10.1	97	9.7	15	SW	1.25	24	SW	6.4	10.5	6.7	5.6	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.8	7.2	10.0	10	5
01/12/2018	18:35	10.1	10.1	10.1	97	9.7	13	SW	1.08	24	SSW	6.7	10.4	7.1	5.9	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.8	7.2	10.0	9	5
01/12/2018	18:40	10.1	10.1	10.1	97	9.7	14	WSW	1.17	25	SW	6.5	10.4	6.8	5.7	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.8	7.2	10.0	8	5
01/12/2018	18:45	10.1	10.1	10.1	97	9.7	14	SW	1.17	25	WSW	6.5	10.4	6.8	5.7	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.8	7.2	10.0	5	5
01/12/2018	18:50	10.1	10.1	10.1	97	9.7	15	SW	1.25	24	WSW	6.3	10.4	6.7	5.6	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	4	5
01/12/2018	18:55	10.2	10.2	10.1	97	9.7	14	SW	1.17	23	SSW	6.6	10.5	6.9	5.8	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	3	5
01/12/2018	19:00	10.2	10.2	10.2	97	9.7	15	WSW	1.25	24	WSW	6.4	10.5	6.7	5.6	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	2	5
01/12/2018	19:05	10.2	10.2	10.2	97	9.7	14	SW	1.17	23	WNW	6.6	10.5	6.9	5.8	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	1	5
01/12/2018	19:10	10.2	10.2	10.2	97	9.7	15	SW	1.25	25	WSW	6.4	10.5	6.7	5.6	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	1	5
01/12/2018	19:15	10.2	10.2	10.2	96	9.6	14	SW	1.17	21	WSW	6.6	10.4	6.9	5.7	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	19:20	10.2	10.2	10.2	97	9.7	13	SW	1.08	21	WSW	6.8	10.5	7.1	5.9	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	19:25	10.2	10.2	10.1	96	9.6	12	WSW	1.00	21	SW	7.0	10.4	7.3	6.1	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	19:30	10.1	10.2	10.1	96	9.5	11	SW	0.92	18	SW	7.2	10.4	7.5	6.2	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	19:35	10.1	10.1	10.1	96	9.5	11	SW	0.92	17	WSW	7.2	10.4	7.5	6.2	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	19:40	10.1	10.1	10.1	96	9.5	10	SW	0.83	15	WSW	7.5	10.4	7.8	6.4	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	19:45	10.1	10.1	10.1	96	9.5	11	SW	0.92	17	SSW	7.2	10.4	7.5	6.2	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	19:50	10.1	10.1	10.1	96	9.5	10	SW	0.83	16	SSW	7.5	10.4	7.8	6.4	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	19:55	10.1	10.1	10.1	96	9.5	11	SW	0.92	19	SW	7.2	10.4	7.5	6.2	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	20:00	10.1	10.1	10.1	96	9.4	9	SW	0.75	14	SW	7.8	10.3	8.1	6.7	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	20:05	10.1	10.1	10.1	96	9.4	7	SSW	0.58	10	SSW	8.5	10.3	8.8	7.3	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	20:10	10.1	10.1	10.1	96	9.4	9	SSW	0.75	15	SSW	7.8	10.3	8.1	6.7	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	20:15	10.0	10.1	10.0	96	9.4	8	SSW	0.67	17	SSW	8.1	10.3	8.3	6.9	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	20:20	10.0	10.0	10.0	96	9.4	8	SSW	0.67	14	SSW	8.1	10.3	8.3	6.9	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	1	5
01/12/2018	20:25	10.0	10.0	9.9	96	9.4	7	SSW	0.58	15	SSW	8.4	10.3	8.7	7.2	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	20:30	9.9	10.0	9.9	96	9.3	6	SW	0.50	10	SSW	8.7	10.2	8.9	7.4	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	20:35	9.9	9.9	9.9	96	9.3	7	SW	0.58	11	SW	8.4	10.2	8.7	7.2	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	9.4	1	5
01/12/2018	20:40	9.9	9.9	9.9	96	9.3	8	WSW	0.67	15	SSW	8.0	10.2	8.3	6.8	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	9.4	1	5
01/12/2018	20:45	9.9	9.9	9.9	96	9.3	7	WSW	0.58	12	WSW	8.4	10.2	8.7	7.2	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	9.4	0	5
01/12/2018	20:50	9.9	9.9	9.9	96	9.3	6	SW	0.50	12	SW	8.6	10.2	8.9	7.4	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
01/12/2018	20:55	9.9	9.9	9.9	96	9.3	8	SW	0.67	14	SW	7.9	10.2	8.2	6.8	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:00	9.9	9.9	9.9	96	9.3	6	SW	0.50	12	SW	8.6	10.2	8.9	7.4	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:05	9.9	9.9	9.9	96	9.3	8	SW	0.67	17	SW	7.9	10.2	8.2	6.8	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:10	9.9	9.9	9.9	96	9.3	8	SW	0.67	12	SSW	8.0	10.2	8.3	6.8	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:15	9.9	9.9	9.9	96	9.3	9	SW	0.75	14	SW	7.7	10.2	7.9	6.6	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:20	9.9	9.9	9.9	96	9.3	7	SW	0.58	14	SSW	8.4	10.2	8.7	7.2	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:25	9.9	9.9	9.9	96	9.3	8	SW	0.67	14	SW	8.0	10.2	8.3	6.8	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:30	9.9	10.0	9.9	96	9.3	8	SW	0.67	13	SSW	8.0	10.2	8.3	6.8	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:35	9.9	10.0	9.9	96	9.3	7	SW	0.58	13	SSW	8.4	10.2	8.7	7.2	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:40	10.0	10.0	9.9	96	9.4	5	SW	0.42	9	SW	9.0	10.3	9.3	7.8	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:45	10.0	10.0	9.9	96	9.4	6	SW	0.50	11	SSW	8.7	10.3	9.0	7.5	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:50	10.0	10.0	10.0	95	9.2	9	SW	0.75	16	SSW	7.7	10.3	8.0	6.6	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	21:55	10.0	10.0	10.0	96	9.4	6	WSW	0.50	12	SW	8.7	10.3	9.0	7.5	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:00	10.0	10.0	9.9	95	9.2	8	SW	0.67	18	SW	8.1	10.3	8.3	6.9	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:05	9.9	10.0	9.9	95	9.2	9	SW	0.75	15	SW	7.7	10.2	7.9	6.6	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:10	10.0	10.0	10.0	95	9.2	9	WSW	0.75	14	SW	7.7	10.3	8.0	6.6	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:15	10.0	10.0	10.0	95	9.2	8	SW	0.67	16	WSW	8.1	10.3	8.3	6.9	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:20	10.0	10.1	10.0	95	9.2	10	SW	0.83	15	SW	7.4	10.3	7.7	6.3	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:25	10.1	10.1	10.0	95	9.3	9	SW	0.75	14	WSW	7.8	10.3	8.1	6.7	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:30	10.1	10.1	10.1	95	9.3	9	SW	0.75	13	WSW	7.8	10.3	8.1	6.7	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:35	10.1	10.1	10.1	95	9.3	11	SW	0.92	17	SW	7.2	10.3	7.4	6.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:40	10.1	10.1	10.1	95	9.3	11	SW	0.92	19	SW	7.2	10.3	7.4	6.2	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:45	10.1	10.1	10.1	94	9.1	11	SW	0.92	19	W	7.2	10.3	7.4	6.1	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:50	10.1	10.1	10.1	94	9.2	11	SW	0.92	21	S	7.2	10.3	7.4	6.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	22:55	10.1	10.1	10.1	94	9.1	10	SW	0.83	15	SW	7.4	10.3	7.7	6.3	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	23:00	10.1	10.1	10.1	94	9.1	9	SW	0.75	13	SSW	7.8	10.3	8.0	6.6	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	23:05	10.1	10.1	10.1	94	9.1	7	SW	0.58	12	WSW	8.5	10.3	8.7	7.2	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	1	5
01/12/2018	23:10	10.0	10.1	10.0	94	9.1	8	SW	0.67	14	WSW	8.1	10.3	8.3	6.9	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	1	5
01/12/2018	23:15	10.0	10.1	10.0	94	9.1	7	SW	0.58	12	WSW	8.4	10.3	8.7	7.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	23:20	9.9	10.0	9.9	94	9.0	10	SW	0.83	18	WSW	7.3	10.2	7.6	6.3	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	23:25	10.0	10.0	9.9	94	9.1	9	SW	0.75	15	SW	7.7	10.3	8.0	6.6	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	1	5
01/12/2018	23:30	10.0	10.0	9.9	94	9.1	11	SW	0.92	17	WSW	7.1	10.3	7.4	6.1	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	1	5
01/12/2018	23:35	9.9	10.0	9.9	94	9.0	9	SW	0.75	15	SSW	7.7	10.2	7.9	6.6	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	23:40	9.9	10.0	9.9	94	9.0	8	SW	0.67	12	W	8.0	10.2	8.3	6.8	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	0	5
01/12/2018	23:45	9.9	9.9	9.9	94	9.0	9	SW	0.75	17	SSW	7.7	10.2	7.9	6.6	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	10.0	3	5
01/12/2018	23:50	9.9	9.9	9.9	94	9.0	8	SW	0.67	14	WSW	8.0	10.2	8.3	6.8	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	9.4	3	5
01/12/2018	23:55	9.9	9.9	9.9	94	9.0	9	SW	0.75	14	SW	7.6	10.2	7.9	6.5	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	9.4	9	5
02/12/2018	00:00	9.9	9.9	9.9	94	9.0	9	SW	0.75	16	SW	7.6	10.2	7.9	6.5	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	8.9	14	5
02/12/2018	00:05	9.8	9.9	9.8	94	8.9	8	SW	0.67	14	SSW	7.8	10.1	8.1	6.7	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.3	7.2	8.9	15	5
02/12/2018	00:10	9.8	9.9	9.8	95	9.1	8	SW	0.67	12	WSW	7.8	10.1	8.1	6.7	29.29	0.2	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	00:15	9.8	9.8	9.8	95	9.0	7	SW	0.58	11	SSW	8.2	10.1	8.4	6.9	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	00:20	9.7	9.8	9.7	95	9.0	8	SW	0.67	14	SSW	7.7	10.0	8.0	6.6	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
02/12/2018	00:25	9.7	9.7	9.7	95	8.9	7	SW	0.58	14	W	8.1	9.9	8.3	6.8	29.29	0.2	0.8	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	00:30	9.6	9.7	9.6	95	8.8	6	SW	0.50	10	SSW	8.3	9.9	8.6	7.1	29.28	0.0	0.8	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	00:35	9.6	9.6	9.6	95	8.8	7	SW	0.58	12	SW	7.9	9.8	8.2	6.7	29.28	0.2	1.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	00:40	9.6	9.6	9.6	95	8.8	6	SSW	0.50	12	SW	8.2	9.8	8.4	6.9	29.28	0.0	1.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	00:45	9.5	9.6	9.5	95	8.7	7	SW	0.58	11	SSW	7.8	9.8	8.1	6.6	29.28	0.0	1.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	00:50	9.4	9.5	9.4	95	8.7	7	SW	0.58	14	S	7.8	9.7	8.1	6.6	29.28	0.0	0.8	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	00:55	9.4	9.4	9.4	96	8.8	5	SSW	0.42	9	SSW	8.3	9.7	8.6	7.1	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	01:00	9.4	9.4	9.4	96	8.8	5	SSW	0.42	11	SSW	8.3	9.7	8.6	7.1	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	01:05	9.3	9.4	9.3	96	8.7	7	SSW	0.58	13	SW	7.7	9.6	7.9	6.4	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.2	8.9	15	5
02/12/2018	01:10	9.3	9.4	9.3	96	8.7	6	SSW	0.50	9	SSW	7.9	9.6	8.2	6.7	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.2	8.9	15	5
02/12/2018	01:15	9.3	9.3	9.3	96	8.7	6	SSW	0.50	12	SSW	7.8	9.6	8.1	6.6	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.2	8.9	15	5
02/12/2018	01:20	9.3	9.3	9.3	96	8.7	6	SSW	0.50	11	SSW	7.8	9.6	8.1	6.6	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.2	8.9	15	5
02/12/2018	01:25	9.3	9.3	9.3	96	8.7	6	SSW	0.50	10	SSW	7.8	9.6	8.1	6.6	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	01:30	9.2	9.3	9.2	96	8.6	6	SSW	0.50	11	SSW	7.8	9.5	8.1	6.6	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	01:35	9.2	9.3	9.2	96	8.6	6	SSW	0.50	12	SSW	7.8	9.5	8.1	6.6	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	01:40	9.2	9.2	9.2	96	8.6	7	SSW	0.58	12	SSW	7.5	9.5	7.8	6.3	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	01:45	9.2	9.2	9.2	96	8.6	7	SW	0.58	12	SSW	7.4	9.4	7.7	6.2	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	01:50	9.2	9.2	9.2	96	8.6	4	SW	0.33	8	SW	8.4	9.4	8.7	7.2	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	01:55	9.2	9.2	9.2	97	8.7	5	SSW	0.42	10	SSW	8.1	9.4	8.3	6.8	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	02:00	9.2	9.2	9.2	97	8.7	5	SSW	0.42	9	SSW	8.1	9.4	8.3	6.8	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	02:05	9.2	9.2	9.1	97	8.7	5	SSW	0.42	10	SSW	8.1	9.4	8.3	6.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	02:10	9.1	9.2	9.1	97	8.7	5	SSW	0.42	10	SSW	7.9	9.4	8.2	6.7	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	02:15	9.1	9.1	9.1	97	8.7	6	SSW	0.50	10	SSW	7.7	9.4	7.9	6.4	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	02:20	9.1	9.1	9.1	97	8.7	6	SSW	0.50	10	SSW	7.7	9.4	7.9	6.4	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	02:25	9.1	9.1	9.1	97	8.7	6	SSW	0.50	10	SSW	7.7	9.4	7.9	6.4	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	02:30	9.1	9.1	9.1	97	8.7	7	SSW	0.58	11	SSW	7.4	9.4	7.7	6.2	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	02:35	9.1	9.1	9.1	97	8.6	7	SSW	0.58	12	SSW	7.3	9.3	7.6	6.1	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.2	8.9	15	5
02/12/2018	02:40	9.1	9.1	9.1	97	8.6	8	SSW	0.67	12	SSW	6.9	9.3	7.2	5.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	02:45	9.1	9.1	9.1	97	8.6	8	SSW	0.67	15	SSW	6.9	9.3	7.2	5.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	02:50	9.1	9.1	9.1	97	8.6	7	SW	0.58	11	SW	7.3	9.3	7.6	6.1	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	02:55	9.1	9.1	9.1	97	8.6	8	SW	0.67	14	SSW	6.9	9.3	7.2	5.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:00	9.1	9.1	9.1	97	8.6	8	SW	0.67	12	SSW	6.9	9.3	7.2	5.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:05	9.1	9.1	9.1	97	8.7	7	SW	0.58	12	SSW	7.4	9.4	7.7	6.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:10	9.1	9.1	9.1	97	8.7	8	SW	0.67	13	SSW	7.0	9.4	7.3	5.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:15	9.1	9.1	9.1	97	8.7	8	SW	0.67	11	SSW	7.0	9.4	7.3	5.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:20	9.1	9.1	9.1	97	8.7	7	SW	0.58	10	SSW	7.4	9.4	7.7	6.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:25	9.1	9.1	9.1	97	8.7	6	SW	0.50	12	SSW	7.7	9.4	7.9	6.4	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:30	9.1	9.1	9.1	97	8.7	7	SSW	0.58	10	SSW	7.4	9.4	7.7	6.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:35	9.1	9.1	9.1	98	8.8	6	SW	0.50	10	SSW	7.7	9.4	7.9	6.4	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:40	9.1	9.1	9.1	98	8.8	6	SSW	0.50	11	SSW	7.7	9.4	7.9	6.4	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	8.9	15	5
02/12/2018	03:45	9.1	9.1	9.1	98	8.8	6	SW	0.50	9	SW	7.6	9.3	7.9	6.4	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.3	15	5
02/12/2018	03:50	9.1	9.1	9.1	98	8.8	7	SW	0.58	10	SSW	7.3	9.3	7.6	6.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.3	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
02/12/2018	03:55	9.1	9.1	9.1	98	8.8	7	SW	0.58	11	SSW	7.3	9.3	7.6	6.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.3	15	5
02/12/2018	04:00	9.1	9.1	9.1	98	8.8	7	SW	0.58	11	SSW	7.3	9.3	7.6	6.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	04:05	9.1	9.1	9.1	98	8.8	6	SW	0.50	10	WSW	7.6	9.3	7.9	6.4	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	04:10	9.1	9.1	9.1	98	8.8	5	SW	0.42	8	WSW	7.9	9.3	8.2	6.7	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	04:15	9.1	9.1	9.0	98	8.8	6	SW	0.50	9	SW	7.6	9.3	7.9	6.4	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	04:20	9.1	9.1	9.1	98	8.8	5	SW	0.42	8	SW	7.9	9.3	8.2	6.7	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	04:25	9.1	9.1	9.0	98	8.8	5	WSW	0.42	7	SW	7.9	9.3	8.2	6.7	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.3	15	5
02/12/2018	04:30	9.0	9.1	9.0	98	8.7	5	WSW	0.42	8	WSW	7.8	9.3	8.1	6.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.3	15	5
02/12/2018	04:35	8.9	9.0	8.9	98	8.6	6	SW	0.50	9	SW	7.4	9.2	7.7	6.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.3	15	5
02/12/2018	04:40	8.9	9.0	8.9	98	8.6	7	SW	0.58	10	SW	7.2	9.2	7.4	5.9	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.3	15	5
02/12/2018	04:45	8.9	8.9	8.9	98	8.6	7	SW	0.58	11	W	7.2	9.2	7.4	5.9	29.25	0.2	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.2	7.8	8.3	15	5
02/12/2018	04:50	8.9	8.9	8.9	98	8.6	7	SW	0.58	11	SW	7.1	9.2	7.4	5.9	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.2	7.8	8.3	15	5
02/12/2018	04:55	8.9	8.9	8.9	98	8.6	6	SW	0.50	10	SSW	7.4	9.2	7.7	6.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.2	7.8	8.3	15	5
02/12/2018	05:00	8.9	8.9	8.9	98	8.6	7	SW	0.58	10	WSW	7.1	9.2	7.4	5.9	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.2	7.8	8.3	15	5
02/12/2018	05:05	8.9	8.9	8.9	98	8.6	9	SW	0.75	12	SW	6.4	9.2	6.7	5.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.2	7.8	8.3	15	5
02/12/2018	05:10	8.9	8.9	8.9	98	8.6	8	SW	0.67	13	WSW	6.7	9.2	7.0	5.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.2	7.8	8.3	15	5
02/12/2018	05:15	8.9	8.9	8.9	98	8.6	8	SW	0.67	13	WSW	6.8	9.2	7.1	5.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.2	7.8	8.3	15	5
02/12/2018	05:20	8.9	9.0	8.9	98	8.6	7	SW	0.58	11	WSW	7.2	9.2	7.4	5.9	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.2	7.8	8.3	15	5
02/12/2018	05:25	9.0	9.0	8.9	98	8.7	8	SW	0.67	11	WSW	6.8	9.3	7.1	5.7	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.8	7.8	8.9	15	5
02/12/2018	05:30	9.1	9.1	9.0	98	8.8	8	SW	0.67	13	SSW	7.0	9.4	7.3	5.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.8	7.8	8.9	15	5
02/12/2018	05:35	9.2	9.2	9.1	98	8.9	7	SW	0.58	10	SW	7.4	9.4	7.7	6.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.8	7.8	8.9	15	5
02/12/2018	05:40	9.2	9.2	9.2	98	8.9	7	SW	0.58	11	WSW	7.4	9.4	7.7	6.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	7.8	7.8	7.8	8.9	15	5
02/12/2018	05:45	9.2	9.2	9.2	98	8.9	7	SW	0.58	10	SSW	7.5	9.5	7.8	6.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	05:50	9.3	9.3	9.2	99	9.1	7	SW	0.58	11	SW	7.6	9.6	7.9	6.4	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	05:55	9.3	9.3	9.3	99	9.1	6	SW	0.50	10	SSW	7.8	9.6	8.2	6.7	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	06:00	9.3	9.3	9.3	99	9.2	6	SW	0.50	10	WSW	7.9	9.7	8.3	6.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	06:05	9.4	9.4	9.3	98	9.1	6	SW	0.50	10	SW	8.0	9.7	8.3	6.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	06:10	9.4	9.4	9.4	98	9.1	6	SW	0.50	9	SW	8.0	9.7	8.3	6.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	8.9	15	5
02/12/2018	06:15	9.4	9.4	9.4	98	9.1	7	SW	0.58	11	WSW	7.8	9.8	8.1	6.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	06:20	9.5	9.5	9.4	98	9.2	7	SW	0.58	11	SSW	7.8	9.8	8.2	6.7	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	06:25	9.6	9.6	9.4	99	9.4	6	SW	0.50	12	WSW	8.2	9.9	8.5	7.0	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	06:30	9.6	9.6	9.6	99	9.5	4	WSW	0.33	9	SW	8.9	9.9	9.3	7.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	9.4	15	5
02/12/2018	06:35	9.6	9.6	9.6	99	9.5	5	WSW	0.42	11	SW	8.6	9.9	8.9	7.4	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	9.4	15	5
02/12/2018	06:40	9.7	9.7	9.6	99	9.5	7	WSW	0.58	13	SW	8.1	10.0	8.4	6.9	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	9.4	15	5
02/12/2018	06:45	9.8	9.8	9.7	99	9.6	7	W	0.58	18	SSW	8.2	10.1	8.5	7.0	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	9.4	15	5
02/12/2018	06:50	9.8	9.8	9.7	99	9.6	6	W	0.50	12	W	8.4	10.1	8.8	7.3	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	06:55	9.8	9.8	9.8	99	9.6	6	WSW	0.50	14	W	8.4	10.1	8.8	7.3	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	07:00	9.7	9.8	9.7	99	9.6	7	W	0.58	14	WSW	8.1	10.1	8.4	6.9	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	07:05	9.8	9.8	9.7	99	9.6	6	W	0.50	14	W	8.4	10.1	8.8	7.3	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	07:10	9.7	9.8	9.7	99	9.6	5	W	0.42	10	W	8.7	10.1	9.0	7.5	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	07:15	9.7	9.7	9.7	99	9.6	5	WSW	0.42	11	W	8.7	10.1	9.0	7.5	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.2	7.8	9.4	15	5
02/12/2018	07:20	9.7	9.7	9.7	99	9.6	5	SW	0.42	9	W	8.7	10.1	9.0	7.5	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.2	7.8	9.4	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
02/12/2018	07:25	9.7	9.7	9.7	99	9.5	6	SW	0.50	13	WNW	8.3	10.0	8.7	7.2	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.2	7.8	9.4	15	5
02/12/2018	07:30	9.7	9.7	9.7	99	9.5	7	SW	0.58	15	W	8.1	10.0	8.4	6.9	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.2	7.8	9.4	15	5
02/12/2018	07:35	9.7	9.7	9.7	99	9.6	7	SW	0.58	12	W	8.1	10.1	8.4	6.9	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.2	7.8	9.4	15	5
02/12/2018	07:40	9.8	9.8	9.7	99	9.6	7	WSW	0.58	15	W	8.2	10.1	8.5	7.0	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	07:45	9.8	9.8	9.7	99	9.6	8	SW	0.67	17	W	7.8	10.1	8.1	6.7	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	9.4	15	5
02/12/2018	07:50	9.9	9.9	9.8	99	9.7	7	WSW	0.58	12	WSW	8.3	10.2	8.7	7.2	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	10.0	15	5
02/12/2018	07:55	9.9	9.9	9.9	99	9.8	7	SW	0.58	13	SW	8.4	10.3	8.8	7.3	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	7.8	7.8	7.8	10.0	15	5
02/12/2018	08:00	9.9	9.9	9.9	99	9.8	7	SW	0.58	12	SW	8.4	10.3	8.8	7.3	29.28	0.0	0.0	2	0.01	5	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	10.0	15	5
02/12/2018	08:05	10.0	10.0	9.9	99	9.9	7	SW	0.58	10	WSW	8.4	10.4	8.8	7.4	29.28	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	10.0	15	5
02/12/2018	08:10	10.1	10.1	9.9	99	9.9	8	SW	0.67	11	SW	8.1	10.4	8.5	7.1	29.28	0.0	0.0	3	0.02	5	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	10.0	15	5
02/12/2018	08:15	10.1	10.1	10.0	99	9.9	8	SW	0.67	13	WSW	8.1	10.4	8.5	7.1	29.28	0.0	0.0	4	0.03	5	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	10.0	15	5
02/12/2018	08:20	10.1	10.1	10.1	99	10.0	8	SW	0.67	13	WSW	8.2	10.4	8.5	7.1	29.28	0.0	0.0	4	0.03	5	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.9	7.8	10.0	15	5
02/12/2018	08:25	10.2	10.2	10.1	99	10.0	7	SW	0.58	13	W	8.7	10.5	9.0	7.6	29.28	0.2	0.0	3	0.02	5	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.3	7.8	10.0	15	5
02/12/2018	08:30	10.2	10.2	10.2	99	10.0	6	SW	0.50	9	SW	8.9	10.5	9.3	7.9	29.28	0.0	0.0	3	0.02	5	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.9	7.8	10.0	15	5
02/12/2018	08:35	10.2	10.2	10.2	99	10.1	6	SW	0.50	10	SSW	9.0	10.6	9.3	7.9	29.28	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.9	7.8	10.0	15	5
02/12/2018	08:40	10.2	10.2	10.2	99	10.1	7	SSW	0.58	12	SSW	8.7	10.6	9.1	7.7	29.28	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.9	7.8	10.0	15	5
02/12/2018	08:45	10.3	10.3	10.2	99	10.1	6	SW	0.50	11	SSW	9.1	10.6	9.4	8.1	29.28	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.9	7.8	10.0	15	5
02/12/2018	08:50	10.3	10.3	10.3	99	10.1	6	SSW	0.50	10	SW	9.1	10.6	9.4	8.1	29.28	0.2	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.9	7.8	10.0	15	5
02/12/2018	08:55	10.3	10.3	10.3	99	10.1	6	SSW	0.50	10	SSW	9.1	10.6	9.4	8.1	29.28	0.0	0.0	8	0.06	11	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.9	7.8	10.0	15	5
02/12/2018	09:00	10.3	10.3	10.3	99	10.2	5	SSW	0.42	9	SSW	9.4	10.7	9.7	8.4	29.28	0.0	0.0	11	0.08	12	0	0.00	0.00	0.03	0.00	0.00	44	7.8	8.9	7.8	10.0	15	5
02/12/2018	09:05	10.3	10.3	10.3	99	10.2	6	SSW	0.50	9	SSW	9.1	10.7	9.4	8.1	29.28	0.0	0.0	11	0.08	12	0	0.00	0.00	0.03	0.00	0.00	44	8.3	8.9	7.8	10.0	15	5
02/12/2018	09:10	10.4	10.4	10.3	99	10.2	6	SSW	0.50	10	SSW	9.2	10.7	9.5	8.2	29.28	0.2	0.0	11	0.08	12	0	0.00	0.00	0.03	0.00	0.00	44	8.3	9.4	7.8	10.0	15	5
02/12/2018	09:15	10.4	10.4	10.4	99	10.3	6	SSW	0.50	9	SSW	9.3	10.8	9.6	8.3	29.28	0.0	0.0	14	0.10	14	0	0.00	0.00	0.03	0.00	0.00	44	8.3	9.4	7.8	10.0	15	5
02/12/2018	09:20	10.4	10.4	10.4	99	10.3	7	SSW	0.58	14	SSW	9.0	10.8	9.3	8.2	29.28	0.0	0.0	20	0.14	23	0	0.00	0.00	0.03	0.00	0.00	44	8.3	9.4	7.8	10.6	15	5
02/12/2018	09:25	10.6	10.6	10.4	99	10.4	8	SW	0.67	12	S	8.7	10.9	9.1	7.9	29.28	0.0	0.0	21	0.15	23	0	0.00	0.00	0.03	0.00	0.00	44	8.3	9.4	7.8	10.6	15	5
02/12/2018	09:30	10.7	10.7	10.6	99	10.5	8	SW	0.67	14	SSW	8.8	11.0	9.2	8.0	29.28	0.0	0.0	16	0.11	19	0	0.00	0.00	0.03	0.00	0.00	44	8.3	9.4	7.8	10.6	15	5
02/12/2018	09:35	10.7	10.7	10.6	99	10.6	8	SW	0.67	13	SSW	8.9	11.1	9.3	8.4	29.28	0.0	0.0	12	0.09	14	0	0.00	0.00	0.03	0.00	0.00	44	8.3	9.4	7.8	10.6	15	5
02/12/2018	09:40	10.8	10.8	10.7	99	10.6	8	SW	0.67	14	SSW	9.0	11.1	9.3	8.8	29.28	0.0	0.0	26	0.19	30	0	0.00	0.00	0.03	0.00	0.00	44	8.3	9.4	7.8	10.6	15	5
02/12/2018	09:45	10.8	10.8	10.8	99	10.7	10	SW	0.83	20	SW	8.4	11.2	8.7	8.2	29.28	0.0	0.0	23	0.16	26	0	0.00	0.00	0.03	0.00	0.00	44	8.3	9.4	7.8	10.6	15	5
02/12/2018	09:50	10.9	10.9	10.8	99	10.7	8	WSW	0.67	16	WSW	9.1	11.2	9.4	8.9	29.28	0.0	0.0	25	0.18	32	0	0.00	0.00	0.03	0.00	0.00	44	8.3	9.4	7.8	11.1	15	5
02/12/2018	09:55	10.9	10.9	10.9	99	10.7	10	SW	0.83	18	WSW	8.4	11.2	8.8	8.6	29.28	0.0	0.0	37	0.27	40	0	0.00	0.00	0.03	0.00	0.00	44	8.3	10.0	7.8	11.1	15	5
02/12/2018	10:00	10.9	10.9	10.9	99	10.8	8	WSW	0.67	14	WSW	9.2	11.3	9.5	9.3	29.29	0.0	0.0	38	0.27	42	0	0.00	0.00	0.03	0.00	0.00	44	8.3	10.0	7.8	11.1	15	5
02/12/2018	10:05	10.9	11.0	10.9	99	10.8	10	SW	0.83	21	W	8.5	11.3	8.8	8.9	29.29	0.0	0.0	51	0.37	58	0	0.00	0.00	0.03	0.00	0.00	44	8.3	10.0	7.8	11.7	15	5
02/12/2018	10:10	11.1	11.1	11.0	99	10.9	9	SW	0.75	20	SW	8.9	11.4	9.3	9.0	29.29	0.0	0.0	34	0.24	49	0	0.00	0.00	0.03	0.00	0.00	43	8.3	10.0	7.8	11.7	15	5
02/12/2018	10:15	11.0	11.1	11.0	99	10.8	9	WSW	0.75	16	SW	8.9	11.3	9.2	9.2	29.29	0.0	0.0	46	0.33	49	0	0.00	0.00	0.03	0.00	0.00	43	8.3	10.0	7.8	11.7	15	5
02/12/2018	10:20	11.1	11.1	11.0	99	10.9	9	W	0.75	19	W	8.9	11.4	9.3	8.9	29.29	0.0	0.0	30	0.22	35	0	0.00	0.00	0.03	0.00	0.00	43	8.3	10.0	7.8	11.7	15	5
02/12/2018	10:25	11.1	11.1	11.1	99	11.0	9	SW	0.75	17	SW	9.0	11.4	9.3	9.1	29.29	0.0	0.0	35	0.25	37	0	0.00	0.00	0.03	0.00	0.00	43	8.3	10.0	7.8	11.7	15	5
02/12/2018	10:30	11.1	11.1	11.1	99	11.0	9	SW	0.75	15	SW	9.0	11.4	9.3	9.3	29.29	0.0	0.0	47	0.34	53	0	0.00	0.00	0.03	0.00	0.00	43	8.3	10.6	7.8	11.7	15	5
02/12/2018	10:35	11.2	11.2	11.1	98	10.9	9	SW	0.75	14	W	9.1	11.5	9.4	9.7	29.29	0.0	0.0	63	0.45	83	0	0.00	0.00	0.03	0.00	0.00	43	8.3	10.6	7.8	11.7	15	5
02/12/2018	10:40	11.3	11.3	11.2	98	11.0	8	SW	0.67	14	SW	9.7	11.6	9.9	11.0	29.29	0.0	0.0	96	0.69	113	0	0.00	0.00	0.02	0.00	0.00	43	8.3	10.6	7.8	12.2	15	5
02/12/2018	10:45	11.4	11.4	11.3	98	11.1	9	SW	0.75	17	SW	9.3	11.7	9.6	10.7	29.29	0.0	0.0	97	0.70	113	0	0.00	0.00	0.02	0.00	0.00	43	8.3	10.6	7.8	12.2	15	5
02/12/2018	10:50	11.5	11.5	11.4	97	11.0	9	SW	0.75	17	WSW	9.4	11.7	9.7	10.7	29.29	0.0	0.0	95	0.68	120	0	0.00	0.00	0.02	0.00	0.00	43	8.3	10.6	7.8	12.2	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
02/12/2018	10:55	11.6	11.6	11.5	97	11.1	10	SW	0.83	19	SW	9.2	11.8	9.4	10.7	29.29	0.0	0.0	108	0.77	139	0	0.00	0.00	0.02	0.00	0.00	43	8.3	11.1	7.8	12.2	14	5
02/12/2018	11:00	11.6	11.6	11.6	97	11.2	11	WSW	0.92	19	SSW	8.9	11.8	9.2	10.3	29.29	0.0	0.0	102	0.73	144	0	0.00	0.00	0.02	0.00	0.03	43	8.3	11.1	7.8	12.2	14	5
02/12/2018	11:05	11.6	11.6	11.6	96	11.0	10	SW	0.83	16	WSW	9.3	11.8	9.5	10.2	29.28	0.0	0.0	83	0.59	104	0	0.00	0.00	0.02	0.00	0.00	43	8.3	10.6	7.8	12.2	14	5
02/12/2018	11:10	11.6	11.7	11.6	96	11.0	10	WSW	0.83	18	SW	9.3	11.8	9.5	10.6	29.29	0.0	0.0	102	0.73	151	0	0.00	0.00	0.02	0.00	0.00	43	8.3	10.6	7.8	12.2	13	5
02/12/2018	11:15	11.7	11.7	11.6	96	11.1	9	WSW	0.75	19	WSW	9.7	11.9	9.9	11.6	29.28	0.0	0.0	135	0.97	185	0	0.00	0.00	0.02	0.00	0.00	43	8.3	11.1	7.8	12.2	13	5
02/12/2018	11:20	11.8	11.8	11.7	96	11.2	12	SW	1.00	24	SW	8.8	12.0	9.1	11.2	29.28	0.0	0.0	172	1.23	192	0	0.00	0.00	0.02	0.00	0.00	43	8.3	11.1	7.8	13.3	12	5
02/12/2018	11:25	11.8	11.8	11.8	96	11.2	11	WSW	0.92	24	WSW	9.1	12.0	9.3	11.1	29.28	0.0	0.0	138	0.99	179	0	0.00	0.00	0.02	0.00	0.00	43	8.3	10.6	7.8	13.3	11	5
02/12/2018	11:30	11.8	11.8	11.8	95	11.1	10	SW	0.83	21	WSW	9.6	12.0	9.7	10.9	29.28	0.0	0.0	110	0.79	130	0	0.00	0.00	0.02	0.00	0.00	43	8.3	10.6	7.8	13.3	11	5
02/12/2018	11:35	11.8	11.8	11.8	95	11.1	11	SW	0.92	19	SW	9.2	12.0	9.4	10.2	29.28	0.0	0.0	94	0.67	111	0	0.00	0.00	0.02	0.00	0.00	43	8.3	10.6	7.8	12.2	10	5
02/12/2018	11:40	11.8	11.8	11.8	96	11.2	11	WSW	0.92	23	SW	9.2	12.1	9.4	11.5	29.28	0.0	0.0	163	1.17	243	0	0.00	0.00	0.02	0.00	0.00	43	8.3	11.7	7.8	11.7	15	5
02/12/2018	11:45	11.8	11.9	11.8	96	11.2	10	WSW	0.83	19	SSW	9.6	12.1	9.8	11.9	29.28	0.0	0.0	162	1.16	246	0	0.00	0.00	0.02	0.00	0.00	43	8.3	11.1	7.8	11.7	15	5
02/12/2018	11:50	11.8	11.8	11.8	96	11.2	11	WSW	0.92	19	WSW	9.1	12.0	9.3	10.4	29.28	0.0	0.0	103	0.74	121	0	0.00	0.00	0.02	0.00	0.00	43	8.3	11.1	7.8	12.2	15	5
02/12/2018	11:55	11.8	11.8	11.8	95	11.0	13	WSW	1.08	25	W	8.6	11.9	8.8	9.0	29.28	0.0	0.0	63	0.45	83	0	0.00	0.00	0.02	0.00	0.00	43	8.3	11.1	7.8	11.1	15	5
02/12/2018	12:00	11.7	11.8	11.6	96	11.1	13	SW	1.08	21	SW	8.5	11.9	8.7	9.1	29.27	0.0	0.0	72	0.52	98	0	0.00	0.00	0.02	0.00	0.05	43	8.3	10.6	7.8	11.1	15	5
02/12/2018	12:05	11.6	11.7	11.6	96	10.9	13	SW	1.08	24	WSW	8.4	11.8	8.6	9.1	29.27	0.0	0.0	74	0.53	97	0	0.00	0.00	0.02	0.00	0.00	42	8.3	10.6	7.8	11.1	15	5
02/12/2018	12:10	11.6	11.6	11.6	96	10.9	11	SW	0.92	19	SW	8.9	11.8	9.1	9.6	29.27	0.0	0.0	76	0.54	84	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.6	7.8	11.1	15	5
02/12/2018	12:15	11.6	11.6	11.6	96	11.0	12	WSW	1.00	20	WSW	8.7	11.8	8.9	9.1	29.27	0.0	0.0	63	0.45	67	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.6	7.8	11.7	15	5
02/12/2018	12:20	11.6	11.6	11.6	96	11.0	11	WSW	0.92	20	WSW	8.9	11.8	9.2	9.5	29.27	0.0	0.0	67	0.48	88	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.7	15	5
02/12/2018	12:25	11.7	11.7	11.6	96	11.1	11	WSW	0.92	23	SSW	9.0	11.9	9.2	9.4	29.27	0.0	0.0	58	0.42	63	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	12:30	11.7	11.7	11.6	96	11.1	13	WSW	1.08	25	SSW	8.5	11.9	8.7	8.9	29.27	0.2	0.0	60	0.43	67	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	12:35	11.6	11.7	11.6	96	11.0	10	SW	0.83	20	SSW	9.3	11.8	9.5	9.7	29.27	0.0	0.0	61	0.44	70	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	12:40	11.6	11.6	11.6	96	11.0	9	WSW	0.75	20	WSW	9.6	11.8	9.8	10.2	29.27	0.0	0.0	66	0.47	69	0	0.00	0.00	0.02	0.00	0.00	42	8.9	11.1	7.8	11.1	15	5
02/12/2018	12:45	11.6	11.6	11.6	96	10.9	11	WSW	0.92	23	WSW	8.9	11.8	9.1	9.3	29.27	0.2	1.0	62	0.44	74	0	0.00	0.00	0.02	0.00	0.00	42	8.9	11.1	7.8	11.1	15	5
02/12/2018	12:50	11.6	11.6	11.5	96	10.9	10	WSW	0.83	22	WSW	9.2	11.8	9.4	9.7	29.27	0.0	1.0	63	0.45	67	0	0.00	0.00	0.02	0.00	0.00	42	8.9	11.1	7.8	11.1	15	5
02/12/2018	12:55	11.6	11.6	11.6	96	10.9	12	WSW	1.00	20	SW	8.6	11.8	8.8	8.9	29.27	0.0	0.8	56	0.40	62	0	0.00	0.00	0.02	0.00	0.00	42	8.9	11.1	7.8	11.1	15	5
02/12/2018	13:00	11.6	11.6	11.6	96	10.9	13	SW	1.08	27	SW	8.4	11.8	8.6	8.5	29.27	0.0	0.0	43	0.31	54	0	0.00	0.00	0.02	0.00	0.03	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	13:05	11.6	11.6	11.6	96	10.9	13	WSW	1.08	23	W	8.4	11.8	8.6	8.7	29.27	0.0	0.0	54	0.39	60	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	13:10	11.6	11.6	11.6	96	11.0	10	WSW	0.83	19	W	9.3	11.8	9.5	9.5	29.27	0.0	0.0	51	0.37	58	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	13:15	11.6	11.6	11.6	96	11.0	13	WSW	1.08	23	WSW	8.4	11.8	8.7	8.6	29.27	0.0	0.0	46	0.33	51	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.7	15	5
02/12/2018	13:20	11.7	11.7	11.6	95	10.9	12	WSW	1.00	23	WSW	8.7	11.8	8.9	9.0	29.27	0.0	0.0	55	0.39	58	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.7	15	5
02/12/2018	13:25	11.8	11.8	11.7	95	11.0	9	WSW	0.75	17	SSW	9.8	11.9	9.9	10.4	29.27	0.0	0.0	69	0.49	83	0	0.00	0.00	0.02	0.00	0.00	42	8.9	11.1	7.8	12.2	15	5
02/12/2018	13:30	11.8	11.8	11.8	95	11.1	11	SW	0.92	20	W	9.2	12.0	9.4	9.6	29.28	0.0	0.0	57	0.41	67	0	0.00	0.00	0.02	0.00	0.00	42	8.9	11.1	7.8	12.2	15	5
02/12/2018	13:35	11.8	11.8	11.8	94	10.9	10	SW	0.83	20	SW	9.6	12.0	9.7	9.8	29.28	0.0	0.0	54	0.39	65	0	0.00	0.00	0.02	0.00	0.00	42	8.9	11.1	7.8	11.7	15	5
02/12/2018	13:40	11.8	11.8	11.8	94	10.8	11	SW	0.92	23	WSW	9.1	11.9	9.3	9.2	29.27	0.0	0.0	44	0.32	47	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.7	15	5
02/12/2018	13:45	11.8	11.8	11.8	95	11.0	11	SW	0.92	21	SW	9.1	11.9	9.3	9.1	29.27	0.0	0.0	42	0.30	51	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	13:50	11.7	11.8	11.7	95	10.9	11	SW	0.92	21	SW	9.1	11.9	9.2	8.8	29.27	0.0	0.0	32	0.23	44	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	13:55	11.7	11.7	11.7	95	10.9	9	WSW	0.75	17	SW	9.7	11.9	9.9	9.7	29.27	0.0	0.0	41	0.29	54	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	14:00	11.7	11.7	11.7	95	10.9	12	SW	1.00	20	SW	8.7	11.8	8.9	8.6	29.28	0.0	0.0	33	0.24	39	0	0.00	0.00	0.02	0.00	0.03	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	14:05	11.7	11.7	11.7	95	10.9	13	SW	1.08	23	WSW	8.5	11.8	8.7	8.6	29.27	0.0	0.0	42	0.30	44	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.1	15	5
02/12/2018	14:10	11.7	11.7	11.6	94	10.7	11	SW	0.92	20	WSW	9.0	11.8	9.2	9.0	29.27	0.0	0.0	40	0.29	47	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.7	15	5
02/12/2018	14:15	11.7	11.8	11.7	94	10.8	10	WSW	0.83	20	WSW	9.4	11.9	9.6	9.7	29.27	0.0	0.0	52	0.37	56	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	12.2	15	5
02/12/2018	14:20	11.8	11.8	11.8	93	10.7	8	SW	0.67	16	W	10.3	11.9	10.4	10.3	29.27	0.0	0.0	43	0.31	49	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
02/12/2018	14:25	11.8	11.8	11.8	93	10.7	11	SW	0.92	19	WSW	9.2	11.9	9.3	9.2	29.27	0.0	0.0	40	0.29	42	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.6	7.8	11.7	15	5
02/12/2018	14:30	11.8	11.8	11.8	93	10.7	11	WSW	0.92	23	W	9.2	11.9	9.3	8.9	29.27	0.0	0.0	29	0.21	39	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	7.8	11.7	15	5
02/12/2018	14:35	11.8	11.8	11.8	93	10.7	10	SW	0.83	19	WSW	9.6	11.9	9.7	9.1	29.27	0.0	0.0	22	0.16	23	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	7.8	11.7	15	5
02/12/2018	14:40	11.8	11.8	11.8	93	10.7	11	SW	0.92	19	SW	9.2	11.9	9.3	8.8	29.27	0.0	0.0	21	0.15	23	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	7.8	11.7	15	5
02/12/2018	14:45	11.8	11.8	11.8	93	10.7	12	SW	1.00	21	SW	8.9	11.9	9.1	8.7	29.27	0.0	0.0	29	0.21	33	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	7.8	11.7	14	5
02/12/2018	14:50	11.8	11.8	11.8	92	10.6	12	SW	1.00	19	WSW	8.9	11.9	9.1	8.7	29.27	0.0	0.0	29	0.21	32	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	7.8	11.7	13	5
02/12/2018	14:55	11.8	11.8	11.8	92	10.6	9	SW	0.75	18	SW	9.9	11.9	10.0	9.4	29.27	0.0	0.0	22	0.16	23	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	7.8	11.7	12	5
02/12/2018	15:00	11.8	11.8	11.8	92	10.5	10	SW	0.83	19	WSW	9.4	11.9	9.6	8.9	29.27	0.0	0.0	18	0.13	21	0	0.00	0.00	0.02	0.00	0.03	42	8.9	10.0	7.8	11.7	9	5
02/12/2018	15:05	11.8	11.8	11.8	92	10.5	11	SW	0.92	19	WSW	9.1	11.9	9.2	8.6	29.27	0.0	0.0	19	0.14	21	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	7.8	11.7	4	5
02/12/2018	15:10	11.8	11.8	11.8	92	10.5	12	SW	1.00	27	SSW	8.8	11.9	8.9	7.9	29.27	0.0	0.0	21	0.15	23	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	7.8	11.7	1	5
02/12/2018	15:15	11.8	11.8	11.8	92	10.5	11	SW	0.92	19	SW	9.1	11.9	9.2	8.2	29.27	0.0	0.0	20	0.14	21	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	7.8	11.7	0	5
02/12/2018	15:20	11.8	11.8	11.8	92	10.5	10	SW	0.83	19	SW	9.4	11.9	9.6	8.4	29.27	0.0	0.0	16	0.11	16	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	7.8	11.7	0	5
02/12/2018	15:25	11.8	11.8	11.8	92	10.5	12	SW	1.00	22	SW	8.8	11.9	8.9	7.8	29.26	0.0	0.0	13	0.09	16	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	7.8	11.7	0	5
02/12/2018	15:30	11.8	11.8	11.8	92	10.5	11	SW	0.92	21	SW	9.1	11.9	9.2	8.1	29.26	0.0	0.0	6	0.04	7	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	7.8	11.7	0	5
02/12/2018	15:35	11.8	11.8	11.7	91	10.4	12	SW	1.00	25	WSW	8.8	11.8	8.9	7.7	29.26	0.0	0.0	5	0.04	5	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	15:40	11.7	11.8	11.7	91	10.3	13	SW	1.08	23	WSW	8.6	11.8	8.6	7.4	29.26	0.0	0.0	4	0.03	5	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	15:45	11.7	11.7	11.7	91	10.3	11	SW	0.92	19	WSW	9.1	11.8	9.1	7.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	15:50	11.7	11.7	11.7	91	10.3	10	WSW	0.83	19	WSW	9.4	11.8	9.4	8.1	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	15:55	11.7	11.7	11.7	91	10.2	10	WSW	0.83	20	WSW	9.3	11.7	9.4	8.1	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	16:00	11.7	11.7	11.7	91	10.2	12	SW	1.00	21	WSW	8.7	11.7	8.8	7.6	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.03	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	16:05	11.6	11.7	11.6	91	10.2	13	SW	1.08	24	W	8.4	11.7	8.5	7.3	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	16:10	11.7	11.7	11.6	91	10.2	11	SW	0.92	21	SW	9.0	11.7	9.1	7.8	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	16:15	11.6	11.7	11.6	91	10.2	11	WSW	0.92	19	SW	8.9	11.7	9.0	7.7	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	16:20	11.6	11.7	11.6	91	10.2	11	WSW	0.92	23	WSW	8.9	11.7	9.0	7.7	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	16:25	11.6	11.6	11.6	91	10.2	13	SW	1.08	24	SW	8.4	11.7	8.5	7.3	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.7	0	5
02/12/2018	16:30	11.7	11.7	11.6	91	10.2	12	SW	1.00	23	SSW	8.7	11.7	8.8	7.6	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	11.1	1	5
02/12/2018	16:35	11.7	11.7	11.6	91	10.2	12	SW	1.00	19	WSW	8.7	11.7	8.8	7.6	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	10.6	14	5
02/12/2018	16:40	11.6	11.7	11.6	92	10.4	12	SW	1.00	21	SW	8.7	11.7	8.8	7.6	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	10.6	14	5
02/12/2018	16:45	11.5	11.6	11.5	92	10.2	12	SW	1.00	21	WSW	8.6	11.6	8.7	7.4	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	10.6	15	5
02/12/2018	16:50	11.4	11.6	11.4	92	10.2	10	SW	0.83	19	WSW	9.1	11.6	9.2	7.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	10.6	15	5
02/12/2018	16:55	11.4	11.4	11.4	93	10.3	11	SW	0.92	21	SSW	8.7	11.6	8.9	7.6	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	7.8	10.6	15	5
02/12/2018	17:00	11.3	11.4	11.3	93	10.2	10	SW	0.83	16	SW	8.9	11.5	9.1	7.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.03	43	8.9	9.4	7.8	10.6	15	5
02/12/2018	17:05	11.3	11.3	11.3	94	10.3	9	SW	0.75	16	SW	9.2	11.4	9.4	8.0	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	10.6	15	5
02/12/2018	17:10	11.3	11.3	11.3	94	10.3	9	SW	0.75	15	SW	9.2	11.4	9.4	8.0	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	10.6	15	5
02/12/2018	17:15	11.2	11.3	11.2	94	10.3	10	SW	0.83	18	SW	8.8	11.4	8.9	7.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	9.4	8.3	10.6	15	5
02/12/2018	17:20	11.2	11.3	11.2	95	10.5	9	SW	0.75	16	WSW	9.1	11.4	9.3	7.9	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	10.0	8.3	10.6	15	5
02/12/2018	17:25	11.2	11.3	11.2	95	10.5	10	SW	0.83	20	WSW	8.8	11.4	9.0	7.7	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	10.0	8.3	10.6	15	5
02/12/2018	17:30	11.3	11.3	11.2	95	10.5	10	SW	0.83	18	WSW	8.9	11.5	9.1	7.8	29.24	0.2	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	8.3	10.6	15	5
02/12/2018	17:35	11.3	11.3	11.3	95	10.5	11	SW	0.92	20	WSW	8.6	11.5	8.8	7.5	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	8.3	10.6	15	5
02/12/2018	17:40	11.3	11.3	11.3	95	10.6	11	SW	0.92	17	W	8.6	11.6	8.8	7.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	8.3	11.1	15	5
02/12/2018	17:45	11.4	11.4	11.3	95	10.6	11	SW	0.92	21	SW	8.7	11.6	8.9	7.7	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	8.3	11.1	15	5
02/12/2018	17:50	11.4	11.4	11.4	96	10.8	12	SW	1.00	23	WSW	8.5	11.7	8.7	7.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	8.3	11.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
02/12/2018	17:55	11.5	11.5	11.4	96	10.9	10	SW	0.83	17	W	9.1	11.7	9.3	8.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	8.3	11.1	15	5
02/12/2018	18:00	11.5	11.5	11.5	96	10.9	12	SW	1.00	24	SW	8.6	11.7	8.8	7.6	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	8.3	11.7	14	5
02/12/2018	18:05	11.6	11.6	11.5	95	10.8	12	SW	1.00	25	W	8.6	11.7	8.8	7.6	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	8.3	11.7	13	5
02/12/2018	18:10	11.6	11.6	11.6	95	10.8	13	SW	1.08	24	SSW	8.4	11.8	8.6	7.4	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	8.3	11.7	11	5
02/12/2018	18:15	11.7	11.7	11.6	95	10.9	13	SW	1.08	28	W	8.5	11.8	8.7	7.5	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	8.3	11.7	5	5
02/12/2018	18:20	11.7	11.7	11.7	95	10.9	11	WSW	0.92	24	WSW	9.1	11.9	9.2	8.0	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	42	8.9	10.0	8.3	11.7	2	5
02/12/2018	18:25	11.8	11.8	11.7	94	10.8	13	SW	1.08	23	WSW	8.6	11.9	8.8	7.6	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	42	8.9	9.4	8.3	11.7	0	5
02/12/2018	18:30	11.8	11.8	11.8	94	10.8	13	SW	1.08	23	SW	8.6	11.9	8.8	7.6	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	18:35	11.8	11.8	11.8	94	10.8	14	SW	1.17	25	W	8.4	11.9	8.6	7.4	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	18:40	11.8	11.8	11.8	94	10.9	11	SW	0.92	21	WSW	9.2	12.0	9.4	8.2	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	18:45	11.8	11.8	11.8	93	10.7	11	SW	0.92	23	SW	9.2	11.9	9.3	8.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	18:50	11.8	11.8	11.8	93	10.7	15	SW	1.25	25	W	8.3	11.9	8.4	7.3	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	10.0	8.3	11.7	0	5
02/12/2018	18:55	11.9	11.9	11.8	93	10.8	12	SW	1.00	29	WSW	9.0	12.0	9.1	7.9	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:00	11.9	11.9	11.8	93	10.8	12	WSW	1.00	26	S	9.0	12.0	9.1	7.9	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.03	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:05	11.9	11.9	11.9	92	10.6	13	WSW	1.08	22	WSW	8.7	12.0	8.8	7.7	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:10	11.9	11.9	11.9	92	10.7	13	SW	1.08	27	SSW	8.8	12.1	8.9	7.7	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:15	11.9	11.9	11.9	92	10.7	16	WSW	1.33	29	WSW	8.2	12.1	8.3	7.3	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	1	5
02/12/2018	19:20	11.9	11.9	11.9	92	10.6	14	SW	1.17	26	WSW	8.6	12.0	8.7	7.6	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:25	11.9	11.9	11.9	92	10.6	16	WSW	1.33	25	SSW	8.2	12.0	8.3	7.2	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:30	11.8	11.9	11.8	92	10.6	14	WSW	1.17	24	W	8.5	11.9	8.6	7.5	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:35	11.8	11.8	11.8	92	10.6	11	WSW	0.92	23	WSW	9.2	11.9	9.3	8.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:40	11.8	11.8	11.8	92	10.6	11	WSW	0.92	23	SW	9.2	11.9	9.3	8.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:45	11.8	11.8	11.8	92	10.6	10	WSW	0.83	19	WSW	9.6	11.9	9.7	8.4	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:50	11.8	11.8	11.8	92	10.6	11	SW	0.92	24	WSW	9.2	11.9	9.3	8.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	19:55	11.8	11.9	11.8	92	10.6	13	WSW	1.08	26	W	8.7	11.9	8.8	7.6	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	20:00	11.8	11.9	11.8	91	10.4	10	SW	0.83	18	SW	9.6	11.9	9.6	8.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.03	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	20:05	11.8	11.8	11.8	91	10.4	11	SW	0.92	24	WSW	9.1	11.8	9.2	7.9	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	20:10	11.7	11.8	11.7	91	10.3	13	SW	1.08	25	W	8.6	11.8	8.6	7.4	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	20:15	11.7	11.8	11.7	91	10.3	12	WSW	1.00	24	W	8.8	11.8	8.8	7.6	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	20:20	11.7	11.8	11.7	91	10.3	13	WSW	1.08	27	W	8.6	11.8	8.6	7.4	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.1	2	5
02/12/2018	20:25	11.7	11.7	11.7	91	10.3	11	SW	0.92	19	W	9.1	11.8	9.1	7.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.1	1	5
02/12/2018	20:30	11.7	11.7	11.7	91	10.2	10	SW	0.83	19	WSW	9.3	11.7	9.4	8.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.1	0	5
02/12/2018	20:35	11.7	11.7	11.7	91	10.2	9	WSW	0.75	17	WSW	9.7	11.7	9.7	8.3	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	20:40	11.7	11.7	11.7	91	10.2	11	SW	0.92	19	SW	9.0	11.7	9.1	7.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	20:45	11.6	11.7	11.6	91	10.2	12	WSW	1.00	22	SW	8.7	11.7	8.7	7.5	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	20:50	11.7	11.7	11.6	91	10.2	11	SW	0.92	21	WSW	9.0	11.7	9.1	7.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	9.4	8.3	11.7	0	5
02/12/2018	20:55	11.6	11.7	11.6	91	10.2	11	SW	0.92	20	SW	8.9	11.7	9.0	7.7	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.9	8.3	11.1	0	5
02/12/2018	21:00	11.6	11.6	11.6	91	10.1	10	SW	0.83	17	WSW	9.2	11.7	9.3	8.0	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.03	43	8.9	8.9	8.3	11.1	2	5
02/12/2018	21:05	11.5	11.6	11.5	90	9.9	9	WSW	0.75	16	W	9.4	11.6	9.5	8.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.9	8.3	11.1	0	5
02/12/2018	21:10	11.5	11.5	11.4	90	9.9	9	SW	0.75	15	W	9.4	11.6	9.5	8.1	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.9	8.3	11.1	0	5
02/12/2018	21:15	11.4	11.5	11.4	90	9.9	10	SW	0.83	20	SW	9.1	11.5	9.1	7.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.9	8.3	11.1	0	5
02/12/2018	21:20	11.4	11.4	11.4	90	9.8	10	SW	0.83	17	SW	9.0	11.5	9.1	7.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.3	8.3	10.6	5	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
02/12/2018	21:25	11.3	11.4	11.3	90	9.8	10	WSW	0.83	17	SSW	8.9	11.4	9.1	7.7	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.3	8.3	11.1	2	5
02/12/2018	21:30	11.3	11.3	11.3	90	9.7	11	SW	0.92	25	SW	8.6	11.4	8.7	7.4	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.3	8.3	11.1	0	5
02/12/2018	21:35	11.3	11.3	11.3	90	9.7	10	SW	0.83	17	WSW	8.9	11.4	9.0	7.7	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.9	8.3	11.1	0	5
02/12/2018	21:40	11.3	11.3	11.3	91	9.9	12	SW	1.00	20	WSW	8.3	11.4	8.4	7.2	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.9	8.3	11.1	0	5
02/12/2018	21:45	11.3	11.3	11.3	91	9.9	12	SW	1.00	23	SSW	8.3	11.4	8.4	7.2	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.9	8.3	11.1	12	5
02/12/2018	21:50	11.3	11.3	11.3	91	9.9	10	SW	0.83	19	W	8.9	11.4	9.0	7.7	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.9	8.3	10.6	14	5
02/12/2018	21:55	11.3	11.3	11.2	91	9.9	9	SW	0.75	18	SW	9.2	11.4	9.3	7.9	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	8.9	8.9	8.3	10.6	15	5
02/12/2018	22:00	11.2	11.3	11.2	92	10.0	9	SW	0.75	21	WSW	9.1	11.4	9.3	7.9	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	43	8.9	8.9	8.3	10.6	15	5
02/12/2018	22:05	11.2	11.2	11.1	92	9.9	12	WSW	1.00	19	SW	8.2	11.3	8.3	7.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	10.0	15	5
02/12/2018	22:10	11.1	11.2	11.1	92	9.8	10	SW	0.83	19	W	8.6	11.2	8.8	7.4	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	10.0	15	5
02/12/2018	22:15	11.0	11.1	11.0	93	9.9	13	WSW	1.08	22	SW	7.8	11.2	7.9	6.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	10.0	15	5
02/12/2018	22:20	10.9	11.0	10.9	93	9.9	12	SW	1.00	26	WSW	7.9	11.1	8.1	6.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	10.0	15	5
02/12/2018	22:25	10.9	10.9	10.9	93	9.9	12	WSW	1.00	21	SW	7.9	11.1	8.1	6.8	29.26	0.2	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	10.0	15	5
02/12/2018	22:30	10.9	10.9	10.9	93	9.8	13	WSW	1.08	25	SW	7.6	11.1	7.8	6.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	22:35	10.8	10.9	10.8	93	9.7	12	SW	1.00	25	SW	7.7	10.9	7.9	6.7	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	10.0	15	5
02/12/2018	22:40	10.7	10.8	10.7	93	9.6	12	SW	1.00	22	WSW	7.6	10.8	7.7	6.5	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	10.0	15	5
02/12/2018	22:45	10.6	10.7	10.6	93	9.5	15	SW	1.25	25	SW	6.9	10.8	7.1	5.9	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	10.0	15	5
02/12/2018	22:50	10.6	10.7	10.6	93	9.5	14	SW	1.17	25	SSW	7.1	10.8	7.3	6.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	22:55	10.5	10.6	10.5	93	9.4	13	SW	1.08	23	WSW	7.2	10.7	7.3	6.1	29.25	0.2	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	23:00	10.4	10.5	10.4	93	9.4	14	WSW	1.17	24	SSW	6.9	10.6	7.1	5.9	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	23:05	10.4	10.4	10.4	94	9.5	13	SW	1.08	27	WSW	7.1	10.7	7.3	6.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	23:10	10.4	10.4	10.4	94	9.5	13	SW	1.08	23	W	7.1	10.6	7.3	6.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	23:15	10.4	10.4	10.4	94	9.5	11	SW	0.92	23	SSW	7.6	10.6	7.8	6.5	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	23:20	10.3	10.4	10.3	94	9.4	9	WSW	0.75	19	WSW	8.1	10.6	8.3	6.9	29.26	0.2	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	23:25	10.3	10.3	10.3	94	9.4	8	SW	0.67	17	WSW	8.4	10.6	8.7	7.2	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	23:30	10.3	10.3	10.3	94	9.4	10	WSW	0.83	17	W	7.7	10.5	7.9	6.6	29.26	0.2	1.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.9	8.3	9.4	15	5
02/12/2018	23:35	10.2	10.3	10.2	94	9.3	8	SW	0.67	15	SW	8.3	10.4	8.6	7.1	29.26	0.2	2.4	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.3	8.3	8.9	15	5
02/12/2018	23:40	10.2	10.2	10.2	94	9.2	8	SW	0.67	17	SW	8.3	10.4	8.5	7.0	29.25	0.0	1.8	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	8.3	8.3	8.9	15	5
02/12/2018	23:45	10.1	10.2	10.1	94	9.1	9	WSW	0.75	21	WSW	7.8	10.3	8.0	6.6	29.26	0.0	1.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	7.8	8.3	9.4	15	5
02/12/2018	23:50	10.0	10.1	10.0	94	9.1	12	WSW	1.00	29	W	6.8	10.3	7.1	5.8	29.26	0.0	0.8	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	7.8	8.3	9.4	15	5
02/12/2018	23:55	9.9	10.0	9.9	94	9.0	12	WSW	1.00	22	WSW	6.8	10.2	7.1	5.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	7.8	8.3	9.4	15	5
03/12/2018	00:00	9.9	9.9	9.9	94	9.0	13	SW	1.08	23	W	6.5	10.2	6.8	5.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	8.9	7.8	8.3	9.4	15	5
03/12/2018	00:05	9.9	9.9	9.9	93	8.8	13	WSW	1.08	24	W	6.5	10.1	6.7	5.5	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	15	5
03/12/2018	00:10	9.9	9.9	9.8	93	8.8	14	WSW	1.17	28	WNW	6.3	10.1	6.5	5.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	15	5
03/12/2018	00:15	9.9	9.9	9.8	93	8.8	14	WSW	1.17	30	SW	6.3	10.1	6.5	5.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	15	5
03/12/2018	00:20	9.8	9.9	9.8	93	8.8	15	WSW	1.25	27	SSW	6.1	10.1	6.3	5.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	15	5
03/12/2018	00:25	9.9	9.9	9.8	93	8.8	14	WSW	1.17	27	WSW	6.3	10.1	6.5	5.3	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	15	5
03/12/2018	00:30	9.9	9.9	9.9	93	8.9	15	SW	1.25	28	W	6.2	10.2	6.4	5.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	15	5
03/12/2018	00:35	9.9	9.9	9.9	92	8.7	13	WSW	1.08	29	SW	6.6	10.2	6.8	5.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	15	5
03/12/2018	00:40	10.0	10.0	9.9	92	8.8	15	WSW	1.25	24	W	6.2	10.2	6.4	5.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	8.9	15	5
03/12/2018	00:45	9.9	10.0	9.9	92	8.7	14	WSW	1.17	24	W	6.3	10.2	6.6	5.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	8.9	15	5
03/12/2018	00:50	9.9	9.9	9.9	92	8.7	15	WSW	1.25	27	SW	6.2	10.2	6.4	5.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
03/12/2018	00:55	9.9	9.9	9.9	92	8.6	15	WSW	1.25	27	WSW	6.1	10.1	6.3	5.2	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	15	5
03/12/2018	01:00	9.9	9.9	9.9	92	8.6	14	WSW	1.17	28	WSW	6.3	10.1	6.5	5.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	44	8.9	7.8	8.3	9.4	15	5
03/12/2018	01:05	9.9	9.9	9.9	92	8.7	16	WSW	1.33	33	WSW	6.0	10.2	6.2	5.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	9.4	14	5
03/12/2018	01:10	9.9	9.9	9.9	92	8.6	16	WSW	1.33	27	W	5.9	10.1	6.2	5.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.2	8.3	9.4	13	5
03/12/2018	01:15	9.9	9.9	9.9	92	8.6	16	W	1.33	28	SW	5.9	10.1	6.2	5.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.2	8.3	9.4	12	5
03/12/2018	01:20	9.9	9.9	9.9	91	8.5	17	WSW	1.42	33	WSW	5.8	10.1	5.9	4.8	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.2	8.3	9.4	10	5
03/12/2018	01:25	9.9	9.9	9.9	91	8.5	14	WSW	1.17	22	WSW	6.3	10.1	6.4	5.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.2	8.3	9.4	6	5
03/12/2018	01:30	9.9	9.9	9.9	90	8.3	16	WSW	1.33	30	W	5.9	10.1	6.1	5.0	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.2	8.3	9.4	3	5
03/12/2018	01:35	9.9	9.9	9.9	90	8.3	17	WSW	1.42	29	SW	5.8	10.1	5.9	4.8	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.2	8.3	10.0	1	5
03/12/2018	01:40	9.9	9.9	9.9	89	8.2	16	W	1.33	29	SW	6.0	10.1	6.2	5.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	01:45	10.0	10.0	9.9	89	8.3	17	WSW	1.42	31	SW	5.9	10.2	6.1	4.9	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	01:50	10.1	10.1	10.0	89	8.3	16	W	1.33	26	W	6.1	10.2	6.2	5.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	01:55	10.1	10.1	10.1	88	8.2	14	WSW	1.17	26	W	6.5	10.2	6.6	5.4	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:00	10.1	10.1	10.1	88	8.2	16	W	1.33	27	WSW	6.2	10.2	6.3	5.2	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:05	10.1	10.1	10.1	88	8.2	16	W	1.33	29	W	6.2	10.2	6.3	5.2	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:10	10.1	10.2	10.1	88	8.2	18	W	1.50	30	W	5.8	10.2	5.9	4.9	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:15	10.2	10.2	10.1	88	8.3	16	W	1.33	31	WSW	6.2	10.3	6.3	5.2	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:20	10.2	10.2	10.2	88	8.3	17	W	1.42	30	W	6.1	10.3	6.2	5.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:25	10.2	10.2	10.2	88	8.3	18	W	1.50	33	SSW	6.0	10.3	6.1	5.1	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:30	10.3	10.3	10.2	87	8.2	18	WSW	1.50	29	WSW	6.1	10.3	6.1	5.1	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:35	10.2	10.2	10.2	87	8.2	17	WSW	1.42	35	W	6.1	10.3	6.2	5.1	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:40	10.2	10.2	10.2	87	8.2	17	W	1.42	30	W	6.1	10.3	6.2	5.1	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:45	10.2	10.2	10.2	87	8.1	17	W	1.42	33	WSW	6.1	10.3	6.2	5.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:50	10.2	10.2	10.2	87	8.1	15	W	1.25	25	WSW	6.4	10.3	6.5	5.3	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.8	8.3	10.0	0	5
03/12/2018	02:55	10.2	10.2	10.2	88	8.3	17	WSW	1.42	28	WSW	6.1	10.3	6.2	5.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.2	8.3	10.0	0	5
03/12/2018	03:00	10.1	10.2	10.1	88	8.2	16	WSW	1.33	31	SSW	6.2	10.2	6.3	5.2	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	44	8.9	7.2	8.3	9.4	0	5
03/12/2018	03:05	10.1	10.1	10.1	88	8.2	16	WSW	1.33	30	SW	6.2	10.2	6.3	5.2	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.9	7.2	8.3	10.0	0	5
03/12/2018	03:10	10.1	10.1	10.1	88	8.2	18	W	1.50	30	WSW	5.8	10.2	5.9	4.9	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.9	7.2	8.3	10.0	0	5
03/12/2018	03:15	10.1	10.1	10.1	88	8.2	17	WSW	1.42	30	W	5.9	10.2	6.1	4.9	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.9	7.2	8.3	9.4	0	5
03/12/2018	03:20	10.1	10.1	10.1	88	8.2	16	WSW	1.33	33	W	6.1	10.2	6.2	5.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.9	7.2	8.3	9.4	0	5
03/12/2018	03:25	9.9	10.1	9.9	89	8.2	15	W	1.25	31	WSW	6.2	10.1	6.3	5.2	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.9	7.2	8.3	9.4	0	5
03/12/2018	03:30	9.9	9.9	9.9	89	8.2	14	WSW	1.17	32	WSW	6.3	10.1	6.5	5.3	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.9	7.2	8.3	9.4	0	5
03/12/2018	03:35	9.9	9.9	9.9	89	8.2	16	WSW	1.33	30	WSW	6.0	10.1	6.2	5.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.9	7.2	8.3	9.4	0	5
03/12/2018	03:40	9.9	9.9	9.9	89	8.2	14	WSW	1.17	29	SW	6.3	10.1	6.5	5.3	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	9.4	0	5
03/12/2018	03:45	9.9	9.9	9.9	88	8.0	17	SW	1.42	41	SW	5.8	10.1	5.9	4.8	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	10.0	0	5
03/12/2018	03:50	10.0	10.0	9.9	88	8.1	15	W	1.25	30	W	6.2	10.1	6.3	5.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	10.0	0	5
03/12/2018	03:55	10.1	10.1	10.0	88	8.2	13	W	1.08	23	WSW	6.7	10.2	6.8	5.6	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	10.0	0	5
03/12/2018	04:00	10.1	10.1	10.1	88	8.2	16	W	1.33	28	W	6.2	10.2	6.3	5.2	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	45	8.3	7.2	8.3	10.0	0	5
03/12/2018	04:05	10.2	10.2	10.1	87	8.1	15	W	1.25	32	W	6.4	10.3	6.5	5.3	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	10.0	0	5
03/12/2018	04:10	10.2	10.2	10.2	87	8.1	12	W	1.00	25	W	7.0	10.3	7.1	5.8	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	10.0	0	5
03/12/2018	04:15	10.2	10.2	10.1	87	8.1	14	W	1.17	28	W	6.6	10.3	6.7	5.5	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	10.0	0	5
03/12/2018	04:20	10.1	10.2	10.1	87	8.0	13	W	1.08	26	W	6.7	10.2	6.8	5.6	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	9.4	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
03/12/2018	04:25	10.1	10.1	10.1	87	8.0	10	W	0.83	20	WNW	7.5	10.2	7.6	6.2	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	9.4	0	5
03/12/2018	04:30	10.1	10.1	10.1	87	8.0	9	W	0.75	19	W	7.8	10.2	7.9	6.5	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.2	8.3	10.0	0	5
03/12/2018	04:35	10.1	10.1	10.1	87	8.0	8	WSW	0.67	17	WSW	8.2	10.2	8.3	6.8	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	10.0	0	5
03/12/2018	04:40	10.1	10.1	10.1	87	8.0	11	W	0.92	25	NW	7.2	10.2	7.3	6.0	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	10.0	0	5
03/12/2018	04:45	10.2	10.2	10.1	87	8.1	9	W	0.75	19	W	7.9	10.3	8.1	6.6	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	10.0	0	5
03/12/2018	04:50	10.2	10.2	10.1	87	8.1	8	W	0.67	21	W	8.3	10.3	8.4	6.9	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	10.0	0	5
03/12/2018	04:55	10.1	10.2	10.1	87	8.0	6	W	0.50	13	W	8.8	10.2	8.9	7.4	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:00	10.1	10.1	10.1	87	8.0	7	W	0.58	14	W	8.5	10.2	8.6	7.1	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:05	9.9	10.0	9.9	87	7.9	6	W	0.50	17	SSW	8.7	10.1	8.8	7.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:10	9.9	9.9	9.9	87	7.8	6	W	0.50	13	WNW	8.6	10.0	8.7	7.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:15	9.8	9.9	9.8	87	7.8	7	W	0.58	14	W	8.2	9.9	8.3	6.7	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:20	9.8	9.8	9.8	87	7.7	5	W	0.42	12	W	8.7	9.9	8.8	7.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:25	9.8	9.8	9.8	87	7.7	7	W	0.58	13	W	8.2	9.9	8.3	6.7	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:30	9.7	9.8	9.7	87	7.7	8	W	0.67	18	W	7.7	9.8	7.8	6.3	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:35	9.7	9.8	9.7	87	7.7	7	W	0.58	13	W	8.1	9.8	8.2	6.6	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:40	9.7	9.7	9.7	87	7.6	6	W	0.50	13	W	8.3	9.8	8.4	6.8	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:45	9.7	9.7	9.7	87	7.6	8	W	0.67	16	W	7.7	9.8	7.8	6.2	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:50	9.7	9.7	9.7	87	7.6	7	W	0.58	15	WSW	8.1	9.8	8.2	6.6	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	9.4	0	5
03/12/2018	05:55	9.7	9.7	9.7	87	7.6	8	W	0.67	17	W	7.7	9.8	7.8	6.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	06:00	9.7	9.7	9.7	87	7.6	6	W	0.50	14	W	8.3	9.8	8.4	6.8	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	06:05	9.7	9.7	9.6	87	7.6	5	WSW	0.42	10	W	8.6	9.8	8.7	7.1	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	9.4	0	5
03/12/2018	06:10	9.6	9.7	9.6	87	7.6	5	WSW	0.42	13	SW	8.6	9.7	8.7	7.1	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	9.4	0	5
03/12/2018	06:15	9.6	9.6	9.6	87	7.6	4	WSW	0.33	9	SW	8.9	9.7	9.1	7.4	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	06:20	9.6	9.6	9.6	87	7.5	4	WSW	0.33	8	W	8.8	9.7	8.9	7.3	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	06:25	9.5	9.6	9.5	88	7.6	4	SW	0.33	8	SW	8.8	9.6	8.9	7.3	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	8.9	0	5
03/12/2018	06:30	9.4	9.6	9.4	88	7.6	4	SW	0.33	8	SW	8.7	9.6	8.8	7.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	9.4	0	5
03/12/2018	06:35	9.4	9.5	9.4	88	7.6	4	SW	0.33	10	SW	8.7	9.6	8.8	7.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	8.9	0	5
03/12/2018	06:40	9.4	9.4	9.4	88	7.5	5	W	0.42	9	SW	8.3	9.5	8.4	6.8	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	8.9	0	5
03/12/2018	06:45	9.4	9.4	9.4	88	7.5	3	SW	0.25	7	SW	9.1	9.5	9.2	7.6	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	8.9	0	5
03/12/2018	06:50	9.4	9.4	9.4	88	7.5	3	SW	0.25	6	SW	9.1	9.5	9.2	7.6	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	45	8.3	7.8	8.3	8.9	2	5
03/12/2018	06:55	9.3	9.4	9.3	88	7.4	6	SW	0.50	10	SSW	7.9	9.4	8.1	6.4	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	07:00	9.3	9.4	9.3	89	7.6	4	SW	0.33	10	SW	8.6	9.4	8.7	7.1	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	07:05	9.2	9.3	9.2	89	7.5	3	SW	0.25	7	SW	8.9	9.3	9.1	7.4	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	07:10	9.2	9.2	9.2	90	7.6	3	SW	0.25	7	SW	8.9	9.3	9.1	7.4	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	07:15	9.1	9.2	9.1	90	7.6	3	SW	0.25	5	SW	8.8	9.2	8.9	7.3	29.32	0.2	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	07:20	9.0	9.1	9.0	90	7.4	2	SW	0.17	5	SW	9.0	9.1	9.1	7.5	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	07:25	8.9	9.0	8.9	91	7.6	3	SW	0.25	5	SW	8.6	9.1	8.7	7.1	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	07:30	8.9	8.9	8.9	91	7.5	2	SW	0.17	4	SW	8.9	9.0	9.0	7.4	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	07:35	8.8	8.9	8.8	91	7.4	2	SW	0.17	5	SW	8.8	8.9	8.9	7.3	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	07:40	8.8	8.8	8.8	91	7.4	3	SW	0.25	5	SW	8.4	8.9	8.6	6.9	29.31	0.2	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	07:45	8.7	8.8	8.7	92	7.5	3	SW	0.25	6	SW	8.4	8.9	8.6	6.9	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	07:50	8.7	8.7	8.7	92	7.4	3	SW	0.25	5	SW	8.3	8.8	8.5	6.9	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
03/12/2018	07:55	8.6	8.7	8.6	92	7.4	3	SW	0.25	5	SW	8.2	8.8	8.4	6.8	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	08:00	8.6	8.6	8.6	92	7.3	3	SW	0.25	5	SW	8.2	8.7	8.3	6.7	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	08:05	8.6	8.6	8.5	92	7.3	3	SW	0.25	5	SW	8.2	8.7	8.3	6.7	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	08:10	8.5	8.6	8.5	93	7.4	1	SW	0.08	3	SW	8.5	8.7	8.7	7.1	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.2	8.3	7.8	15	5
03/12/2018	08:15	8.5	8.5	8.4	93	7.4	0	SW	0.00	2	SW	8.5	8.7	8.7	7.1	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	08:20	8.4	8.5	8.4	93	7.4	1	SW	0.08	3	SW	8.4	8.6	8.6	7.0	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	08:25	8.4	8.4	8.4	93	7.4	2	SW	0.17	3	SW	8.4	8.6	8.6	7.0	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	08:30	8.4	8.4	8.4	93	7.4	3	SW	0.25	4	SW	8.1	8.6	8.2	6.6	29.32	0.2	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	08:35	8.4	8.4	8.4	93	7.4	2	SW	0.17	4	SW	8.4	8.6	8.6	7.0	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	08:40	8.4	8.4	8.4	93	7.3	2	SW	0.17	3	SW	8.4	8.6	8.6	6.9	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	08:45	8.4	8.4	8.4	94	7.5	1	SW	0.08	3	SW	8.4	8.6	8.6	6.9	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	08:50	8.3	8.4	8.3	94	7.4	1	SW	0.08	2	SW	8.3	8.5	8.5	6.9	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	08:55	8.3	8.3	8.3	94	7.4	0	SW	0.00	1	SW	8.3	8.5	8.5	6.9	29.31	0.2	0.0	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:00	8.3	8.3	8.3	94	7.4	0	---	0.00	0	---	8.3	8.5	8.5	6.9	29.31	0.0	0.0	3	0.02	5	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:05	8.3	8.3	8.3	94	7.4	0	---	0.00	0	---	8.3	8.4	8.4	6.9	29.32	0.4	3.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:10	8.3	8.3	8.3	94	7.4	0	---	0.00	0	---	8.3	8.4	8.4	6.9	29.31	0.2	3.6	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:15	8.3	8.3	8.3	94	7.4	0	SW	0.00	2	SW	8.3	8.5	8.5	7.0	29.32	0.6	8.8	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:20	8.3	8.3	8.3	94	7.4	1	SW	0.08	2	SW	8.3	8.5	8.5	6.9	29.32	0.4	7.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:25	8.3	8.3	8.3	95	7.6	1	SW	0.08	2	SW	8.3	8.5	8.5	7.0	29.31	0.4	5.4	7	0.05	9	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:30	8.4	8.4	8.3	95	7.6	1	SW	0.08	2	SW	8.4	8.6	8.6	7.1	29.31	0.4	4.4	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:35	8.4	8.4	8.4	95	7.6	1	SW	0.08	2	SW	8.4	8.6	8.6	7.5	29.31	0.2	3.8	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:40	8.4	8.4	8.3	95	7.6	1	SW	0.08	3	SW	8.4	8.6	8.6	7.7	29.31	0.4	4.2	16	0.11	21	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:45	8.3	8.4	8.3	95	7.6	2	SW	0.17	4	SW	8.3	8.5	8.5	7.7	29.31	0.0	1.8	20	0.14	21	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:50	8.4	8.4	8.3	95	7.6	1	SW	0.08	3	SW	8.4	8.6	8.6	7.7	29.32	0.2	1.8	18	0.13	18	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	09:55	8.4	8.4	8.4	95	7.6	1	SW	0.08	3	SW	8.4	8.6	8.6	7.7	29.32	0.0	1.4	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	10:00	8.4	8.4	8.4	95	7.6	1	SW	0.08	2	SW	8.4	8.6	8.6	8.0	29.32	0.2	1.4	29	0.21	35	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	15	5
03/12/2018	10:05	8.4	8.4	8.4	95	7.6	0	SW	0.00	2	SW	8.4	8.6	8.6	8.3	29.32	0.0	1.2	39	0.28	42	0	0.00	0.00	0.04	0.00	0.00	44	8.3	8.3	8.3	8.3	15	5
03/12/2018	10:10	8.4	8.4	8.4	96	7.8	2	SW	0.17	3	SW	8.4	8.7	8.7	8.6	29.32	0.0	0.8	46	0.33	47	0	0.00	0.00	0.03	0.00	0.00	44	8.3	8.3	8.3	8.3	15	5
03/12/2018	10:15	8.5	8.5	8.4	96	7.9	2	SW	0.17	4	SW	8.5	8.7	8.7	9.1	29.32	0.2	0.8	64	0.46	81	0	0.00	0.00	0.03	0.00	0.00	44	8.3	8.3	8.3	8.3	15	5
03/12/2018	10:20	8.6	8.6	8.5	97	8.2	3	SW	0.25	6	SE	8.2	8.8	8.4	9.4	29.32	0.0	0.8	90	0.65	100	0	0.00	0.00	0.03	0.00	0.00	44	8.3	8.9	8.3	8.3	15	5
03/12/2018	10:25	8.6	8.6	8.6	97	8.1	4	E	0.33	6	ESE	7.7	8.8	7.9	7.7	29.32	0.2	1.2	40	0.29	51	0	0.00	0.00	0.03	0.00	0.00	43	8.3	8.3	8.3	8.3	15	5
03/12/2018	10:30	8.6	8.6	8.6	97	8.1	4	E	0.33	8	ENE	7.7	8.8	7.9	7.3	29.32	0.0	1.2	25	0.18	30	0	0.00	0.00	0.03	0.00	0.00	43	8.3	8.3	8.3	8.3	15	5
03/12/2018	10:35	8.4	8.6	8.4	97	8.0	7	NNE	0.58	12	N	6.6	8.7	6.8	5.7	29.33	0.2	1.2	10	0.07	14	0	0.00	0.00	0.03	0.00	0.00	43	8.3	7.8	8.3	7.8	14	5
03/12/2018	10:40	8.2	8.4	8.2	97	7.7	9	NE	0.75	13	NE	5.6	8.4	5.8	4.9	29.33	0.4	4.0	18	0.13	19	0	0.00	0.00	0.04	0.00	0.00	43	8.3	7.8	8.3	7.2	14	5
03/12/2018	10:45	8.0	8.2	8.0	97	7.6	8	NE	0.67	11	NNE	5.7	8.2	5.9	5.0	29.34	0.2	3.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	43	8.3	7.8	8.3	7.2	13	5
03/12/2018	10:50	7.9	8.0	7.9	97	7.4	7	NE	0.58	11	NNE	5.9	8.1	6.1	5.1	29.34	0.4	4.8	15	0.11	16	0	0.00	0.00	0.04	0.00	0.00	43	8.3	7.8	8.3	7.2	12	5
03/12/2018	10:55	7.8	7.9	7.8	97	7.3	7	NE	0.58	10	NE	5.8	7.9	5.9	5.1	29.34	0.2	3.6	19	0.14	23	0	0.00	0.00	0.04	0.00	0.00	43	8.3	7.8	8.3	7.2	13	5
03/12/2018	11:00	7.7	7.8	7.7	97	7.3	7	NNE	0.58	11	NNE	5.7	7.9	5.9	5.2	29.34	0.0	1.8	27	0.19	33	0	0.00	0.00	0.04	0.00	0.03	43	8.3	7.8	8.3	7.2	13	5
03/12/2018	11:05	7.7	7.7	7.7	97	7.2	6	NNE	0.50	11	NNE	5.9	7.8	6.1	5.9	29.34	0.2	1.8	45	0.32	51	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	13	5
03/12/2018	11:10	7.6	7.7	7.6	97	7.2	8	NNE	0.67	13	N	5.2	7.8	5.4	5.2	29.34	0.0	1.0	45	0.32	47	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	13	5
03/12/2018	11:15	7.6	7.6	7.6	97	7.1	8	NE	0.67	12	NNE	5.2	7.7	5.3	5.1	29.34	0.2	1.6	47	0.34	53	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	13	5
03/12/2018	11:20	7.5	7.6	7.5	97	7.1	7	NE	0.58	10	NE	5.4	7.7	5.6	5.2	29.35	0.0	1.6	37	0.27	47	0	0.00	0.00	0.04	0.00	0.00	43	8.3	7.8	8.3	7.2	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
03/12/2018	11:25	7.4	7.5	7.4	97	7.0	9	NE	0.75	12	NE	4.7	7.6	4.9	4.4	29.35	0.0	1.0	36	0.26	42	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	14	5
03/12/2018	11:30	7.4	7.4	7.4	97	6.9	8	NE	0.67	13	NE	5.0	7.6	5.2	5.3	29.35	0.0	0.0	59	0.42	63	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	14	5
03/12/2018	11:35	7.2	7.4	7.2	97	6.8	10	NNE	0.83	14	NNE	4.2	7.4	4.3	4.8	29.35	0.2	0.0	76	0.54	83	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	14	5
03/12/2018	11:40	7.1	7.2	7.1	97	6.6	10	NNE	0.83	16	N	3.9	7.2	4.1	4.6	29.35	0.0	0.0	77	0.55	83	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	14	5
03/12/2018	11:45	7.1	7.1	7.1	97	6.6	9	N	0.75	14	NNE	4.2	7.2	4.4	4.8	29.36	0.0	0.0	76	0.54	79	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	14	5
03/12/2018	11:50	7.1	7.1	7.1	97	6.6	9	N	0.75	15	N	4.2	7.2	4.4	4.5	29.36	0.0	0.0	60	0.43	63	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	14	5
03/12/2018	11:55	7.1	7.1	7.1	97	6.6	8	N	0.67	13	NNE	4.6	7.2	4.7	5.0	29.36	0.0	0.0	68	0.49	69	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	14	5
03/12/2018	12:00	7.1	7.1	7.1	97	6.7	7	NNE	0.58	13	NNE	5.0	7.3	5.2	5.7	29.36	0.0	0.0	80	0.57	90	0	0.00	0.00	0.04	0.00	0.03	44	8.3	7.8	8.3	7.2	14	5
03/12/2018	12:05	7.1	7.1	7.1	97	6.6	8	NNE	0.67	12	NNE	4.6	7.2	4.7	5.6	29.37	0.0	0.0	96	0.69	102	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.2	14	5
03/12/2018	12:10	7.1	7.2	7.1	97	6.7	8	N	0.67	12	N	4.7	7.3	4.8	6.2	29.37	0.0	0.0	120	0.86	128	0	0.00	0.00	0.04	0.00	0.00	44	8.3	8.3	8.3	7.8	14	5
03/12/2018	12:15	7.2	7.2	7.1	97	6.7	8	N	0.67	12	N	4.7	7.3	4.9	6.4	29.37	0.0	0.0	128	0.92	137	0	0.00	0.00	0.04	0.00	0.00	44	8.3	8.3	8.3	7.8	14	5
03/12/2018	12:20	7.2	7.2	7.2	97	6.8	7	N	0.58	10	NNE	5.1	7.4	5.3	6.1	29.37	0.0	0.0	94	0.67	128	0	0.00	0.00	0.04	0.00	0.00	44	8.3	8.3	8.3	7.8	14	5
03/12/2018	12:25	7.4	7.4	7.2	97	7.0	6	NNE	0.50	10	NNE	5.7	7.6	5.8	8.0	29.37	0.0	0.0	159	1.14	195	0	0.00	0.00	0.04	0.00	0.00	44	8.3	8.9	8.3	8.3	14	5
03/12/2018	12:30	7.4	7.4	7.4	97	6.9	7	NNE	0.58	10	NE	5.3	7.6	5.5	6.8	29.37	0.0	0.0	114	0.82	142	0	0.00	0.00	0.04	0.00	0.00	44	8.3	8.3	8.3	8.3	14	5
03/12/2018	12:35	7.4	7.4	7.4	97	6.9	6	NNE	0.50	11	NNE	5.6	7.6	5.8	6.6	29.38	0.0	0.0	90	0.65	95	0	0.00	0.00	0.04	0.00	0.00	43	8.3	8.3	8.3	7.8	15	5
03/12/2018	12:40	7.4	7.4	7.3	97	6.9	5	N	0.42	9	N	5.9	7.6	6.1	6.7	29.38	0.0	0.0	81	0.58	113	0	0.00	0.00	0.04	0.00	0.00	44	8.3	8.3	8.3	7.8	14	5
03/12/2018	12:45	7.4	7.4	7.4	97	6.9	4	N	0.33	10	NE	6.3	7.6	6.5	6.7	29.38	0.0	0.0	64	0.46	69	0	0.00	0.00	0.04	0.00	0.00	43	8.3	8.3	8.3	7.8	14	5
03/12/2018	12:50	7.4	7.4	7.4	97	6.9	4	NNE	0.33	10	NNE	6.3	7.6	6.5	6.9	29.39	0.0	0.0	75	0.54	107	0	0.00	0.00	0.04	0.00	0.00	43	8.3	8.3	8.3	7.8	14	5
03/12/2018	12:55	7.4	7.4	7.4	97	7.0	6	NNW	0.50	9	NNE	5.7	7.6	5.8	6.7	29.39	0.0	0.0	93	0.67	113	0	0.00	0.00	0.04	0.00	0.00	43	8.3	8.3	8.3	8.3	14	5
03/12/2018	13:00	7.4	7.4	7.4	97	7.0	4	NNW	0.33	9	N	6.4	7.6	6.6	8.1	29.39	0.0	0.0	122	0.87	125	0	0.00	0.00	0.04	0.00	0.05	43	8.3	8.9	8.3	8.9	14	5
03/12/2018	13:05	7.6	7.6	7.4	96	7.0	4	NNW	0.33	8	NNW	6.6	7.7	6.7	8.3	29.40	0.0	0.0	129	0.92	160	0	0.00	0.00	0.04	0.00	0.00	43	8.3	8.9	8.3	8.9	14	5
03/12/2018	13:10	7.5	7.7	7.5	96	6.9	6	NNW	0.50	12	NNW	5.7	7.7	5.9	7.1	29.40	0.0	0.0	106	0.76	114	0	0.00	0.00	0.04	0.00	0.00	43	8.3	8.9	8.3	8.9	14	5
03/12/2018	13:15	7.3	7.5	7.3	95	6.5	8	NNW	0.67	12	NNW	4.8	7.4	4.9	5.7	29.41	0.0	0.0	91	0.65	107	0	0.00	0.00	0.04	0.00	0.00	43	8.3	8.3	8.3	7.8	14	5
03/12/2018	13:20	7.3	7.3	7.3	94	6.4	10	NW	0.83	16	NW	4.3	7.4	4.4	6.2	29.41	0.0	0.0	148	1.06	220	0	0.00	0.00	0.04	0.00	0.00	43	8.3	8.3	8.3	8.3	14	5
03/12/2018	13:25	7.4	7.4	7.3	94	6.5	9	NW	0.75	16	NNW	4.7	7.5	4.8	6.2	29.41	0.0	0.0	125	0.90	197	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	14	5
03/12/2018	13:30	7.3	7.4	7.3	93	6.2	10	NW	0.83	15	NW	4.2	7.4	4.3	5.5	29.41	0.0	0.0	115	0.82	141	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.2	8.3	7.8	13	5
03/12/2018	13:35	7.3	7.3	7.3	92	6.1	9	NNW	0.75	16	N	4.5	7.3	4.6	5.4	29.42	0.0	0.0	94	0.67	135	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.2	8.3	7.8	13	5
03/12/2018	13:40	7.3	7.3	7.3	93	6.2	7	NNW	0.58	12	NNW	5.2	7.4	5.3	5.7	29.42	0.0	0.0	73	0.52	74	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	13	5
03/12/2018	13:45	7.3	7.3	7.2	93	6.2	7	NNW	0.58	12	N	5.2	7.4	5.3	5.7	29.42	0.0	0.0	73	0.52	74	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	13	5
03/12/2018	13:50	7.3	7.3	7.2	92	6.1	6	NNW	0.50	10	NW	5.4	7.3	5.5	6.0	29.43	0.0	0.0	76	0.54	77	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	13	5
03/12/2018	13:55	7.3	7.3	7.2	92	6.1	8	NNW	0.67	13	NW	4.8	7.3	4.9	5.3	29.43	0.0	0.0	71	0.51	74	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	12	5
03/12/2018	14:00	7.3	7.3	7.2	92	6.1	4	NW	0.33	12	NW	6.2	7.3	6.3	6.6	29.43	0.0	0.0	66	0.47	67	0	0.00	0.00	0.04	0.00	0.05	44	8.3	7.8	8.3	7.8	12	5
03/12/2018	14:05	7.3	7.3	7.3	92	6.1	5	NW	0.42	9	NNW	5.8	7.3	5.8	6.1	29.44	0.0	0.0	65	0.47	67	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	12	5
03/12/2018	14:10	7.3	7.3	7.2	92	6.1	6	W	0.50	9	NNW	5.4	7.3	5.5	5.6	29.44	0.0	0.0	59	0.42	63	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.8	8.3	7.8	12	5
03/12/2018	14:15	7.3	7.3	7.3	92	6.1	5	NW	0.42	9	NW	5.8	7.3	5.8	5.6	29.44	0.0	0.0	42	0.30	47	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.2	8.3	7.8	12	5
03/12/2018	14:20	7.3	7.3	7.3	92	6.1	6	NNW	0.50	13	NNW	5.4	7.3	5.5	5.2	29.45	0.0	0.0	39	0.28	40	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.2	8.3	7.2	12	5
03/12/2018	14:25	7.2	7.3	7.2	91	5.9	6	NNW	0.50	12	NNE	5.4	7.3	5.4	5.1	29.45	0.0	0.0	38	0.27	51	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.2	8.3	7.2	11	5
03/12/2018	14:30	7.2	7.2	7.2	91	5.8	9	N	0.75	14	NNE	4.4	7.2	4.4	4.1	29.45	0.0	0.0	36	0.26	53	0	0.00	0.00	0.04	0.00	0.00	44	8.3	7.2	8.3	7.2	11	5
03/12/2018	14:35	7.1	7.2	7.1	91	5.7	9	N	0.75	15	N	4.2	7.1	4.3	3.4	29.46	0.0	0.0	20	0.14	23	0	0.00	0.00	0.04	0.00	0.00	44	8.3	6.7	8.3	6.7	10	5
03/12/2018	14:40	6.9	7.1	6.9	90	5.4	10	N	0.83	19	N	3.8	7.0	3.9	3.1	29.46	0.0	0.0	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	45	8.3	6.1	8.3	6.7	9	5
03/12/2018	14:45	6.8	6.9	6.8	90	5.3	9	NW	0.75	17	NW	4.0	6.9	4.1	3.1	29.47	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	45	8.3	5.6	8.3	6.1	9	5
03/12/2018	14:50	6.7	6.8	6.7	89	5.0	7	NW	0.58	11	NW	4.5	6.8	4.6	3.6	29.48	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	45	8.3	5.6	8.3	6.1	9	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
03/12/2018	14:55	6.7	6.7	6.7	89	5.0	7	NNW	0.58	12	NW	4.4	6.7	4.5	3.6	29.48	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	45	8.3	5.6	8.3	6.1	9	5
03/12/2018	15:00	6.6	6.7	6.6	89	4.9	7	NW	0.58	13	NW	4.3	6.6	4.3	3.4	29.49	0.0	0.0	18	0.13	18	0	0.00	0.00	0.04	0.00	0.03	45	8.3	5.6	8.3	6.1	8	5
03/12/2018	15:05	6.4	6.6	6.4	89	4.8	8	NW	0.67	12	NNW	3.8	6.4	3.8	2.4	29.49	0.0	0.0	15	0.11	16	0	0.00	0.00	0.04	0.00	0.00	45	8.3	5.6	8.3	6.1	8	5
03/12/2018	15:10	6.3	6.4	6.3	89	4.7	7	NNW	0.58	14	NNW	4.1	6.3	4.1	2.5	29.50	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	45	8.3	5.0	8.3	5.6	7	5
03/12/2018	15:15	6.3	6.3	6.3	89	4.6	6	NNW	0.50	12	NNW	4.3	6.3	4.3	2.7	29.50	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	45	8.3	5.0	8.3	5.6	7	5
03/12/2018	15:20	6.2	6.3	6.2	89	4.5	6	NNW	0.50	12	NNW	4.1	6.2	4.1	2.6	29.50	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	45	8.3	5.0	8.3	5.6	7	5
03/12/2018	15:25	6.1	6.2	6.1	88	4.2	6	NNW	0.50	10	NW	4.0	6.1	4.0	2.4	29.51	0.0	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	45	8.3	5.0	8.3	5.6	7	5
03/12/2018	15:30	6.0	6.1	6.0	89	4.3	6	NNW	0.50	9	NNW	3.9	6.0	3.9	2.3	29.51	0.0	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	46	8.3	4.4	8.3	5.6	7	5
03/12/2018	15:35	5.9	6.1	5.9	89	4.3	4	NNW	0.33	9	NNW	4.7	5.9	4.7	3.1	29.51	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	46	8.3	4.4	8.3	5.0	7	5
03/12/2018	15:40	5.9	5.9	5.9	89	4.2	4	NNW	0.33	8	NNW	4.6	5.9	4.6	3.0	29.52	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	46	8.3	4.4	8.3	5.0	7	5
03/12/2018	15:45	5.9	5.9	5.9	89	4.2	3	NNW	0.25	5	NNW	5.2	5.9	5.2	3.5	29.52	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	46	8.3	4.4	8.3	5.0	7	5
03/12/2018	15:50	5.8	5.9	5.8	89	4.1	4	NNW	0.33	7	NNW	4.5	5.8	4.5	2.8	29.53	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	46	8.3	4.4	8.3	5.0	7	5
03/12/2018	15:55	5.8	5.8	5.7	89	4.1	5	NW	0.42	9	NW	4.1	5.8	4.1	2.3	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	8.3	4.4	8.3	5.0	7	5
03/12/2018	16:00	5.7	5.8	5.7	89	4.0	5	NW	0.42	8	NW	3.9	5.7	3.9	2.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	46	8.3	3.9	8.3	5.0	7	5
03/12/2018	16:05	5.6	5.7	5.6	89	3.9	5	NW	0.42	10	NW	3.8	5.6	3.8	2.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	8.3	3.9	8.3	5.0	7	5
03/12/2018	16:10	5.6	5.6	5.6	89	3.9	5	NW	0.42	10	NW	3.8	5.6	3.8	2.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	8.3	3.9	8.3	5.0	7	5
03/12/2018	16:15	5.4	5.6	5.4	90	3.9	6	NW	0.50	9	NW	3.3	5.4	3.3	1.6	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	8.3	3.9	8.3	5.0	8	5
03/12/2018	16:20	5.4	5.5	5.4	90	3.9	7	NW	0.58	10	NW	2.9	5.4	2.9	1.2	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	8.3	3.9	8.3	4.4	7	5
03/12/2018	16:25	5.4	5.4	5.4	90	3.9	5	NW	0.42	8	NW	3.6	5.4	3.6	1.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	8.3	3.9	8.3	4.4	7	5
03/12/2018	16:30	5.3	5.4	5.3	90	3.8	4	NW	0.33	11	NW	4.0	5.3	4.0	2.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	8.3	3.9	8.3	4.4	8	5
03/12/2018	16:35	5.2	5.3	5.2	90	3.7	6	NW	0.50	9	NW	3.0	5.2	2.9	1.2	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	46	7.8	3.3	8.3	4.4	8	5
03/12/2018	16:40	5.2	5.2	5.2	90	3.7	6	NW	0.50	10	NW	2.9	5.1	2.9	1.2	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	46	7.8	3.3	7.8	4.4	8	5
03/12/2018	16:45	5.1	5.2	5.1	90	3.6	5	NW	0.42	10	NW	3.2	5.1	3.2	1.4	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	3.3	7.8	4.4	8	5
03/12/2018	16:50	5.1	5.1	5.1	90	3.6	5	NW	0.42	10	NW	3.2	5.1	3.2	1.4	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	3.3	7.8	4.4	8	5
03/12/2018	16:55	5.1	5.1	5.1	90	3.6	8	NW	0.67	13	NNW	2.2	5.0	2.1	0.5	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	3.3	7.8	4.4	8	5
03/12/2018	17:00	5.1	5.1	5.1	90	3.6	6	NW	0.50	10	NW	2.8	5.0	2.7	1.0	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	3.3	7.8	4.4	7	5
03/12/2018	17:05	5.0	5.1	5.0	90	3.5	5	NW	0.42	10	NW	3.1	4.9	3.1	1.3	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	3.3	7.8	4.4	7	5
03/12/2018	17:10	5.0	5.1	5.0	90	3.5	4	NW	0.33	8	NW	3.6	4.9	3.6	1.8	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	3.3	7.8	4.4	7	5
03/12/2018	17:15	4.9	5.0	4.9	90	3.4	5	NW	0.42	9	NW	3.1	4.9	3.0	1.3	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	3.3	7.8	3.9	7	5
03/12/2018	17:20	4.9	4.9	4.9	90	3.4	4	NW	0.33	7	NW	3.5	4.8	3.4	1.7	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	3.3	7.8	3.9	7	5
03/12/2018	17:25	4.9	4.9	4.9	90	3.4	3	NW	0.25	6	NW	4.1	4.8	4.0	2.3	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	2.8	7.8	3.9	7	5
03/12/2018	17:30	4.8	4.9	4.8	90	3.3	1	NW	0.08	2	NW	4.8	4.8	4.8	3.0	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	2.8	7.8	3.3	7	5
03/12/2018	17:35	4.8	4.8	4.8	90	3.3	2	NW	0.17	3	NW	4.7	4.7	4.7	2.9	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	2.8	7.8	2.8	8	5
03/12/2018	17:40	4.7	4.8	4.7	90	3.2	1	NW	0.08	3	NW	4.7	4.6	4.6	2.8	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.8	2.2	7.8	2.8	8	5
03/12/2018	17:45	4.6	4.7	4.6	90	3.1	2	NW	0.17	4	NW	4.4	4.5	4.4	2.6	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.8	2.2	7.8	2.8	8	5
03/12/2018	17:50	4.4	4.6	4.4	90	2.9	2	NW	0.17	3	NW	4.3	4.4	4.3	2.5	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.8	2.2	7.8	2.2	8	5
03/12/2018	17:55	4.3	4.4	4.3	90	2.8	2	NW	0.17	4	NW	4.1	4.2	4.1	2.3	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.8	2.2	7.8	2.2	9	5
03/12/2018	18:00	4.1	4.3	4.1	90	2.6	3	NW	0.25	4	NW	3.2	4.1	3.1	1.3	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.8	2.2	7.8	2.2	9	5
03/12/2018	18:05	4.0	4.1	4.0	90	2.5	2	NW	0.17	4	NW	3.8	3.9	3.8	2.0	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.8	2.2	7.8	2.2	9	5
03/12/2018	18:10	3.9	4.0	3.9	90	2.4	2	NW	0.17	4	NW	3.7	3.8	3.7	1.9	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.8	2.2	7.8	2.2	10	5
03/12/2018	18:15	3.8	3.9	3.8	90	2.3	2	NW	0.17	4	NW	3.6	3.7	3.5	1.7	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.2	1.7	7.8	2.2	10	5
03/12/2018	18:20	3.7	3.8	3.7	90	2.2	2	NW	0.17	4	NW	3.4	3.6	3.4	1.6	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	47	7.2	1.7	7.8	2.2	10	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
03/12/2018	18:25	3.6	3.7	3.6	90	2.1	2	NW	0.17	6	NW	3.3	3.5	3.3	1.5	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.2	11	5
03/12/2018	18:30	3.5	3.6	3.5	91	2.2	2	NW	0.17	4	NW	3.3	3.4	3.2	1.4	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.2	11	5
03/12/2018	18:35	3.4	3.5	3.4	91	2.1	3	NW	0.25	7	NW	2.4	3.4	2.3	0.6	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.8	12	5
03/12/2018	18:40	3.4	3.4	3.4	91	2.1	4	NW	0.33	7	NW	1.7	3.3	1.7	-0.1	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.8	12	5
03/12/2018	18:45	3.4	3.4	3.4	92	2.2	3	NW	0.25	6	NW	2.3	3.3	2.3	0.5	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.8	12	5
03/12/2018	18:50	3.4	3.4	3.4	92	2.2	1	NW	0.08	3	NW	3.4	3.3	3.3	1.6	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.2	12	5
03/12/2018	18:55	3.3	3.4	3.3	92	2.2	1	NW	0.08	2	NW	3.3	3.3	3.3	1.5	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.2	12	5
03/12/2018	19:00	3.2	3.3	3.2	92	2.0	2	NW	0.17	3	NW	2.9	3.2	2.9	1.1	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	1.7	12	5
03/12/2018	19:05	3.2	3.2	3.2	92	2.0	2	NW	0.17	4	NW	2.9	3.1	2.8	1.1	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.2	12	5
03/12/2018	19:10	3.1	3.2	3.1	92	1.9	2	WNW	0.17	5	WNW	2.8	3.1	2.8	1.0	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.2	13	5
03/12/2018	19:15	3.1	3.1	3.1	92	1.9	2	W	0.17	8	W	2.8	3.1	2.8	1.0	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.2	13	5
03/12/2018	19:20	3.1	3.1	3.1	92	1.9	1	W	0.08	4	W	3.1	3.1	3.1	1.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.7	7.8	2.2	13	5
03/12/2018	19:25	3.1	3.1	3.1	92	1.9	0	W	0.00	2	W	3.1	3.0	3.0	1.2	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.1	7.8	1.7	13	5
03/12/2018	19:30	3.1	3.1	3.1	92	1.9	2	W	0.17	3	W	2.8	3.0	2.7	0.9	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	7.2	1.1	7.8	1.7	13	5
03/12/2018	19:35	3.0	3.1	3.0	93	2.0	2	W	0.17	3	W	2.7	3.0	2.7	0.9	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	1.1	7.8	1.7	13	5
03/12/2018	19:40	2.9	3.0	2.9	93	1.9	4	W	0.33	6	W	1.2	2.9	1.2	-0.6	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	1.1	7.8	2.2	14	5
03/12/2018	19:45	2.9	2.9	2.9	93	1.9	5	W	0.42	9	SSW	0.7	2.9	0.7	-1.1	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	6.7	1.7	7.8	2.8	14	5
03/12/2018	19:50	3.0	3.0	2.9	93	2.0	4	SSW	0.33	8	SSW	1.3	3.0	1.3	-0.5	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	6.7	1.7	7.8	2.8	14	5
03/12/2018	19:55	3.0	3.0	3.0	93	2.0	2	SSW	0.17	5	SSW	2.7	3.0	2.7	0.9	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	6.7	1.1	7.8	2.2	14	5
03/12/2018	20:00	3.1	3.1	3.0	93	2.0	1	SSW	0.08	6	SSW	3.1	3.1	3.1	1.3	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	6.7	1.1	7.8	2.8	15	5
03/12/2018	20:05	3.1	3.1	3.1	94	2.2	2	SSW	0.17	5	SSW	2.8	3.1	2.8	1.1	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	6.7	1.1	7.8	2.8	15	5
03/12/2018	20:10	3.1	3.1	3.1	94	2.2	0	SSW	0.00	2	SSW	3.1	3.1	3.1	1.3	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	48	6.7	1.1	7.8	2.2	15	5
03/12/2018	20:15	3.1	3.1	3.1	94	2.2	1	SSW	0.08	3	SSW	3.1	3.1	3.1	1.3	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.2	15	5
03/12/2018	20:20	3.1	3.1	3.1	94	2.2	2	SSW	0.17	7	SSW	2.8	3.1	2.8	1.0	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.8	15	5
03/12/2018	20:25	3.1	3.1	3.1	94	2.2	2	SW	0.17	6	SSW	2.8	3.1	2.8	1.1	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.8	15	5
03/12/2018	20:30	3.1	3.1	3.1	94	2.2	1	SW	0.08	2	SW	3.1	3.1	3.1	1.3	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.2	15	5
03/12/2018	20:35	3.1	3.1	3.1	94	2.2	1	SW	0.08	2	SW	3.1	3.1	3.1	1.3	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.2	15	5
03/12/2018	20:40	3.0	3.1	3.0	94	2.1	1	SW	0.08	4	SW	3.0	3.0	3.0	1.2	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	1.7	15	5
03/12/2018	20:45	2.9	3.0	2.9	94	2.0	1	SW	0.08	3	SW	2.9	2.9	2.9	1.1	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	0.6	7.8	1.7	15	5
03/12/2018	20:50	2.8	2.9	2.8	94	2.0	1	SW	0.08	3	SW	2.8	2.8	2.8	1.1	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	1.7	15	5
03/12/2018	20:55	2.9	2.9	2.8	94	2.0	3	SW	0.25	5	SW	1.8	2.9	1.8	0.0	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.8	15	5
03/12/2018	21:00	2.9	2.9	2.9	94	2.0	3	SW	0.25	6	SW	1.8	2.9	1.8	0.0	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.8	15	5
03/12/2018	21:05	3.0	3.0	2.9	94	2.1	3	SW	0.25	6	SW	1.9	3.0	1.9	0.1	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.8	15	5
03/12/2018	21:10	3.1	3.1	3.0	95	2.3	4	SW	0.33	6	SW	1.3	3.1	1.3	-0.4	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.8	15	5
03/12/2018	21:15	3.1	3.1	3.1	95	2.4	4	SW	0.33	8	SW	1.4	3.1	1.4	-0.4	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.1	7.8	2.8	15	5
03/12/2018	21:20	3.2	3.2	3.1	95	2.4	6	SW	0.50	9	W	0.6	3.2	0.6	-1.2	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.7	7.8	3.3	15	5
03/12/2018	21:25	3.3	3.3	3.2	95	2.6	4	W	0.33	9	W	1.6	3.3	1.6	-0.2	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.7	7.8	3.3	15	5
03/12/2018	21:30	3.3	3.3	3.3	95	2.6	4	W	0.33	10	W	1.7	3.3	1.7	-0.1	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.7	7.8	3.3	15	5
03/12/2018	21:35	3.4	3.4	3.3	94	2.5	4	W	0.33	8	W	1.7	3.4	1.7	-0.1	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	1.7	7.8	2.8	15	5
03/12/2018	21:40	3.4	3.4	3.4	94	2.5	3	W	0.25	5	W	2.3	3.4	2.3	0.6	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	1.7	7.8	3.3	15	5
03/12/2018	21:45	3.4	3.4	3.4	94	2.5	1	W	0.08	3	W	3.4	3.4	3.4	1.6	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	1.1	7.8	2.2	15	5
03/12/2018	21:50	3.4	3.4	3.4	94	2.5	2	W	0.17	3	W	3.2	3.4	3.2	1.4	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	1.1	7.8	2.2	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
03/12/2018	21:55	3.3	3.4	3.3	94	2.5	1	W	0.08	3	W	3.3	3.3	3.3	1.6	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.8	1.7	15	5
03/12/2018	22:00	3.2	3.3	3.2	94	2.3	1	W	0.08	3	W	3.2	3.2	3.2	1.4	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.8	1.7	15	5
03/12/2018	22:05	3.2	3.2	3.2	94	2.3	1	W	0.08	3	W	3.2	3.2	3.2	1.4	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.8	1.7	15	5
03/12/2018	22:10	3.1	3.2	3.1	94	2.2	1	W	0.08	2	W	3.1	3.1	3.1	1.3	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.2	1.7	15	5
03/12/2018	22:15	3.0	3.1	3.0	94	2.1	2	W	0.17	5	W	2.7	3.0	2.7	0.9	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.2	2.2	15	5
03/12/2018	22:20	2.9	2.9	2.9	94	2.1	1	W	0.08	4	W	2.9	2.9	2.9	1.2	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.2	2.2	15	5
03/12/2018	22:25	2.9	2.9	2.9	94	2.0	3	W	0.25	5	W	1.8	2.9	1.8	0.0	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.2	2.2	15	5
03/12/2018	22:30	2.8	2.9	2.8	94	2.0	3	W	0.25	5	W	1.7	2.8	1.7	-0.1	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.2	2.2	15	5
03/12/2018	22:35	2.8	2.9	2.8	94	2.0	3	W	0.25	6	W	1.7	2.8	1.7	-0.1	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.2	1.7	15	5
03/12/2018	22:40	2.8	2.8	2.8	94	1.9	5	WSW	0.42	7	WSW	0.5	2.8	0.5	-1.3	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.2	2.2	15	5
03/12/2018	22:45	2.8	2.8	2.8	94	1.9	3	WSW	0.25	6	WSW	1.7	2.8	1.7	-0.1	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.1	0.6	7.2	2.2	15	5
03/12/2018	22:50	2.8	2.8	2.8	94	1.9	2	WSW	0.17	4	WSW	2.5	2.8	2.5	0.7	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	6.1	0.6	7.2	2.2	15	5
03/12/2018	22:55	2.7	2.8	2.7	94	1.9	3	WSW	0.25	5	WSW	1.6	2.7	1.6	-0.2	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	6.1	0.6	7.2	1.7	15	5
03/12/2018	23:00	2.7	2.7	2.7	94	1.8	4	WSW	0.33	6	WSW	0.9	2.7	0.9	-0.9	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	6.1	0.6	7.2	1.7	15	5
03/12/2018	23:05	2.7	2.7	2.7	94	1.8	4	WSW	0.33	6	WSW	0.9	2.7	0.9	-0.9	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	6.1	0.6	7.2	2.2	15	5
03/12/2018	23:10	2.6	2.7	2.6	94	1.7	4	WSW	0.33	6	WSW	0.8	2.6	0.8	-0.9	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	6.1	1.1	7.2	2.2	15	5
03/12/2018	23:15	2.6	2.6	2.6	94	1.7	4	WSW	0.33	6	WSW	0.8	2.6	0.8	-0.9	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	6.1	0.6	7.2	2.2	15	5
03/12/2018	23:20	2.6	2.6	2.6	94	1.7	3	WSW	0.25	5	WSW	1.4	2.6	1.4	-0.3	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	6.1	0.6	7.2	2.2	15	5
03/12/2018	23:25	2.6	2.6	2.6	94	1.7	4	WSW	0.33	6	WSW	0.8	2.6	0.8	-0.9	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	6.1	0.6	7.2	1.7	15	5
03/12/2018	23:30	2.6	2.6	2.6	94	1.7	3	WSW	0.25	5	WSW	1.4	2.6	1.4	-0.4	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	6.1	0.6	7.2	1.7	15	5
03/12/2018	23:35	2.6	2.6	2.6	95	1.8	2	WSW	0.17	4	WSW	2.2	2.6	2.2	0.4	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	6.1	0.6	7.2	1.7	15	5
03/12/2018	23:40	2.5	2.6	2.5	95	1.8	3	WSW	0.25	6	WSW	1.3	2.5	1.3	-0.4	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	6.1	0.6	7.2	1.7	15	5
03/12/2018	23:45	2.5	2.5	2.5	95	1.8	3	WSW	0.25	5	WSW	1.3	2.5	1.3	-0.4	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	6.1	0.6	7.2	2.2	15	5
03/12/2018	23:50	2.6	2.6	2.5	95	1.9	4	WSW	0.33	10	WSW	0.8	2.6	0.8	-0.9	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	6.1	1.1	7.2	2.8	15	5
03/12/2018	23:55	2.8	2.8	2.6	95	2.1	4	WSW	0.33	6	WSW	1.1	2.8	1.1	-0.7	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	6.1	1.1	7.2	3.3	15	5
04/12/2018	00:00	2.9	2.9	2.8	95	2.2	6	WSW	0.50	9	WSW	0.3	2.9	0.3	-1.5	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	6.1	1.7	7.2	3.3	15	5
04/12/2018	00:05	3.1	3.1	2.9	95	2.3	5	WSW	0.42	9	WSW	0.8	3.1	0.8	-0.9	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	6.1	1.7	7.2	3.3	15	5
04/12/2018	00:10	3.2	3.2	3.1	95	2.4	4	WSW	0.33	7	WSW	1.5	3.2	1.5	-0.3	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	1.7	7.2	3.3	15	5
04/12/2018	00:15	3.2	3.2	3.2	95	2.5	5	WSW	0.42	8	WSW	1.1	3.2	1.1	-0.7	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	1.7	7.2	3.3	15	5
04/12/2018	00:20	3.3	3.3	3.2	95	2.6	5	WSW	0.42	8	WSW	1.1	3.3	1.1	-0.7	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	1.7	7.2	3.3	15	5
04/12/2018	00:25	3.4	3.4	3.3	95	2.7	6	WSW	0.50	10	WSW	0.8	3.4	0.8	-0.9	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	3.9	15	5
04/12/2018	00:30	3.4	3.4	3.4	96	2.9	3	WSW	0.25	8	WSW	2.4	3.4	2.4	0.6	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	1.1	7.2	3.3	15	5
04/12/2018	00:35	3.6	3.6	3.4	95	2.8	2	WSW	0.17	5	WSW	3.3	3.6	3.3	1.6	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.1	7.2	2.8	15	5
04/12/2018	00:40	3.6	3.6	3.5	95	2.8	3	WSW	0.25	5	WSW	2.6	3.6	2.6	0.8	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.1	7.2	2.8	15	5
04/12/2018	00:45	3.5	3.6	3.5	95	2.8	3	WSW	0.25	6	WSW	2.4	3.5	2.4	0.7	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.1	7.2	2.8	15	5
04/12/2018	00:50	3.4	3.5	3.4	95	2.7	4	WSW	0.33	7	WSW	1.8	3.4	1.8	0.0	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.1	7.2	2.8	15	5
04/12/2018	00:55	3.4	3.5	3.4	95	2.7	5	WSW	0.42	9	WSW	1.3	3.4	1.3	-0.4	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.1	7.2	3.3	15	5
04/12/2018	01:00	3.4	3.4	3.4	95	2.7	4	WSW	0.33	6	WSW	1.8	3.4	1.8	0.0	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.1	7.2	3.3	15	5
04/12/2018	01:05	3.4	3.4	3.4	95	2.7	2	WSW	0.17	4	WSW	3.2	3.4	3.2	1.4	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	3.3	15	5
04/12/2018	01:10	3.4	3.4	3.4	95	2.7	3	WSW	0.25	6	WSW	2.4	3.4	2.4	0.6	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	2.8	15	5
04/12/2018	01:15	3.4	3.4	3.4	95	2.7	5	WSW	0.42	8	WSW	1.2	3.4	1.2	-0.6	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	3.3	15	5
04/12/2018	01:20	3.4	3.4	3.4	95	2.7	4	SW	0.33	7	SW	1.8	3.4	1.8	0.0	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	3.3	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
04/12/2018	01:25	3.4	3.4	3.4	95	2.7	3	SW	0.25	6	SW	2.4	3.4	2.4	0.6	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	3.3	15	5
04/12/2018	01:30	3.4	3.4	3.4	95	2.7	2	SW	0.17	5	SW	3.2	3.4	3.2	1.4	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	3.3	15	5
04/12/2018	01:35	3.4	3.4	3.4	95	2.7	2	SW	0.17	5	SW	3.2	3.4	3.2	1.4	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	3.3	15	5
04/12/2018	01:40	3.4	3.5	3.4	95	2.7	2	SW	0.17	3	SW	3.2	3.4	3.2	1.4	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	2.8	15	5
04/12/2018	01:45	3.4	3.5	3.4	95	2.7	2	SW	0.17	5	SW	3.2	3.4	3.2	1.4	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	2.8	15	5
04/12/2018	01:50	3.4	3.4	3.4	95	2.7	2	SW	0.17	8	SW	3.2	3.4	3.2	1.4	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	2.8	15	5
04/12/2018	01:55	3.4	3.4	3.4	95	2.7	4	SW	0.33	9	SW	1.8	3.4	1.8	0.0	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.7	7.2	3.3	15	5
04/12/2018	02:00	3.4	3.4	3.4	95	2.7	4	SW	0.33	9	SW	1.8	3.4	1.8	0.0	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.1	7.2	3.3	15	5
04/12/2018	02:05	3.4	3.4	3.4	95	2.7	4	SW	0.33	7	SW	1.8	3.4	1.8	0.0	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.1	7.2	3.3	15	5
04/12/2018	02:10	3.4	3.4	3.4	95	2.7	3	SW	0.25	6	SW	2.4	3.4	2.4	0.6	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.6	1.1	7.2	2.8	15	5
04/12/2018	02:15	3.4	3.4	3.4	95	2.7	2	SW	0.17	4	SW	3.2	3.4	3.2	1.4	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	1.1	7.2	2.8	15	5
04/12/2018	02:20	3.4	3.4	3.4	95	2.7	2	SW	0.17	4	SW	3.2	3.4	3.2	1.4	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	7.2	2.2	15	5
04/12/2018	02:25	3.3	3.4	3.3	95	2.6	2	SW	0.17	4	SW	3.1	3.3	3.1	1.3	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	7.2	2.2	15	5
04/12/2018	02:30	3.2	3.3	3.2	95	2.5	3	SW	0.25	5	SW	2.2	3.2	2.2	0.4	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	7.2	2.2	15	5
04/12/2018	02:35	3.2	3.2	3.2	95	2.4	3	SW	0.25	5	SW	2.1	3.2	2.1	0.3	29.91	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	7.2	2.8	15	5
04/12/2018	02:40	3.2	3.2	3.2	95	2.4	2	SW	0.17	4	SW	2.9	3.2	2.9	1.1	29.91	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	7.2	2.2	15	5
04/12/2018	02:45	3.1	3.2	3.1	95	2.4	2	SW	0.17	4	SW	2.8	3.1	2.8	1.1	29.91	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	7.2	2.2	15	5
04/12/2018	02:50	3.1	3.1	3.1	95	2.3	1	SW	0.08	2	SW	3.1	3.1	3.1	1.3	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	7.2	1.7	15	5
04/12/2018	02:55	3.0	3.1	3.0	95	2.3	1	SW	0.08	2	SW	3.0	3.0	3.0	1.2	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	7.2	1.7	15	5
04/12/2018	03:00	2.9	3.0	2.9	95	2.2	2	SW	0.17	4	SW	2.6	2.9	2.6	0.8	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	6.7	1.7	15	5
04/12/2018	03:05	2.8	2.9	2.8	95	2.1	1	SW	0.08	3	SW	2.8	2.8	2.8	1.0	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	6.7	1.7	15	5
04/12/2018	03:10	2.7	2.8	2.7	95	2.0	0	SW	0.00	2	SW	2.7	2.7	2.7	0.9	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.0	6.7	1.7	15	5
04/12/2018	03:15	2.7	2.7	2.7	95	1.9	1	SW	0.08	4	SW	2.7	2.7	2.7	0.9	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.0	6.7	2.2	15	5
04/12/2018	03:20	2.7	2.7	2.6	95	1.9	2	SW	0.17	5	SW	2.3	2.7	2.3	0.6	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.6	6.7	2.2	15	5
04/12/2018	03:25	2.7	2.7	2.7	95	1.9	1	SW	0.08	4	SW	2.7	2.7	2.7	0.9	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.6	0.0	6.7	2.2	15	5
04/12/2018	03:30	2.6	2.7	2.6	95	1.9	1	SW	0.08	2	SW	2.6	2.6	2.6	0.8	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	49	5.6	0.0	6.7	1.7	15	5
04/12/2018	03:35	2.6	2.6	2.6	95	1.9	1	SW	0.08	2	SW	2.6	2.6	2.6	0.8	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	49	5.6	0.0	6.7	1.7	15	5
04/12/2018	03:40	2.6	2.6	2.6	95	1.9	1	SW	0.08	3	SW	2.6	2.6	2.6	0.8	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.6	0.0	6.7	1.7	15	5
04/12/2018	03:45	2.6	2.6	2.6	95	1.8	1	SW	0.08	3	SW	2.6	2.6	2.6	0.8	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.6	0.0	6.7	1.7	15	5
04/12/2018	03:50	2.6	2.6	2.6	95	1.8	2	SW	0.17	5	SW	2.2	2.6	2.2	0.4	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.6	0.0	6.7	1.1	15	5
04/12/2018	03:55	2.4	2.6	2.4	95	1.7	2	SW	0.17	5	SW	2.1	2.4	2.1	0.3	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.6	0.0	6.7	1.7	15	5
04/12/2018	04:00	2.4	2.5	2.4	95	1.7	2	SW	0.17	4	SW	2.1	2.4	2.1	0.3	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.6	0.0	6.7	1.7	15	5
04/12/2018	04:05	2.5	2.5	2.4	95	1.8	3	SW	0.25	6	SW	1.3	2.5	1.3	-0.4	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	49	5.0	0.0	6.7	2.8	15	5
04/12/2018	04:10	2.6	2.6	2.5	95	1.9	2	SW	0.17	5	SW	2.3	2.6	2.3	0.5	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	49	5.0	0.6	6.7	2.8	15	5
04/12/2018	04:15	2.7	2.7	2.6	95	2.0	3	SW	0.25	6	SW	1.6	2.7	1.6	-0.2	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.6	6.7	2.8	15	5
04/12/2018	04:20	2.8	2.8	2.7	95	2.1	2	SW	0.17	4	SW	2.5	2.8	2.5	0.7	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.6	6.7	2.8	15	5
04/12/2018	04:25	2.8	2.8	2.8	95	2.1	2	SW	0.17	5	SW	2.6	2.8	2.6	0.8	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.0	6.7	2.2	15	5
04/12/2018	04:30	2.9	2.9	2.8	95	2.2	3	SW	0.25	5	SW	1.8	2.9	1.8	0.0	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.0	6.7	2.8	15	5
04/12/2018	04:35	2.9	2.9	2.8	95	2.2	2	SW	0.17	5	SW	2.6	2.9	2.6	0.8	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.0	6.7	2.8	15	5
04/12/2018	04:40	2.9	2.9	2.9	95	2.2	4	SW	0.33	8	SW	1.2	2.9	1.2	-0.6	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.6	6.7	2.8	15	5
04/12/2018	04:45	3.1	3.1	2.9	95	2.3	4	SW	0.33	9	WSW	1.3	3.1	1.3	-0.4	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.6	6.7	2.8	15	5
04/12/2018	04:50	3.1	3.1	3.1	95	2.4	4	WSW	0.33	6	WSW	1.4	3.1	1.4	-0.4	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.6	6.7	2.8	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
04/12/2018	04:55	3.2	3.2	3.1	95	2.5	3	WSW	0.25	5	WSW	2.2	3.2	2.2	0.4	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.6	6.7	2.8	15	5
04/12/2018	05:00	3.2	3.2	3.2	95	2.5	2	WSW	0.17	6	WSW	2.9	3.2	2.9	1.2	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	0.0	6.7	2.8	15	5
04/12/2018	05:05	3.2	3.2	3.2	95	2.5	2	WSW	0.17	4	WSW	2.9	3.2	2.9	1.2	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	0.0	6.7	2.2	15	5
04/12/2018	05:10	3.2	3.2	3.2	95	2.4	2	WSW	0.17	5	WSW	2.9	3.2	2.9	1.1	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	0.0	6.7	2.2	15	5
04/12/2018	05:15	3.1	3.2	3.1	95	2.4	3	WSW	0.25	5	WSW	2.1	3.1	2.1	0.3	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	0.0	6.7	2.8	15	5
04/12/2018	05:20	3.1	3.1	3.1	95	2.3	3	WSW	0.25	6	WSW	1.9	3.1	1.9	0.2	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	0.0	6.7	2.2	15	5
04/12/2018	05:25	3.1	3.1	3.1	94	2.2	4	WSW	0.33	6	WSW	1.3	3.1	1.3	-0.4	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	0.0	6.7	2.2	15	5
04/12/2018	05:30	3.1	3.1	3.1	94	2.2	3	WSW	0.25	6	WSW	1.9	3.1	1.9	0.2	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	0.0	6.7	2.2	15	5
04/12/2018	05:35	3.0	3.1	3.0	94	2.1	3	WSW	0.25	5	WSW	1.9	3.0	1.9	0.1	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	0.0	6.7	2.2	15	5
04/12/2018	05:40	2.9	3.0	2.9	94	2.1	4	WSW	0.33	6	WSW	1.2	2.9	1.2	-0.6	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	0.0	6.7	2.2	15	5
04/12/2018	05:45	2.9	2.9	2.9	94	2.1	2	WSW	0.17	4	WSW	2.7	2.9	2.7	0.9	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	0.0	6.7	1.7	15	5
04/12/2018	05:50	2.8	2.9	2.8	94	2.0	2	WSW	0.17	4	WSW	2.6	2.8	2.6	0.8	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	05:55	2.7	2.8	2.7	94	1.9	2	WSW	0.17	3	WSW	2.4	2.7	2.4	0.7	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	06:00	2.6	2.7	2.6	94	1.7	2	WSW	0.17	4	WSW	2.2	2.6	2.2	0.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	0.6	15	5
04/12/2018	06:05	2.5	2.6	2.5	94	1.6	3	WSW	0.25	5	WSW	1.3	2.5	1.3	-0.5	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.7	15	5
04/12/2018	06:10	2.4	2.5	2.4	94	1.6	2	WSW	0.17	3	WSW	2.1	2.4	2.1	0.3	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	06:15	2.4	2.4	2.4	94	1.5	1	WSW	0.08	3	WSW	2.4	2.4	2.4	0.6	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	06:20	2.3	2.4	2.3	94	1.4	2	WSW	0.17	5	WSW	1.9	2.3	1.9	0.1	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	06:25	2.3	2.3	2.3	94	1.4	3	WSW	0.25	4	WSW	1.1	2.3	1.1	-0.7	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.7	15	5
04/12/2018	06:30	2.2	2.3	2.2	94	1.4	2	WSW	0.17	4	WSW	1.9	2.2	1.9	0.1	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	06:35	2.2	2.2	2.2	94	1.3	2	WSW	0.17	4	WSW	1.8	2.2	1.8	0.0	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	06:40	2.1	2.2	2.1	94	1.2	2	WSW	0.17	3	WSW	1.7	2.1	1.7	-0.1	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	06:45	2.1	2.1	2.1	94	1.2	1	WSW	0.08	4	WSW	2.1	2.1	2.1	0.2	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	0.6	15	5
04/12/2018	06:50	2.0	2.1	2.0	94	1.1	0	WSW	0.00	1	WSW	2.0	2.0	2.0	0.2	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	06:55	1.9	2.0	1.9	94	1.1	0	WSW	0.00	2	WSW	1.9	1.9	1.9	0.1	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-0.6	6.7	1.1	15	5
04/12/2018	07:00	1.8	1.9	1.8	94	1.0	0	WSW	0.00	1	WSW	1.8	1.8	1.8	0.0	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-1.1	6.7	0.6	15	5
04/12/2018	07:05	1.7	1.8	1.7	94	0.9	2	WSW	0.17	3	WSW	1.3	1.7	1.3	-0.5	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-1.1	6.7	1.1	15	5
04/12/2018	07:10	1.7	1.7	1.7	94	0.8	2	WSW	0.17	4	WSW	1.3	1.7	1.3	-0.6	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	5.0	-1.1	6.7	0.6	15	5
04/12/2018	07:15	1.6	1.7	1.6	94	0.7	3	WSW	0.25	5	WSW	0.3	1.6	0.3	-1.5	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	0.6	15	5
04/12/2018	07:20	1.6	1.6	1.6	94	0.7	3	WSW	0.25	4	WSW	0.3	1.6	0.3	-1.5	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	0.6	15	5
04/12/2018	07:25	1.6	1.6	1.6	94	0.7	3	WSW	0.25	5	WSW	0.3	1.6	0.3	-1.6	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	0.6	15	5
04/12/2018	07:30	1.6	1.6	1.6	95	0.9	3	WSW	0.25	5	WSW	0.3	1.6	0.3	-1.5	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.1	15	5
04/12/2018	07:35	1.7	1.7	1.6	95	1.0	2	WSW	0.17	6	WSW	1.3	1.7	1.3	-0.6	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	15	5
04/12/2018	07:40	1.7	1.7	1.7	95	1.0	2	WSW	0.17	6	WSW	1.3	1.7	1.3	-0.5	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	15	5
04/12/2018	07:45	1.8	1.8	1.8	95	1.1	4	WSW	0.33	8	WSW	-0.1	1.8	-0.1	-1.9	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	15	5
04/12/2018	07:50	1.9	1.9	1.8	95	1.2	2	WSW	0.17	5	WSW	1.5	1.9	1.5	-0.3	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.1	15	5
04/12/2018	07:55	1.9	1.9	1.9	95	1.2	3	WSW	0.25	6	WSW	0.7	1.9	0.7	-1.2	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	15	5
04/12/2018	08:00	1.9	1.9	1.9	95	1.2	2	WSW	0.17	4	WSW	1.6	1.9	1.6	-0.2	30.09	0.0	0.0	3	0.02	5	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	15	5
04/12/2018	08:05	1.9	1.9	1.9	95	1.2	2	WSW	0.17	3	WSW	1.6	1.9	1.6	-0.2	30.09	0.0	0.0	5	0.04	5	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	15	5
04/12/2018	08:10	1.9	1.9	1.9	95	1.2	3	WSW	0.25	5	WSW	0.7	1.9	0.7	-1.0	30.09	0.0	0.0	7	0.05	7	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	14	5
04/12/2018	08:15	2.1	2.1	1.9	96	1.5	3	WSW	0.25	6	WSW	0.8	2.1	0.8	-0.9	30.09	0.0	0.0	7	0.05	9	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	12	5
04/12/2018	08:20	2.2	2.2	2.1	96	1.6	3	WSW	0.25	4	WSW	0.9	2.2	0.9	-0.7	30.09	0.0	0.0	9	0.06	9	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	2.2	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
04/12/2018	08:25	2.3	2.3	2.2	96	1.7	2	WSW	0.17	5	WSW	1.9	2.3	1.9	0.3	30.09	0.0	0.0	12	0.09	16	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	12	5
04/12/2018	08:30	2.3	2.3	2.3	96	1.8	1	WSW	0.08	3	WSW	2.3	2.3	2.3	0.8	30.10	0.0	0.0	19	0.14	19	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.7	10	5
04/12/2018	08:35	2.3	2.3	2.3	96	1.7	1	WSW	0.08	3	WSW	2.3	2.3	2.3	0.7	30.10	0.0	0.0	19	0.14	19	0	0.00	0.00	0.06	0.00	0.00	50	4.4	-0.6	6.7	1.1	5	5
04/12/2018	08:40	2.3	2.3	2.2	96	1.7	1	WSW	0.08	2	WSW	2.3	2.3	2.3	0.7	30.10	0.0	0.0	18	0.13	18	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.7	1.7	3	5
04/12/2018	08:45	2.2	2.3	2.2	96	1.7	1	WSW	0.08	2	WSW	2.2	2.2	2.2	0.6	30.10	0.0	0.0	16	0.11	18	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.7	1.1	2	5
04/12/2018	08:50	2.2	2.2	2.2	96	1.6	2	WSW	0.17	3	WSW	1.8	2.2	1.8	0.3	30.10	0.0	0.0	19	0.14	21	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.7	1.1	2	5
04/12/2018	08:55	2.1	2.1	2.1	96	1.5	1	WSW	0.08	2	WSW	2.1	2.1	2.1	0.5	30.10	0.0	0.0	21	0.15	21	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.7	1.1	1	5
04/12/2018	09:00	1.9	2.1	1.9	95	1.2	0	---	0.00	0	---	1.9	1.9	1.9	0.4	30.10	0.0	0.0	19	0.14	21	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.7	1.1	1	5
04/12/2018	09:05	1.8	1.9	1.8	95	1.1	1	WSW	0.08	3	WSW	1.8	1.8	1.8	0.3	30.10	0.0	0.0	18	0.13	18	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.7	1.1	1	5
04/12/2018	09:10	1.8	1.9	1.8	96	1.2	2	WSW	0.17	4	WSW	1.4	1.8	1.4	-0.2	30.10	0.0	0.0	18	0.13	18	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.7	1.1	1	5
04/12/2018	09:15	1.7	1.8	1.7	96	1.1	3	WSW	0.25	4	WSW	0.4	1.7	0.4	-1.2	30.10	0.0	0.0	18	0.13	18	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	1.1	1	5
04/12/2018	09:20	1.6	1.7	1.6	96	1.0	2	WSW	0.17	3	WSW	1.2	1.6	1.2	-0.4	30.10	0.0	0.0	18	0.13	18	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	1.1	2	5
04/12/2018	09:25	1.6	1.6	1.6	96	1.0	2	WSW	0.17	4	WSW	1.1	1.6	1.1	-0.5	30.11	0.0	0.0	18	0.13	19	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	1.1	2	5
04/12/2018	09:30	1.6	1.6	1.6	96	1.0	3	WSW	0.25	6	WSW	0.3	1.6	0.3	-1.3	30.11	0.0	0.0	19	0.14	19	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	1.1	3	5
04/12/2018	09:35	1.6	1.6	1.6	96	1.0	4	WSW	0.33	5	WSW	-0.4	1.6	-0.4	-1.3	30.11	0.0	0.0	21	0.15	21	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	1.7	2	5
04/12/2018	09:40	1.5	1.6	1.5	96	0.9	4	WSW	0.33	6	WSW	-0.4	1.5	-0.4	-1.4	30.11	0.0	0.0	21	0.15	21	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	1.7	3	5
04/12/2018	09:45	1.6	1.6	1.5	96	1.0	4	WSW	0.33	5	WSW	-0.4	1.6	-0.4	-1.3	30.12	0.0	0.0	23	0.16	25	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	1.7	4	5
04/12/2018	09:50	1.6	1.6	1.6	96	1.0	4	WSW	0.33	5	WSW	-0.4	1.6	-0.4	-1.3	30.12	0.0	0.0	24	0.17	26	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	2.2	9	5
04/12/2018	09:55	1.6	1.6	1.6	96	1.0	3	WSW	0.25	4	WSW	0.3	1.6	0.3	-0.1	30.12	0.0	0.0	43	0.31	77	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	2.2	6	5
04/12/2018	10:00	1.7	1.7	1.6	96	1.1	4	WSW	0.33	5	WSW	-0.3	1.7	-0.3	-1.1	30.12	0.0	0.0	28	0.20	39	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	2.2	4	5
04/12/2018	10:05	1.8	1.8	1.7	96	1.2	3	WSW	0.25	5	WSW	0.5	1.8	0.5	0.9	30.12	0.0	0.0	75	0.54	120	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	2.2	8	5
04/12/2018	10:10	2.1	2.1	1.8	97	1.7	3	WSW	0.25	4	WSW	0.9	2.1	0.9	2.4	30.13	0.0	0.0	140	1.00	149	0	0.00	0.00	0.06	0.00	0.00	51	4.4	-0.6	6.1	2.8	11	5
04/12/2018	10:15	2.9	2.9	2.1	97	2.5	3	WSW	0.25	4	WSW	1.8	2.9	1.8	3.7	30.13	0.0	0.0	170	1.22	176	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.0	6.1	2.8	10	5
04/12/2018	10:20	3.0	3.1	2.9	96	2.4	3	WSW	0.25	5	WSW	1.9	3.0	1.9	4.0	30.12	0.0	0.0	180	1.29	181	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.0	6.1	2.8	11	5
04/12/2018	10:25	3.4	3.4	3.0	96	2.8	3	WSW	0.25	5	WSW	2.3	3.4	2.3	4.1	30.13	0.0	0.0	140	1.00	174	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.0	6.1	3.3	14	5
04/12/2018	10:30	3.6	3.7	3.4	95	2.9	3	WSW	0.25	5	WSW	2.6	3.6	2.6	3.6	30.12	0.0	0.0	103	0.74	123	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.0	6.1	3.3	15	5
04/12/2018	10:35	3.8	3.8	3.6	95	3.1	4	WSW	0.33	7	WSW	2.2	3.8	2.2	2.0	30.13	0.0	0.0	47	0.34	77	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.0	6.1	3.9	15	5
04/12/2018	10:40	4.1	4.1	3.8	94	3.2	4	WSW	0.33	7	WSW	2.5	4.1	2.5	4.0	30.13	0.0	0.0	127	0.91	204	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.0	6.1	3.9	15	5
04/12/2018	10:45	4.2	4.2	4.1	94	3.3	3	WSW	0.25	5	WSW	3.3	4.2	3.3	5.3	30.13	0.0	0.0	158	1.13	200	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.0	6.1	4.4	15	5
04/12/2018	10:50	4.2	4.3	4.2	94	3.3	2	WSW	0.17	5	WSW	4.0	4.2	4.0	5.2	30.13	0.0	0.0	110	0.79	130	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.0	6.1	3.9	15	5
04/12/2018	10:55	4.3	4.3	4.2	94	3.4	3	WSW	0.25	5	WSW	3.3	4.3	3.3	3.7	30.13	0.0	0.0	74	0.53	109	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.6	6.1	5.0	15	5
04/12/2018	11:00	4.6	4.6	4.3	93	3.5	3	WSW	0.25	4	WSW	3.7	4.6	3.7	3.7	30.13	0.0	0.0	61	0.44	77	0	0.00	0.00	0.05	0.00	0.05	51	4.4	0.6	6.1	6.1	15	5
04/12/2018	11:05	4.6	4.6	4.6	92	3.4	1	WSW	0.08	2	WSW	4.6	4.6	4.6	4.2	30.13	0.0	0.0	43	0.31	65	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.6	6.1	8.3	15	5
04/12/2018	11:10	4.7	4.7	4.6	92	3.5	0	---	0.00	0	---	4.7	4.7	4.7	5.7	30.13	0.0	0.0	102	0.73	137	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.0	6.1	8.3	15	5
04/12/2018	11:15	4.8	4.8	4.7	92	3.6	0	---	0.00	0	---	4.8	4.8	4.8	6.1	30.14	0.0	0.0	116	0.83	127	0	0.00	0.00	0.05	0.00	0.00	51	4.4	0.6	6.1	8.3	15	5
04/12/2018	11:20	4.9	4.9	4.8	92	3.7	0	---	0.00	0	---	4.9	4.9	4.9	6.3	30.14	0.0	0.0	126	0.90	148	0	0.00	0.00	0.05	0.00	0.00	51	4.4	1.1	6.1	8.3	15	5
04/12/2018	11:25	5.0	5.0	4.9	92	3.8	1	WSW	0.08	4	WSW	5.0	5.0	5.0	7.1	30.15	0.0	0.0	160	1.15	190	0	0.00	0.00	0.05	0.00	0.00	51	4.4	1.1	6.1	8.9	15	5
04/12/2018	11:30	5.1	5.1	5.0	92	3.9	2	WSW	0.17	3	WSW	5.0	5.1	5.0	5.9	30.14	0.0	0.0	100	0.72	113	0	0.00	0.00	0.05	0.00	0.00	51	4.4	1.1	6.1	8.9	15	5
04/12/2018	11:35	5.2	5.2	5.1	91	3.9	3	WSW	0.25	5	WSW	4.4	5.2	4.4	5.1	30.15	0.0	0.0	91	0.65	107	0	0.00	0.00	0.05	0.00	0.00	51	4.4	1.7	6.1	7.8	15	5
04/12/2018	11:40	5.2	5.3	5.2	91	3.8	3	WSW	0.25	5	WSW	4.3	5.2	4.3	5.9	30.14	0.0	0.0	132	0.95	142	0	0.00	0.00	0.05	0.00	0.00	51	4.4	1.7	6.1	7.2	15	5
04/12/2018	11:45	5.2	5.2	5.2	90	3.7	3	WSW	0.25	6	WSW	4.3	5.1	4.3	5.6	30.14	0.0	0.0	122	0.87	137	0	0.00	0.00	0.05	0.00	0.00	51	4.4	1.7	6.1	6.7	15	5
04/12/2018	11:50	5.2	5.2	5.1	90	3.7	4	WSW	0.33	6	WSW	3.8	5.1	3.7	4.8	30.14	0.0	0.0	111	0.80	114	0	0.00	0.00	0.05	0.00	0.00	51	4.4	2.2	6.1	6.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
04/12/2018	11:55	5.1	5.2	5.1	90	3.6	5	WSW	0.42	8	WSW	3.2	5.1	3.2	4.5	30.14	0.0	0.0	120	0.86	121	0	0.00	0.00	0.05	0.00	0.00	51	4.4	2.2	6.1	6.1	15	5
04/12/2018	12:00	5.1	5.1	5.1	90	3.6	4	WSW	0.33	6	WSW	3.7	5.0	3.6	4.9	30.14	0.0	0.0	118	0.85	121	0	0.00	0.00	0.05	0.00	0.05	51	4.4	2.8	6.1	6.1	15	5
04/12/2018	12:05	5.0	5.1	5.0	91	3.7	4	WSW	0.33	6	WSW	3.6	4.9	3.6	4.6	30.14	0.0	0.0	108	0.77	114	0	0.00	0.00	0.05	0.00	0.00	51	4.4	2.8	6.1	6.1	15	5
04/12/2018	12:10	5.1	5.1	4.9	91	3.7	4	WSW	0.33	6	WSW	3.7	5.0	3.6	4.3	30.14	0.0	0.0	92	0.66	97	0	0.00	0.00	0.05	0.00	0.00	51	4.4	2.8	6.1	6.1	15	5
04/12/2018	12:15	5.1	5.1	5.1	91	3.7	3	WSW	0.25	5	WSW	4.2	5.0	4.2	4.8	30.14	0.0	0.0	91	0.65	91	0	0.00	0.00	0.05	0.00	0.00	51	4.4	3.3	6.1	5.6	15	5
04/12/2018	12:20	5.1	5.1	5.1	91	3.7	3	WSW	0.25	5	WSW	4.2	5.0	4.2	4.8	30.14	0.0	0.0	91	0.65	93	0	0.00	0.00	0.05	0.00	0.00	51	4.4	3.3	6.1	6.1	15	5
04/12/2018	12:25	5.1	5.1	5.0	91	3.7	3	WSW	0.25	5	WSW	4.2	5.0	4.2	5.0	30.14	0.0	0.0	98	0.70	98	0	0.00	0.00	0.05	0.00	0.00	51	4.4	3.3	6.1	6.1	15	5
04/12/2018	12:30	5.2	5.2	5.1	91	3.8	3	WSW	0.25	5	WSW	4.3	5.2	4.3	5.3	30.14	0.0	0.0	103	0.74	105	0	0.00	0.00	0.05	0.00	0.00	51	4.4	3.3	6.1	6.1	15	5
04/12/2018	12:35	5.2	5.2	5.2	91	3.9	3	WSW	0.25	5	WSW	4.4	5.2	4.4	5.3	30.14	0.0	0.0	103	0.74	105	0	0.00	0.00	0.05	0.00	0.00	51	4.4	3.9	6.1	6.1	15	5
04/12/2018	12:40	5.3	5.3	5.2	91	3.9	3	WSW	0.25	5	WSW	4.5	5.3	4.5	5.3	30.14	0.0	0.0	97	0.70	100	0	0.00	0.00	0.05	0.00	0.00	51	4.4	3.9	6.1	6.1	15	5
04/12/2018	12:45	5.3	5.3	5.3	91	4.0	3	WSW	0.25	4	WSW	4.6	5.3	4.6	5.3	30.14	0.0	0.0	90	0.65	91	0	0.00	0.00	0.05	0.00	0.00	51	4.4	3.9	6.1	6.1	15	5
04/12/2018	12:50	5.2	5.3	5.2	91	3.9	4	WSW	0.33	6	WSW	3.8	5.2	3.8	4.5	30.14	0.0	0.0	90	0.65	90	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	6.1	15	5
04/12/2018	12:55	5.2	5.2	5.2	92	4.0	3	WSW	0.25	6	WSW	4.3	5.2	4.3	5.1	30.15	0.0	0.0	93	0.67	95	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	6.1	15	5
04/12/2018	13:00	5.3	5.3	5.2	92	4.1	3	WSW	0.25	5	WSW	4.5	5.3	4.5	5.3	30.15	0.0	0.0	97	0.70	97	0	0.00	0.00	0.05	0.00	0.05	50	4.4	3.9	6.1	6.1	15	5
04/12/2018	13:05	5.3	5.3	5.2	92	4.1	3	WSW	0.25	5	WSW	4.5	5.3	4.5	5.2	30.15	0.0	0.0	87	0.62	91	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	6.1	15	5
04/12/2018	13:10	5.2	5.3	5.2	92	4.0	4	WSW	0.33	6	WSW	3.8	5.2	3.8	4.3	30.15	0.0	0.0	78	0.56	79	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	5.6	15	5
04/12/2018	13:15	5.2	5.2	5.2	92	4.0	4	WSW	0.33	6	WSW	3.8	5.2	3.8	4.2	30.15	0.0	0.0	77	0.55	77	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	5.6	15	5
04/12/2018	13:20	5.1	5.2	5.1	92	3.9	4	WSW	0.33	8	WSW	3.7	5.1	3.7	4.1	30.15	0.0	0.0	74	0.53	74	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	5.6	15	5
04/12/2018	13:25	5.1	5.2	5.1	92	3.9	3	WSW	0.25	6	WSW	4.2	5.1	4.2	4.6	30.15	0.0	0.0	76	0.54	76	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	5.6	15	5
04/12/2018	13:30	5.1	5.1	5.1	92	3.9	4	WSW	0.33	7	WSW	3.7	5.1	3.7	4.1	30.15	0.0	0.0	75	0.54	76	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	5.6	14	5
04/12/2018	13:35	4.9	5.1	4.9	92	3.8	3	SW	0.25	7	SW	4.1	4.9	4.1	4.4	30.15	0.0	0.0	69	0.49	72	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	5.6	14	5
04/12/2018	13:40	4.9	4.9	4.9	93	3.9	3	SW	0.25	5	SW	4.1	4.9	4.1	4.2	30.15	0.0	0.0	64	0.46	65	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	5.6	14	5
04/12/2018	13:45	4.9	4.9	4.9	93	3.9	3	SW	0.25	6	SW	4.1	4.9	4.1	4.1	30.14	0.0	0.0	61	0.44	62	0	0.00	0.00	0.05	0.00	0.00	50	4.4	3.9	6.1	5.0	14	5
04/12/2018	13:50	4.8	4.9	4.8	93	3.8	3	SW	0.25	5	SW	4.0	4.8	4.0	4.0	30.14	0.0	0.0	57	0.41	58	0	0.00	0.00	0.05	0.00	0.00	49	4.4	3.9	6.1	5.0	14	5
04/12/2018	13:55	4.8	4.8	4.8	93	3.7	3	SW	0.25	5	SW	3.9	4.8	3.9	4.0	30.14	0.0	0.0	59	0.42	60	0	0.00	0.00	0.05	0.00	0.00	49	4.4	3.9	6.1	5.0	13	5
04/12/2018	14:00	4.8	4.8	4.8	94	3.9	3	SW	0.25	6	SW	3.9	4.8	4.0	4.0	30.14	0.0	0.0	56	0.40	58	0	0.00	0.00	0.05	0.00	0.03	49	4.4	3.9	6.1	5.0	13	5
04/12/2018	14:05	4.8	4.8	4.8	94	3.9	4	SW	0.33	7	SW	3.3	4.8	3.4	3.3	30.14	0.0	0.0	52	0.37	53	0	0.00	0.00	0.05	0.00	0.00	49	4.4	3.9	6.1	5.0	13	5
04/12/2018	14:10	4.7	4.8	4.7	94	3.8	4	SW	0.33	7	SW	3.3	4.8	3.3	3.2	30.14	0.0	0.0	49	0.35	51	0	0.00	0.00	0.05	0.00	0.00	49	4.4	3.3	6.1	5.0	12	5
04/12/2018	14:15	4.7	4.7	4.7	94	3.8	3	SW	0.25	6	SW	3.8	4.7	3.8	3.6	30.14	0.0	0.0	48	0.34	49	0	0.00	0.00	0.05	0.00	0.00	49	4.4	3.3	6.1	5.0	12	5
04/12/2018	14:20	4.7	4.7	4.7	94	3.8	2	SW	0.17	4	SW	4.6	4.7	4.6	4.3	30.14	0.0	0.0	43	0.31	44	0	0.00	0.00	0.05	0.00	0.00	49	4.4	3.3	6.1	5.0	12	5
04/12/2018	14:25	4.6	4.7	4.6	94	3.7	3	SW	0.25	5	SW	3.7	4.7	3.8	3.4	30.14	0.0	0.0	43	0.31	44	0	0.00	0.00	0.05	0.00	0.00	49	4.4	3.3	6.1	5.0	11	5
04/12/2018	14:30	4.6	4.6	4.6	94	3.7	2	SW	0.17	6	SW	4.5	4.7	4.6	4.3	30.14	0.0	0.0	45	0.32	46	0	0.00	0.00	0.05	0.00	0.00	49	4.4	3.3	6.1	4.4	11	5
04/12/2018	14:35	4.6	4.6	4.6	94	3.7	3	SW	0.25	6	SW	3.7	4.6	3.7	3.4	30.14	0.0	0.0	42	0.30	44	0	0.00	0.00	0.05	0.00	0.00	49	4.4	3.3	6.1	4.4	10	5
04/12/2018	14:40	4.6	4.6	4.6	94	3.7	3	SW	0.25	5	SW	3.7	4.6	3.7	3.3	30.14	0.0	0.0	39	0.28	40	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	4.4	10	5
04/12/2018	14:45	4.6	4.6	4.6	94	3.7	3	SW	0.25	5	SW	3.7	4.6	3.7	3.3	30.14	0.0	0.0	36	0.26	37	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	4.4	9	5
04/12/2018	14:50	4.6	4.6	4.6	94	3.7	2	SW	0.17	4	SW	4.4	4.6	4.5	3.9	30.14	0.0	0.0	30	0.22	33	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	4.4	9	5
04/12/2018	14:55	4.5	4.6	4.5	94	3.6	2	SW	0.17	4	SW	4.4	4.6	4.4	3.7	30.14	0.0	0.0	25	0.18	26	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	4.4	8	5
04/12/2018	15:00	4.5	4.5	4.5	94	3.6	3	SW	0.25	4	SW	3.6	4.6	3.7	2.9	30.15	0.0	0.0	24	0.17	25	0	0.00	0.00	0.05	0.00	0.03	50	5.0	2.8	6.1	4.4	7	5
04/12/2018	15:05	4.4	4.5	4.4	94	3.6	3	SW	0.25	4	SW	3.6	4.5	3.6	2.1	30.15	0.0	0.0	21	0.15	23	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	4.4	7	5
04/12/2018	15:10	4.4	4.5	4.4	94	3.6	3	SW	0.25	5	SW	3.6	4.5	3.6	2.1	30.15	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	4.4	6	5
04/12/2018	15:15	4.4	4.4	4.4	94	3.6	3	SW	0.25	5	SW	3.6	4.5	3.6	2.1	30.15	0.0	0.0	17	0.12	18	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	5	5
04/12/2018	15:20	4.4	4.4	4.4	94	3.5	4	SW	0.33	6	SW	2.9	4.4	2.9	1.3	30.15	0.0	0.0	12	0.09	14	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	4	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
04/12/2018	15:25	4.3	4.4	4.3	94	3.5	5	SW	0.42	7	SW	2.3	4.3	2.3	0.7	30.15	0.0	0.0	8	0.06	9	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	4	5
04/12/2018	15:30	4.3	4.3	4.3	94	3.4	5	SW	0.42	6	SW	2.3	4.3	2.3	0.6	30.15	0.0	0.0	6	0.04	7	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	4	5
04/12/2018	15:35	4.3	4.3	4.2	94	3.4	4	SW	0.33	6	SW	2.8	4.3	2.8	1.1	30.15	0.0	0.0	3	0.02	5	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	4	5
04/12/2018	15:40	4.2	4.3	4.2	94	3.3	4	SW	0.33	6	SW	2.7	4.2	2.7	0.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	4	5
04/12/2018	15:45	4.2	4.2	4.2	94	3.3	4	SW	0.33	5	SW	2.6	4.2	2.6	0.8	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	3	5
04/12/2018	15:50	4.2	4.2	4.2	94	3.3	4	SW	0.33	5	SW	2.6	4.2	2.6	0.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	3	5
04/12/2018	15:55	4.2	4.2	4.2	95	3.4	3	SW	0.25	4	SW	3.2	4.2	3.2	1.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	3	5
04/12/2018	16:00	4.2	4.2	4.2	95	3.4	3	SW	0.25	5	SW	3.2	4.2	3.2	1.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	3	5
04/12/2018	16:05	4.2	4.2	4.1	95	3.4	3	SW	0.25	6	SW	3.2	4.2	3.2	1.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	3	5
04/12/2018	16:10	4.1	4.2	4.1	95	3.4	3	SW	0.25	5	SW	3.2	4.1	3.2	1.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	16:15	4.1	4.1	4.1	94	3.2	3	SW	0.25	5	SW	3.2	4.1	3.2	1.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	16:20	4.1	4.1	4.1	95	3.3	4	SW	0.33	6	SW	2.5	4.1	2.5	0.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	16:25	4.1	4.1	4.1	95	3.3	4	SW	0.33	7	SW	2.5	4.1	2.5	0.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	16:30	4.1	4.1	4.1	95	3.3	4	SW	0.33	6	SW	2.5	4.1	2.5	0.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	16:35	4.1	4.1	4.1	95	3.3	3	SW	0.25	6	SW	3.1	4.1	3.1	1.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	16:40	4.1	4.1	4.0	95	3.3	3	SW	0.25	6	SW	3.1	4.1	3.1	1.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	16:45	4.1	4.1	4.0	95	3.3	4	SW	0.33	6	SW	2.5	4.1	2.5	0.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	16:50	4.1	4.1	4.0	95	3.3	4	SW	0.33	7	SW	2.5	4.1	2.5	0.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	16:55	4.0	4.1	4.0	95	3.3	5	SW	0.42	8	SW	1.9	4.0	1.9	0.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	17:00	4.1	4.1	4.0	95	3.3	5	SW	0.42	9	SW	2.1	4.1	2.1	0.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	17:05	4.1	4.1	4.0	95	3.3	5	SW	0.42	8	SW	2.1	4.1	2.1	0.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	17:10	4.1	4.1	4.1	95	3.3	5	SW	0.42	9	SW	2.1	4.1	2.1	0.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	4	5
04/12/2018	17:15	4.1	4.1	4.1	95	3.3	6	SW	0.50	9	SW	1.6	4.1	1.6	-0.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	4	5
04/12/2018	17:20	4.1	4.1	4.1	95	3.3	4	SW	0.33	8	SW	2.5	4.1	2.5	0.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	4	5
04/12/2018	17:25	4.1	4.1	4.1	96	3.5	4	SW	0.33	6	SW	2.5	4.1	2.6	0.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	3	5
04/12/2018	17:30	4.1	4.1	4.1	96	3.5	4	SW	0.33	8	SW	2.5	4.1	2.6	0.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	4	5
04/12/2018	17:35	4.1	4.1	4.0	96	3.5	5	SW	0.42	7	SW	2.1	4.1	2.1	0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	3	5
04/12/2018	17:40	4.1	4.1	4.0	96	3.5	5	SW	0.42	7	SW	2.1	4.1	2.1	0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	3	5
04/12/2018	17:45	4.0	4.1	4.0	95	3.3	4	SW	0.33	6	SW	2.4	4.0	2.4	0.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	3	5
04/12/2018	17:50	4.0	4.0	4.0	96	3.4	4	SW	0.33	5	SW	2.4	4.1	2.5	0.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.9	4	5
04/12/2018	17:55	3.9	4.0	3.9	96	3.4	3	SW	0.25	5	SW	2.9	3.9	2.9	1.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	4	5
04/12/2018	18:00	3.9	4.0	3.9	96	3.4	3	SW	0.25	5	SW	2.9	3.9	2.9	1.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	4	5
04/12/2018	18:05	3.9	3.9	3.9	96	3.4	3	SW	0.25	4	SW	2.9	3.9	2.9	1.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	4	5
04/12/2018	18:10	3.9	3.9	3.9	96	3.3	3	SW	0.25	4	SW	2.9	3.9	2.9	1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	4	5
04/12/2018	18:15	3.9	3.9	3.9	96	3.3	3	SW	0.25	5	SW	2.9	3.9	2.9	1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	4	5
04/12/2018	18:20	3.8	3.9	3.8	96	3.3	3	SW	0.25	5	SW	2.8	3.8	2.8	1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	4	5
04/12/2018	18:25	3.8	3.8	3.8	96	3.3	4	SW	0.33	5	SW	2.2	3.8	2.2	0.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	5	5
04/12/2018	18:30	3.8	3.8	3.8	96	3.3	4	SW	0.33	6	SW	2.2	3.8	2.2	0.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	6	5
04/12/2018	18:35	3.8	3.8	3.8	96	3.2	3	SW	0.25	5	SW	2.8	3.8	2.8	1.0	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	6	5
04/12/2018	18:40	3.8	3.8	3.8	96	3.2	3	SW	0.25	5	SW	2.8	3.8	2.8	1.0	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	7	5
04/12/2018	18:45	3.8	3.8	3.8	96	3.2	3	SW	0.25	5	SW	2.8	3.8	2.8	1.0	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	7	5
04/12/2018	18:50	3.8	3.8	3.7	96	3.2	2	SW	0.17	4	SW	3.6	3.8	3.6	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	8	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
04/12/2018	18:55	3.7	3.8	3.7	96	3.1	2	SW	0.17	4	SW	3.5	3.7	3.5	1.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	8	5
04/12/2018	19:00	3.7	3.7	3.7	96	3.1	2	SW	0.17	3	SW	3.5	3.7	3.5	1.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	8	5
04/12/2018	19:05	3.7	3.7	3.7	96	3.1	3	SW	0.25	5	SW	2.7	3.7	2.7	0.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	9	5
04/12/2018	19:10	3.7	3.7	3.7	96	3.1	3	SW	0.25	5	SW	2.7	3.7	2.7	0.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	9	5
04/12/2018	19:15	3.7	3.7	3.7	96	3.1	3	SW	0.25	7	SW	2.7	3.7	2.7	0.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	9	5
04/12/2018	19:20	3.7	3.7	3.7	96	3.1	4	SW	0.33	6	SW	2.1	3.7	2.1	0.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	9	5
04/12/2018	19:25	3.7	3.7	3.7	96	3.1	4	SW	0.33	6	SW	2.1	3.7	2.1	0.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	9	5
04/12/2018	19:30	3.6	3.7	3.6	96	3.0	4	SW	0.33	6	SW	2.0	3.6	2.0	0.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	10	5
04/12/2018	19:35	3.6	3.7	3.6	96	3.0	5	SW	0.42	7	SW	1.5	3.6	1.5	-0.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	10	5
04/12/2018	19:40	3.6	3.6	3.6	96	3.0	5	SW	0.42	7	SW	1.4	3.6	1.4	-0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	10	5
04/12/2018	19:45	3.6	3.6	3.6	96	3.0	5	SW	0.42	7	SW	1.4	3.6	1.4	-0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.2	6.1	3.3	10	5
04/12/2018	19:50	3.6	3.6	3.5	96	3.0	5	SW	0.42	7	SW	1.4	3.6	1.4	-0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	3.3	10	5
04/12/2018	19:55	3.5	3.6	3.5	96	2.9	4	SW	0.33	6	SW	1.9	3.5	1.9	0.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	3.3	10	5
04/12/2018	20:00	3.4	3.5	3.4	96	2.9	4	SW	0.33	6	SW	1.8	3.4	1.8	0.0	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	3.3	10	5
04/12/2018	20:05	3.4	3.4	3.4	96	2.9	4	SW	0.33	6	SW	1.8	3.4	1.8	0.0	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	3.3	10	5
04/12/2018	20:10	3.4	3.4	3.4	96	2.8	4	SW	0.33	6	SW	1.7	3.4	1.7	-0.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	1.7	6.1	2.8	10	5
04/12/2018	20:15	3.4	3.4	3.4	96	2.8	4	SW	0.33	6	SW	1.7	3.4	1.7	-0.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	1.7	6.1	3.3	11	5
04/12/2018	20:20	3.3	3.4	3.3	96	2.8	3	SW	0.25	5	SW	2.3	3.3	2.3	0.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	1.7	6.1	2.8	11	5
04/12/2018	20:25	3.3	3.3	3.3	96	2.8	3	SW	0.25	5	SW	2.3	3.3	2.3	0.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	1.7	6.1	2.8	11	5
04/12/2018	20:30	3.3	3.3	3.3	96	2.7	3	SW	0.25	5	SW	2.2	3.3	2.2	0.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	1.7	6.1	2.8	11	5
04/12/2018	20:35	3.3	3.3	3.3	96	2.7	3	SW	0.25	5	SW	2.2	3.3	2.2	0.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	1.7	6.1	2.8	12	5
04/12/2018	20:40	3.2	3.3	3.2	96	2.6	4	SW	0.33	6	SW	1.6	3.2	1.6	-0.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	1.7	6.1	2.8	12	5
04/12/2018	20:45	3.2	3.3	3.2	96	2.6	4	SW	0.33	6	SW	1.6	3.2	1.6	-0.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	1.7	6.1	2.8	12	5
04/12/2018	20:50	3.2	3.2	3.2	96	2.6	4	SW	0.33	6	SW	1.5	3.2	1.5	-0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	1.7	6.1	2.8	12	5
04/12/2018	20:55	3.2	3.2	3.2	96	2.6	4	SW	0.33	6	SW	1.5	3.2	1.5	-0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	2.8	12	5
04/12/2018	21:00	3.2	3.2	3.2	96	2.6	4	SW	0.33	6	SW	1.5	3.2	1.5	-0.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	2.8	12	5
04/12/2018	21:05	3.2	3.2	3.2	96	2.6	4	SW	0.33	6	SW	1.5	3.2	1.5	-0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	2.8	12	5
04/12/2018	21:10	3.2	3.2	3.2	96	2.6	4	SW	0.33	6	SW	1.5	3.2	1.5	-0.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	2.8	12	5
04/12/2018	21:15	3.2	3.2	3.2	97	2.7	3	SW	0.25	5	SW	2.1	3.2	2.1	0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	4.4	2.2	6.1	2.8	12	5
04/12/2018	21:20	3.2	3.2	3.2	97	2.7	3	SW	0.25	6	SW	2.1	3.2	2.1	0.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	2.8	12	5
04/12/2018	21:25	3.2	3.2	3.2	97	2.7	3	SW	0.25	5	SW	2.1	3.2	2.1	0.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.2	6.1	2.8	11	5
04/12/2018	21:30	3.2	3.2	3.2	97	2.7	3	SW	0.25	5	SW	2.1	3.2	2.1	0.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.2	6.1	3.3	11	5
04/12/2018	21:35	3.2	3.2	3.2	97	2.7	4	SW	0.33	7	SW	1.5	3.2	1.5	-0.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.2	6.1	3.3	11	5
04/12/2018	21:40	3.2	3.2	3.2	97	2.8	4	SW	0.33	7	SW	1.6	3.2	1.6	-0.2	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.2	6.1	3.3	11	5
04/12/2018	21:45	3.2	3.2	3.2	97	2.8	5	SW	0.42	8	SW	1.1	3.2	1.1	-0.7	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.2	6.1	3.3	11	5
04/12/2018	21:50	3.3	3.3	3.2	97	2.8	6	SW	0.50	10	SW	0.7	3.3	0.7	-1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.2	6.1	3.3	10	5
04/12/2018	21:55	3.3	3.3	3.3	97	2.8	5	SW	0.42	8	SW	1.1	3.3	1.1	-0.7	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.8	6.1	3.3	10	5
04/12/2018	22:00	3.3	3.3	3.3	97	2.9	5	SW	0.42	9	SW	1.2	3.3	1.2	-0.6	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.8	6.1	3.3	9	5
04/12/2018	22:05	3.4	3.4	3.3	97	3.0	4	SW	0.33	7	SW	1.7	3.4	1.7	-0.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.8	6.1	3.3	9	5
04/12/2018	22:10	3.4	3.4	3.4	97	3.0	4	SW	0.33	7	SW	1.7	3.4	1.7	-0.1	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	4.4	2.8	6.1	3.3	8	5
04/12/2018	22:15	3.4	3.4	3.4	97	3.0	5	SW	0.42	8	SW	1.2	3.4	1.2	-0.6	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	7	5
04/12/2018	22:20	3.4	3.4	3.4	97	3.0	4	SW	0.33	6	SW	1.7	3.4	1.7	-0.1	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	6	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
04/12/2018	22:25	3.4	3.4	3.4	97	3.0	3	SW	0.25	5	SW	2.3	3.4	2.3	0.6	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	5	5
04/12/2018	22:30	3.4	3.4	3.4	97	3.0	4	SW	0.33	5	SW	1.7	3.4	1.7	-0.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	4	5
04/12/2018	22:35	3.4	3.4	3.4	97	3.0	5	SW	0.42	7	SW	1.2	3.4	1.2	-0.6	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	4	5
04/12/2018	22:40	3.4	3.4	3.4	97	3.0	5	SW	0.42	7	SW	1.2	3.4	1.2	-0.6	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	4	5
04/12/2018	22:45	3.4	3.4	3.4	97	3.0	5	SW	0.42	8	SW	1.3	3.4	1.3	-0.4	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	3	5
04/12/2018	22:50	3.4	3.4	3.4	97	3.0	6	SW	0.50	10	SW	0.9	3.4	0.9	-0.9	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	3	5
04/12/2018	22:55	3.5	3.5	3.4	97	3.1	7	SW	0.58	11	SW	0.6	3.6	0.7	-1.1	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	3	5
04/12/2018	23:00	3.5	3.6	3.4	97	3.1	8	SW	0.67	12	SW	0.3	3.6	0.3	-1.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	2	5
04/12/2018	23:05	3.6	3.6	3.5	97	3.1	8	SW	0.67	11	SW	0.3	3.6	0.4	-1.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	1	5
04/12/2018	23:10	3.6	3.6	3.6	97	3.1	7	SW	0.58	10	SW	0.7	3.6	0.7	-1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	1	5
04/12/2018	23:15	3.6	3.6	3.6	97	3.1	7	SW	0.58	11	SW	0.7	3.6	0.7	-1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	1	5
04/12/2018	23:20	3.6	3.6	3.6	97	3.2	7	SW	0.58	10	SW	0.7	3.7	0.8	-1.0	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	1	5
04/12/2018	23:25	3.6	3.6	3.6	97	3.2	6	SW	0.50	10	SW	1.1	3.7	1.2	-0.6	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	0	5
04/12/2018	23:30	3.6	3.6	3.6	97	3.2	5	SW	0.42	8	SW	1.5	3.7	1.6	-0.2	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	0	5
04/12/2018	23:35	3.6	3.6	3.6	97	3.2	6	SW	0.50	9	SW	1.1	3.7	1.2	-0.6	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	0	5
04/12/2018	23:40	3.6	3.7	3.6	97	3.2	6	SW	0.50	10	SW	1.1	3.7	1.2	-0.6	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	0	5
04/12/2018	23:45	3.6	3.6	3.6	97	3.2	5	SW	0.42	8	SW	1.5	3.7	1.6	-0.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	0	5
04/12/2018	23:50	3.6	3.7	3.6	97	3.2	5	SW	0.42	9	SW	1.5	3.7	1.6	-0.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	0	5
04/12/2018	23:55	3.7	3.7	3.6	97	3.2	6	SW	0.50	9	SW	1.2	3.7	1.2	-0.6	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	0	5
05/12/2018	00:00	3.6	3.7	3.6	97	3.2	5	SW	0.42	8	SW	1.5	3.7	1.6	-0.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	0	5
05/12/2018	00:05	3.7	3.7	3.6	97	3.2	5	SW	0.42	8	SW	1.6	3.7	1.6	-0.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	0	5
05/12/2018	00:10	3.7	3.7	3.7	97	3.2	5	SW	0.42	9	SW	1.6	3.7	1.6	-0.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.9	0	5
05/12/2018	00:15	3.7	3.7	3.7	97	3.2	4	SW	0.33	7	SW	2.1	3.7	2.1	0.3	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	0	5
05/12/2018	00:20	3.7	3.7	3.7	97	3.2	3	SW	0.25	7	SW	2.7	3.7	2.7	0.9	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	0	5
05/12/2018	00:25	3.7	3.7	3.7	97	3.2	3	SW	0.25	5	SW	2.7	3.7	2.7	0.9	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	0	5
05/12/2018	00:30	3.7	3.7	3.7	97	3.2	3	SW	0.25	5	SW	2.7	3.7	2.7	0.9	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	0	5
05/12/2018	00:35	3.7	3.7	3.7	96	3.1	4	SW	0.33	6	SW	2.1	3.7	2.1	0.3	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	0	5
05/12/2018	00:40	3.6	3.7	3.6	96	3.0	4	SW	0.33	6	SW	2.0	3.6	2.0	0.2	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	0	5
05/12/2018	00:45	3.6	3.7	3.6	96	3.0	3	SW	0.25	6	SW	2.6	3.6	2.6	0.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	0	5
05/12/2018	00:50	3.6	3.7	3.6	96	3.0	4	SW	0.33	6	SW	2.0	3.6	2.0	0.2	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	1	5
05/12/2018	00:55	3.7	3.7	3.6	96	3.1	3	SW	0.25	6	SW	2.7	3.7	2.7	0.9	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	1	5
05/12/2018	01:00	3.6	3.7	3.6	96	3.0	3	SW	0.25	6	SW	2.6	3.6	2.6	0.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	3	5
05/12/2018	01:05	3.6	3.7	3.6	96	3.0	3	SW	0.25	5	SW	2.6	3.6	2.6	0.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	3	5
05/12/2018	01:10	3.6	3.6	3.6	96	3.0	4	SSW	0.33	11	SSW	2.0	3.6	2.0	0.2	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	8	5
05/12/2018	01:15	3.6	3.6	3.6	96	3.0	4	SSW	0.33	7	SSW	2.0	3.6	2.0	0.2	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	12	5
05/12/2018	01:20	3.7	3.7	3.6	96	3.1	5	SSW	0.42	11	SSW	1.6	3.7	1.6	-0.2	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	14	5
05/12/2018	01:25	3.6	3.7	3.6	96	3.0	3	SSW	0.25	9	SSW	2.6	3.6	2.6	0.8	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	15	5
05/12/2018	01:30	3.6	3.6	3.6	96	3.0	6	SSW	0.50	11	SSW	1.1	3.6	1.1	-0.7	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	15	5
05/12/2018	01:35	3.6	3.6	3.6	96	3.0	5	SSW	0.42	8	SSW	1.5	3.6	1.5	-0.3	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	15	5
05/12/2018	01:40	3.6	3.6	3.6	96	3.0	5	SSW	0.42	8	SSW	1.4	3.6	1.4	-0.3	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	15	5
05/12/2018	01:45	3.6	3.6	3.6	97	3.1	5	SSW	0.42	8	SSW	1.4	3.6	1.5	-0.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	15	5
05/12/2018	01:50	3.6	3.6	3.6	97	3.1	5	SSW	0.42	8	SSW	1.4	3.6	1.5	-0.3	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
05/12/2018	01:55	3.5	3.6	3.5	97	3.1	5	SSW	0.42	12	SSW	1.4	3.6	1.4	-0.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	15	5
05/12/2018	02:00	3.5	3.5	3.5	97	3.1	4	SSW	0.33	11	SSW	1.9	3.6	1.9	0.2	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	3.3	15	5
05/12/2018	02:05	3.5	3.5	3.4	97	3.1	4	SSW	0.33	10	SSW	1.9	3.6	1.9	0.2	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:10	3.4	3.5	3.4	97	3.0	6	SSW	0.50	8	SSW	0.9	3.4	0.9	-0.9	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:15	3.4	3.4	3.4	97	3.0	4	SSW	0.33	11	SSW	1.8	3.4	1.8	0.0	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:20	3.4	3.4	3.4	97	3.0	4	SSW	0.33	7	SSW	1.8	3.4	1.8	0.0	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:25	3.4	3.4	3.4	97	3.0	5	SSW	0.42	11	SSW	1.3	3.4	1.3	-0.4	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:30	3.4	3.4	3.4	97	3.0	5	SSW	0.42	12	SSW	1.3	3.4	1.3	-0.4	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:35	3.4	3.4	3.4	97	3.0	3	SSW	0.25	8	SSW	2.4	3.4	2.4	0.6	30.08	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:40	3.4	3.4	3.4	97	3.0	4	SSW	0.33	8	SSW	1.8	3.4	1.8	0.0	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:45	3.4	3.4	3.4	97	3.0	4	SSW	0.33	7	SSW	1.7	3.4	1.7	-0.1	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:50	3.4	3.4	3.4	97	3.0	5	SSW	0.42	7	SSW	1.2	3.4	1.2	-0.6	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	02:55	3.4	3.4	3.4	97	3.0	3	SSW	0.25	7	SSW	2.3	3.4	2.3	0.6	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:00	3.4	3.4	3.4	97	3.0	4	SSW	0.33	7	SSW	1.7	3.4	1.7	-0.1	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:05	3.4	3.4	3.4	97	3.0	6	SSW	0.50	9	SSW	0.8	3.4	0.8	-0.9	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:10	3.4	3.4	3.4	97	3.0	4	SSW	0.33	9	SSW	1.7	3.4	1.7	-0.1	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:15	3.4	3.4	3.4	97	3.0	3	SSW	0.25	7	SSW	2.3	3.4	2.3	0.6	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:20	3.4	3.4	3.4	97	3.0	5	SSW	0.42	8	SSW	1.2	3.4	1.2	-0.6	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:25	3.4	3.4	3.4	97	3.0	2	SSW	0.17	5	SSW	3.2	3.4	3.2	1.4	30.07	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:30	3.4	3.4	3.4	97	3.0	3	SSW	0.25	6	SSW	2.3	3.4	2.3	0.6	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:35	3.4	3.4	3.3	97	3.0	5	SSW	0.42	8	SSW	1.2	3.4	1.2	-0.6	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:40	3.4	3.4	3.3	97	3.0	5	SSW	0.42	8	SSW	1.2	3.4	1.2	-0.6	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:45	3.4	3.4	3.3	97	3.0	3	SSW	0.25	6	SSW	2.3	3.4	2.3	0.6	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:50	3.4	3.4	3.3	97	3.0	4	SSW	0.33	9	SSW	1.7	3.4	1.7	-0.1	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	03:55	3.3	3.4	3.3	97	2.9	4	SSW	0.33	7	SSW	1.7	3.3	1.7	-0.1	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	04:00	3.4	3.4	3.3	97	3.0	4	SSW	0.33	8	SSW	1.7	3.4	1.7	-0.1	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	04:05	3.4	3.4	3.3	97	3.0	3	SSW	0.25	8	SSW	2.3	3.4	2.3	0.6	30.04	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	04:10	3.4	3.4	3.4	97	3.0	3	SSW	0.25	7	SSW	2.3	3.4	2.3	0.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	2.8	6.1	2.8	15	5
05/12/2018	04:15	3.4	3.4	3.3	97	3.0	4	SSW	0.33	7	SSW	1.7	3.4	1.7	-0.1	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	2.8	15	5
05/12/2018	04:20	3.4	3.4	3.3	97	3.0	3	SSW	0.25	5	SSW	2.3	3.4	2.3	0.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	2.8	15	5
05/12/2018	04:25	3.4	3.4	3.3	97	3.0	3	SSW	0.25	6	SSW	2.3	3.4	2.3	0.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	2.8	15	5
05/12/2018	04:30	3.4	3.4	3.3	97	3.0	3	SSW	0.25	6	SSW	2.3	3.4	2.3	0.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	2.8	15	5
05/12/2018	04:35	3.4	3.4	3.4	97	3.0	2	SSW	0.17	7	SSW	3.2	3.4	3.2	1.4	30.04	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	3.3	15	5
05/12/2018	04:40	3.4	3.4	3.4	97	3.0	4	SSW	0.33	6	SSW	1.7	3.4	1.7	-0.1	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	3.3	15	5
05/12/2018	04:45	3.4	3.4	3.4	97	3.0	2	SSW	0.17	5	SSW	3.2	3.4	3.2	1.4	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	3.3	15	5
05/12/2018	04:50	3.4	3.4	3.4	97	3.0	1	SSW	0.08	5	SSW	3.4	3.4	3.4	1.6	30.04	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	3.3	15	5
05/12/2018	04:55	3.4	3.4	3.4	97	3.0	2	SSW	0.17	6	SSW	3.2	3.4	3.2	1.4	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:00	3.4	3.4	3.4	97	3.0	2	SSW	0.17	6	SSW	3.2	3.4	3.2	1.4	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:05	3.4	3.4	3.4	97	3.0	4	SSW	0.33	6	SSW	1.7	3.4	1.7	-0.1	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:10	3.4	3.4	3.4	97	3.0	3	SSW	0.25	7	SSW	2.3	3.4	2.3	0.6	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:15	3.4	3.4	3.4	97	3.0	3	SSW	0.25	6	SSW	2.4	3.4	2.4	0.6	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:20	3.4	3.4	3.4	97	3.0	2	SSW	0.17	6	SSW	3.2	3.4	3.2	1.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
05/12/2018	05:25	3.4	3.4	3.4	97	3.0	3	SSW	0.25	9	SSW	2.4	3.4	2.4	0.6	30.02	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:30	3.4	3.4	3.4	97	3.0	4	SSW	0.33	9	SSW	1.8	3.4	1.8	0.0	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:35	3.5	3.5	3.4	98	3.2	5	SSW	0.42	8	SSW	1.4	3.6	1.4	-0.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:40	3.5	3.5	3.5	98	3.2	3	SSW	0.25	7	SSW	2.4	3.6	2.5	0.7	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:45	3.5	3.5	3.5	98	3.2	4	S	0.33	11	S	1.9	3.6	1.9	0.2	30.01	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:50	3.6	3.6	3.5	98	3.3	5	S	0.42	10	S	1.4	3.6	1.5	-0.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	05:55	3.6	3.6	3.6	98	3.3	3	S	0.25	7	S	2.6	3.6	2.6	0.8	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:00	3.6	3.6	3.6	98	3.3	4	S	0.33	11	S	1.9	3.6	2.0	0.2	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:05	3.6	3.6	3.6	98	3.3	2	S	0.17	7	S	3.4	3.7	3.4	1.7	29.99	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:10	3.6	3.6	3.6	98	3.3	4	S	0.33	12	S	2.0	3.7	2.1	0.3	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:15	3.7	3.7	3.6	98	3.4	4	S	0.33	8	S	2.1	3.7	2.1	0.3	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:20	3.7	3.7	3.7	98	3.4	4	S	0.33	8	S	2.1	3.7	2.1	0.3	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:25	3.7	3.7	3.7	98	3.4	3	S	0.25	8	S	2.7	3.7	2.7	0.9	29.99	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:30	3.7	3.7	3.7	98	3.4	3	S	0.25	7	S	2.7	3.7	2.7	0.9	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:35	3.7	3.7	3.7	98	3.4	2	S	0.17	8	S	3.4	3.7	3.5	1.7	29.98	0.2	1.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:40	3.7	3.7	3.7	98	3.4	4	S	0.33	10	S	2.1	3.7	2.1	0.3	29.98	0.0	1.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:45	3.7	3.7	3.7	98	3.4	4	SSE	0.33	11	S	2.1	3.8	2.2	0.4	29.97	0.0	1.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:50	3.8	3.8	3.7	98	3.5	3	SSE	0.25	8	SSE	2.8	3.8	2.8	1.1	29.97	0.2	1.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	06:55	3.8	3.8	3.7	98	3.5	3	SSE	0.25	8	SSE	2.8	3.8	2.8	1.1	29.97	0.2	1.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	07:00	3.8	3.8	3.8	98	3.5	3	SSE	0.25	8	SSE	2.8	3.8	2.8	1.1	29.97	0.0	1.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	07:05	3.8	3.8	3.8	98	3.5	3	SSE	0.25	7	SSE	2.8	3.8	2.8	1.1	29.96	0.2	1.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	07:10	3.8	3.8	3.8	98	3.5	1	SSE	0.08	3	SSE	3.8	3.8	3.8	2.1	29.96	0.2	1.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	07:15	3.8	3.8	3.8	98	3.5	2	SSE	0.17	8	SSE	3.6	3.8	3.6	1.8	29.96	0.2	1.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	07:20	3.8	3.8	3.8	98	3.5	1	SSE	0.08	2	SSE	3.8	3.8	3.8	2.1	29.96	0.0	1.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	07:25	3.8	3.8	3.8	98	3.5	1	SSE	0.08	4	SSE	3.8	3.8	3.8	2.1	29.96	0.0	1.2	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.3	15	5
05/12/2018	07:30	3.8	3.8	3.8	98	3.5	3	SSE	0.25	7	SSE	2.8	3.9	2.9	1.1	29.96	0.2	1.2	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.9	15	5
05/12/2018	07:35	3.8	3.9	3.8	98	3.5	3	SSE	0.25	9	SSE	2.8	3.9	2.9	1.1	29.96	0.0	1.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.9	15	5
05/12/2018	07:40	3.9	3.9	3.8	98	3.6	4	SSE	0.33	7	SSE	2.3	3.9	2.4	0.6	29.95	0.0	1.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.9	15	5
05/12/2018	07:45	3.9	3.9	3.9	98	3.6	3	SSE	0.25	7	SSE	2.9	3.9	2.9	1.2	29.95	0.2	1.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.9	15	5
05/12/2018	07:50	3.9	3.9	3.9	98	3.7	3	SSE	0.25	8	SSE	2.9	4.0	3.0	1.2	29.95	0.2	1.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.3	6.1	3.9	15	5
05/12/2018	07:55	3.9	3.9	3.9	98	3.7	3	SSE	0.25	8	SSE	2.9	4.0	3.0	1.2	29.95	0.0	1.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:00	4.0	4.0	3.9	98	3.7	3	SSE	0.25	8	SSE	3.1	4.1	3.1	1.3	29.94	0.2	1.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:05	4.0	4.0	4.0	98	3.7	5	SSE	0.42	10	SSE	1.9	4.1	2.0	0.2	29.94	0.0	1.4	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:10	4.1	4.1	4.0	98	3.8	3	SSE	0.25	7	SSE	3.1	4.1	3.2	1.4	29.94	0.0	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:15	4.1	4.1	4.1	98	3.8	3	SSE	0.25	8	SSE	3.1	4.1	3.2	1.4	29.93	0.2	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:20	4.1	4.1	4.1	98	3.8	3	SSE	0.25	7	SSE	3.2	4.2	3.2	1.4	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:25	4.1	4.2	4.1	98	3.8	1	SSE	0.08	5	SSE	4.1	4.2	4.2	2.4	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:30	4.2	4.2	4.1	98	3.9	1	SSE	0.08	3	SSE	4.2	4.2	4.2	2.4	29.93	0.2	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:35	4.2	4.2	4.2	98	3.9	1	SSE	0.08	4	SSE	4.2	4.2	4.2	2.4	29.93	0.0	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:40	4.2	4.2	4.2	98	3.9	1	SSE	0.08	3	SSE	4.2	4.2	4.2	2.4	29.93	0.2	1.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:45	4.2	4.2	4.2	98	3.9	1	SSE	0.08	4	SSE	4.2	4.3	4.3	2.6	29.93	0.0	1.4	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	08:50	4.2	4.2	4.2	98	3.9	1	SSE	0.08	3	SSE	4.2	4.3	4.3	2.6	29.93	0.0	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
05/12/2018	08:55	4.2	4.2	4.2	98	3.9	1	SSE	0.08	3	SSE	4.2	4.3	4.3	2.6	29.93	0.2	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	09:00	4.2	4.2	4.2	98	3.9	1	SSE	0.08	4	SSE	4.2	4.3	4.3	2.6	29.92	0.0	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	09:05	4.2	4.3	4.2	98	3.9	2	SSE	0.17	3	SSE	4.1	4.3	4.1	2.4	29.92	0.2	1.2	4	0.03	5	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	3.9	15	5
05/12/2018	09:10	4.3	4.3	4.2	98	4.0	2	SSE	0.17	8	SSE	4.1	4.3	4.2	2.5	29.92	0.0	1.2	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	09:15	4.3	4.3	4.3	98	4.0	0	SSE	0.00	2	SSE	4.3	4.3	4.3	2.7	29.91	0.2	1.2	5	0.04	7	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	09:20	4.3	4.3	4.3	98	4.0	2	SSE	0.17	8	SSE	4.2	4.4	4.3	2.6	29.91	0.0	1.2	7	0.05	7	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	09:25	4.3	4.3	4.3	98	4.0	2	SSE	0.17	5	SSE	4.2	4.4	4.3	2.7	29.91	0.2	1.2	9	0.06	9	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	09:30	4.4	4.4	4.3	98	4.1	2	SSE	0.17	3	SSE	4.3	4.5	4.4	2.8	29.91	0.0	0.8	9	0.06	9	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	09:35	4.4	4.4	4.3	98	4.1	0	SSE	0.00	2	SSE	4.4	4.5	4.5	2.9	29.91	0.2	1.4	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	09:40	4.4	4.4	4.4	98	4.1	0	---	0.00	0	---	4.4	4.5	4.5	3.3	29.91	0.0	1.4	9	0.06	9	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	09:45	4.4	4.4	4.4	98	4.2	0	SSE	0.00	2	SSE	4.4	4.6	4.6	3.3	29.91	0.0	1.0	8	0.06	9	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	09:50	4.4	4.4	4.4	98	4.2	1	SSE	0.08	3	SSE	4.4	4.6	4.6	3.3	29.91	0.0	0.8	7	0.05	7	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	09:55	4.5	4.5	4.4	99	4.4	1	SSE	0.08	4	SSE	4.5	4.6	4.6	3.3	29.91	0.0	0.0	7	0.05	9	0	0.00	0.00	0.05	0.00	0.00	49	5.0	3.9	6.1	4.4	15	5
05/12/2018	10:00	4.5	4.5	4.4	99	4.4	0	SSE	0.00	3	SSE	4.5	4.6	4.6	3.4	29.90	0.0	0.0	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	4.4	15	5
05/12/2018	10:05	4.6	4.6	4.5	99	4.4	1	SSE	0.08	3	SSE	4.6	4.7	4.7	3.6	29.90	0.0	0.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	4.4	15	5
05/12/2018	10:10	4.6	4.6	4.5	99	4.4	1	SSE	0.08	4	SSE	4.6	4.7	4.7	3.5	29.90	0.2	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	4.4	15	5
05/12/2018	10:15	4.6	4.6	4.6	99	4.5	0	SSE	0.00	2	SSE	4.6	4.7	4.7	3.6	29.90	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	4.4	15	5
05/12/2018	10:20	4.6	4.6	4.6	99	4.5	1	SSE	0.08	3	SSE	4.6	4.7	4.7	3.6	29.90	0.0	0.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	4.4	15	5
05/12/2018	10:25	4.7	4.7	4.6	99	4.5	1	SSE	0.08	4	SSE	4.7	4.8	4.8	3.8	29.89	0.0	0.0	18	0.13	19	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	4.4	15	5
05/12/2018	10:30	4.7	4.7	4.7	98	4.4	1	SSE	0.08	3	SSE	4.7	4.8	4.8	3.7	29.89	0.0	0.0	17	0.12	18	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	4.4	15	5
05/12/2018	10:35	4.7	4.7	4.7	98	4.4	0	SSE	0.00	2	SSE	4.7	4.8	4.8	3.7	29.89	0.2	0.0	14	0.10	16	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	4.4	15	5
05/12/2018	10:40	4.7	4.7	4.7	99	4.6	0	SSE	0.00	1	SSE	4.7	4.8	4.8	3.8	29.89	0.0	0.0	16	0.11	18	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	5.0	15	5
05/12/2018	10:45	4.8	4.8	4.7	99	4.6	1	SSE	0.08	4	SSE	4.8	4.9	4.9	3.9	29.88	0.2	1.2	20	0.14	23	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	5.0	15	5
05/12/2018	10:50	4.8	4.8	4.8	99	4.6	1	SSE	0.08	3	SSE	4.8	4.9	4.9	4.1	29.88	0.2	2.4	24	0.17	25	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	5.0	15	5
05/12/2018	10:55	4.8	4.8	4.8	99	4.7	0	SSE	0.00	2	SSE	4.8	4.9	4.9	3.9	29.88	0.2	2.4	18	0.13	21	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	5.0	15	5
05/12/2018	11:00	4.8	4.8	4.8	99	4.7	1	SSE	0.08	3	SSE	4.8	4.9	4.9	4.0	29.87	0.0	1.6	20	0.14	21	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	5.0	15	5
05/12/2018	11:05	4.9	4.9	4.8	99	4.7	1	SSE	0.08	3	SSE	4.9	5.0	5.0	4.1	29.87	0.0	1.0	21	0.15	21	0	0.00	0.00	0.05	0.00	0.00	49	5.0	4.4	6.1	5.0	15	5
05/12/2018	11:10	4.9	4.9	4.9	99	4.7	0	SSE	0.00	3	SSE	4.9	5.0	5.0	4.1	29.87	0.2	1.0	22	0.16	25	0	0.00	0.00	0.05	0.00	0.00	49	5.0	5.0	6.1	5.0	15	5
05/12/2018	11:15	4.9	4.9	4.9	99	4.8	0	SSE	0.00	2	SSE	4.9	5.1	5.1	4.4	29.86	0.0	0.8	33	0.24	35	0	0.00	0.00	0.05	0.00	0.00	48	5.0	5.0	6.1	5.0	15	5
05/12/2018	11:20	4.9	4.9	4.9	99	4.8	1	SSE	0.08	2	SSE	4.9	5.1	5.1	4.4	29.86	0.2	1.2	32	0.23	33	0	0.00	0.00	0.05	0.00	0.00	48	5.0	5.0	6.1	5.0	15	5
05/12/2018	11:25	5.0	5.0	4.9	99	4.9	0	---	0.00	0	---	5.0	5.1	5.1	4.5	29.86	0.0	1.2	34	0.24	35	0	0.00	0.00	0.05	0.00	0.00	48	5.0	5.0	6.1	5.0	15	5
05/12/2018	11:30	5.1	5.1	5.0	99	4.9	0	SSE	0.00	2	SSE	5.1	5.2	5.2	4.4	29.86	0.2	1.2	28	0.20	30	0	0.00	0.00	0.05	0.00	0.00	48	5.0	5.0	6.1	5.0	15	5
05/12/2018	11:35	5.1	5.1	5.1	99	4.9	0	---	0.00	0	---	5.1	5.2	5.2	4.3	29.85	0.0	1.0	25	0.18	26	0	0.00	0.00	0.05	0.00	0.00	49	5.6	5.0	6.1	5.0	15	5
05/12/2018	11:40	5.1	5.1	5.1	99	5.0	1	SSE	0.08	3	SSE	5.1	5.2	5.2	4.6	29.84	0.2	1.2	32	0.23	37	0	0.00	0.00	0.05	0.00	0.00	49	5.6	5.0	6.1	5.0	15	5
05/12/2018	11:45	5.2	5.2	5.1	99	5.0	2	SSE	0.17	4	SSE	5.1	5.3	5.2	4.6	29.84	0.0	1.2	34	0.24	39	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.0	6.1	5.0	15	5
05/12/2018	11:50	5.2	5.2	5.2	99	5.0	0	SSE	0.00	2	SSE	5.2	5.3	5.3	4.5	29.83	0.0	1.0	27	0.19	28	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.0	6.1	5.0	15	5
05/12/2018	11:55	5.2	5.2	5.2	99	5.1	1	SSE	0.08	2	SSE	5.2	5.3	5.3	4.6	29.82	0.2	1.0	30	0.22	35	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.0	6.1	5.0	15	5
05/12/2018	12:00	5.3	5.3	5.2	99	5.1	1	SSE	0.08	2	SSE	5.3	5.4	5.4	4.8	29.82	0.0	1.0	33	0.24	35	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.0	6.1	5.6	15	5
05/12/2018	12:05	5.3	5.3	5.2	99	5.1	0	---	0.00	0	---	5.3	5.4	5.4	4.6	29.82	0.0	1.0	28	0.20	32	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	12:10	5.3	5.3	5.3	99	5.2	0	---	0.00	0	---	5.3	5.4	5.4	4.7	29.82	0.2	1.0	26	0.19	26	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	12:15	5.3	5.3	5.3	99	5.2	0	---	0.00	0	---	5.3	5.4	5.4	4.6	29.81	0.0	0.8	25	0.18	26	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	12:20	5.4	5.4	5.3	99	5.2	0	---	0.00	0	---	5.4	5.5	5.5	4.6	29.81	0.0	0.8	20	0.14	21	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.0	6.1	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
05/12/2018	12:25	5.4	5.4	5.3	99	5.2	0	---	0.00	0	---	5.4	5.5	5.5	4.7	29.81	0.2	0.8	25	0.18	28	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.0	6.1	5.6	15	5
05/12/2018	12:30	5.4	5.4	5.4	99	5.2	0	---	0.00	0	---	5.4	5.5	5.5	4.8	29.80	0.2	2.2	29	0.21	30	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	12:35	5.4	5.4	5.4	99	5.3	0	---	0.00	0	---	5.4	5.6	5.6	4.7	29.80	0.0	1.6	24	0.17	25	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	12:40	5.4	5.5	5.4	99	5.3	0	---	0.00	0	---	5.4	5.6	5.6	4.6	29.80	0.0	1.0	21	0.15	23	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	12:45	5.5	5.5	5.4	99	5.4	0	---	0.00	0	---	5.5	5.6	5.6	4.8	29.79	0.2	1.0	25	0.18	26	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	12:50	5.5	5.6	5.5	99	5.4	0	---	0.00	0	---	5.5	5.6	5.6	4.9	29.79	0.2	2.2	28	0.20	30	0	0.00	0.00	0.05	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	12:55	5.6	5.6	5.5	99	5.4	0	---	0.00	0	---	5.6	5.7	5.7	4.8	29.79	0.2	2.2	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	13:00	5.6	5.6	5.6	99	5.4	0	---	0.00	0	---	5.6	5.7	5.7	4.6	29.78	0.2	1.8	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	13:05	5.6	5.6	5.6	99	5.5	0	---	0.00	0	---	5.6	5.7	5.7	4.6	29.78	0.2	3.4	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	13	5
05/12/2018	13:10	5.7	5.7	5.6	99	5.5	0	---	0.00	0	---	5.7	5.8	5.8	4.7	29.78	0.2	3.8	14	0.10	18	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	12	5
05/12/2018	13:15	5.7	5.7	5.7	99	5.5	0	---	0.00	0	---	5.7	5.8	5.8	4.8	29.77	0.2	3.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	13	5
05/12/2018	13:20	5.7	5.7	5.7	99	5.5	0	---	0.00	0	---	5.7	5.8	5.8	4.7	29.77	0.2	2.4	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	13	5
05/12/2018	13:25	5.7	5.7	5.7	99	5.5	0	---	0.00	0	---	5.7	5.8	5.8	4.7	29.77	0.2	2.0	15	0.11	16	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	13	5
05/12/2018	13:30	5.7	5.7	5.7	99	5.5	0	---	0.00	0	---	5.7	5.8	5.8	4.7	29.76	0.0	1.6	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	13	5
05/12/2018	13:35	5.7	5.7	5.7	99	5.6	0	---	0.00	0	---	5.7	5.8	5.8	4.7	29.76	0.0	1.2	10	0.07	12	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	13	5
05/12/2018	13:40	5.7	5.7	5.7	99	5.6	0	---	0.00	0	---	5.7	5.8	5.8	4.6	29.75	0.0	0.8	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	13:45	5.7	5.7	5.7	99	5.6	0	---	0.00	0	---	5.7	5.8	5.8	4.8	29.75	0.2	0.8	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	13:50	5.8	5.8	5.7	99	5.6	0	---	0.00	0	---	5.8	5.9	5.9	4.8	29.75	0.2	1.8	13	0.09	16	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	13:55	5.7	5.8	5.7	99	5.6	0	---	0.00	0	---	5.7	5.8	5.8	4.7	29.74	0.0	1.4	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:00	5.7	5.8	5.7	99	5.6	0	---	0.00	0	---	5.7	5.8	5.8	4.7	29.74	0.0	0.8	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:05	5.8	5.8	5.7	99	5.6	0	---	0.00	0	---	5.8	5.9	5.9	4.7	29.74	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:10	5.8	5.8	5.8	99	5.6	0	---	0.00	0	---	5.8	5.9	5.9	4.7	29.74	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:15	5.8	5.8	5.7	99	5.6	0	---	0.00	0	---	5.8	5.9	5.9	4.8	29.73	0.2	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:20	5.8	5.8	5.7	99	5.6	0	---	0.00	0	---	5.8	5.9	5.9	4.7	29.73	0.0	0.0	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:25	5.8	5.8	5.7	99	5.6	0	---	0.00	0	---	5.8	5.9	5.9	4.7	29.73	0.0	0.0	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:30	5.8	5.8	5.8	99	5.6	0	---	0.00	0	---	5.8	5.9	5.9	4.8	29.73	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:35	5.8	5.8	5.8	99	5.6	0	---	0.00	0	---	5.8	5.9	5.9	4.7	29.73	0.0	0.0	9	0.06	11	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:40	5.8	5.8	5.8	99	5.6	0	SSE	0.00	3	SSE	5.8	5.9	5.9	4.7	29.73	0.0	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:45	5.8	5.8	5.8	99	5.6	2	SSE	0.17	4	SSE	5.8	5.9	5.9	4.7	29.72	0.2	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	14:50	5.8	5.8	5.8	99	5.6	1	SSE	0.08	3	SSE	5.8	5.9	5.9	4.7	29.72	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	14:55	5.8	5.8	5.8	99	5.7	2	SSE	0.17	4	SSE	5.8	5.9	5.9	4.7	29.72	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	15:00	5.8	5.8	5.8	99	5.7	2	SSE	0.17	4	SSE	5.8	5.9	5.9	4.4	29.72	0.2	0.8	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	15:05	5.8	5.8	5.8	99	5.7	2	SSE	0.17	4	SSE	5.8	5.9	5.9	4.4	29.72	0.0	0.8	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	15:10	5.9	5.9	5.8	99	5.7	2	SSE	0.17	4	SSE	5.9	6.0	6.0	4.4	29.72	0.0	0.8	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	15	5
05/12/2018	15:15	5.9	5.9	5.8	99	5.7	1	SSE	0.08	3	SSE	5.9	6.0	6.0	4.4	29.71	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	15:20	5.9	5.9	5.9	99	5.7	3	SSE	0.25	4	SSE	5.2	6.0	5.3	3.7	29.72	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	5.6	14	5
05/12/2018	15:25	5.9	5.9	5.9	99	5.8	2	SSE	0.17	4	SSE	5.9	6.1	6.1	4.4	29.72	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	6.1	14	5
05/12/2018	15:30	5.9	5.9	5.9	99	5.8	1	SSE	0.08	3	SSE	5.9	6.1	6.1	4.4	29.71	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	6.1	14	5
05/12/2018	15:35	6.0	6.0	5.9	99	5.9	1	SSE	0.08	3	SSE	6.0	6.1	6.1	4.5	29.72	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	6.1	14	5
05/12/2018	15:40	6.1	6.1	6.0	99	5.9	2	SSE	0.17	3	SSE	6.1	6.2	6.2	4.6	29.72	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	6.1	14	5
05/12/2018	15:45	6.1	6.2	6.1	99	6.0	3	SSE	0.25	7	SSE	5.4	6.3	5.6	4.0	29.71	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	5.6	5.6	6.1	6.1	14	5
05/12/2018	15:50	6.2	6.2	6.1	99	6.1	6	SSE	0.50	9	SSE	4.2	6.4	4.3	2.7	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	5.6	6.1	6.7	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
05/12/2018	15:55	6.4	6.4	6.3	99	6.3	8	S	0.67	11	S	3.8	6.6	4.0	2.5	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	6.1	6.1	7.2	14	5
05/12/2018	16:00	6.8	6.8	6.4	100	6.8	7	S	0.58	14	SSW	4.7	7.1	4.9	3.3	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	6.1	6.1	7.8	14	5
05/12/2018	16:05	7.2	7.2	6.9	100	7.2	2	S	0.17	6	S	7.2	7.4	7.4	5.8	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	6.1	6.1	7.8	14	5
05/12/2018	16:10	7.3	7.3	7.2	99	7.1	3	S	0.25	8	S	6.7	7.5	6.9	5.3	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	6.1	6.1	7.2	14	5
05/12/2018	16:15	7.3	7.3	7.3	99	7.2	5	S	0.42	8	S	5.8	7.6	6.1	4.4	29.70	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	5.6	6.1	6.1	7.2	14	5
05/12/2018	16:20	7.4	7.4	7.3	99	7.2	5	S	0.42	9	S	5.9	7.6	6.2	4.6	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.1	6.1	6.1	7.2	14	5
05/12/2018	16:25	7.4	7.4	7.4	99	7.3	5	SSW	0.42	8	SSW	6.0	7.7	6.2	4.7	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.1	6.1	6.1	7.2	14	5
05/12/2018	16:30	7.5	7.6	7.4	99	7.4	8	SSW	0.67	14	SSW	5.1	7.7	5.3	3.8	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.1	6.1	6.1	7.2	14	5
05/12/2018	16:35	7.6	7.6	7.6	99	7.5	8	SW	0.67	13	SSW	5.2	7.8	5.4	3.9	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.1	6.1	6.1	7.8	14	5
05/12/2018	16:40	7.7	7.7	7.6	100	7.7	8	SW	0.67	13	SW	5.4	7.9	5.6	4.1	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.1	6.7	6.1	7.8	14	5
05/12/2018	16:45	7.9	7.9	7.7	100	7.9	8	SW	0.67	12	SW	5.6	8.1	5.8	4.3	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.1	6.7	6.1	8.3	14	5
05/12/2018	16:50	8.1	8.1	7.9	99	7.9	7	SW	0.58	11	SW	6.1	8.3	6.3	4.8	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.1	6.7	6.1	8.3	14	5
05/12/2018	16:55	8.2	8.2	8.1	100	8.2	6	SW	0.50	9	SW	6.6	8.5	6.9	5.3	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.1	6.7	6.1	8.3	14	5
05/12/2018	17:00	8.4	8.4	8.2	99	8.2	8	SW	0.67	13	SW	6.1	8.7	6.4	4.9	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.1	6.7	6.1	8.3	15	5
05/12/2018	17:05	8.6	8.6	8.4	100	8.6	9	SW	0.75	14	SW	6.0	8.8	6.3	4.9	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	6.7	6.1	8.9	15	5
05/12/2018	17:10	8.7	8.7	8.6	100	8.7	10	SW	0.83	14	SW	5.9	9.1	6.2	4.9	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	6.7	6.1	8.9	15	5
05/12/2018	17:15	8.9	8.9	8.7	100	8.9	10	SW	0.83	16	SW	6.1	9.2	6.4	5.1	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	8.9	15	5
05/12/2018	17:20	9.0	9.0	8.9	100	9.0	8	SW	0.67	14	SW	6.8	9.3	7.2	5.7	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	6.7	6.1	8.9	15	5
05/12/2018	17:25	9.0	9.0	9.0	99	8.9	6	SW	0.50	11	SW	7.5	9.3	7.8	6.3	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	6.7	6.1	8.9	15	5
05/12/2018	17:30	9.0	9.0	9.0	99	8.9	5	SW	0.42	11	SW	7.8	9.3	8.2	6.7	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	6.7	6.1	8.9	15	5
05/12/2018	17:35	9.0	9.0	9.0	99	8.9	7	SW	0.58	11	SW	7.2	9.3	7.6	6.1	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	8.9	15	5
05/12/2018	17:40	8.9	9.0	8.9	99	8.8	8	SSW	0.67	11	SSW	6.8	9.3	7.1	5.7	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	6.7	6.1	8.9	15	5
05/12/2018	17:45	8.9	9.0	8.9	99	8.8	8	SW	0.67	12	SW	6.8	9.3	7.1	5.7	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	8.9	15	5
05/12/2018	17:50	9.0	9.0	8.9	99	8.9	8	SW	0.67	11	SW	6.8	9.3	7.2	5.7	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	8.9	15	5
05/12/2018	17:55	9.1	9.1	9.0	99	8.9	9	SSW	0.75	12	SSW	6.6	9.4	6.9	5.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	8.9	15	5
05/12/2018	18:00	9.1	9.1	9.1	100	9.1	9	SSW	0.75	13	SSW	6.7	9.4	7.0	5.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:05	9.2	9.2	9.1	100	9.2	10	SSW	0.83	15	SSW	6.5	9.6	6.8	5.5	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:10	9.3	9.3	9.2	100	9.3	9	SW	0.75	13	SSW	6.8	9.6	7.2	5.8	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:15	9.3	9.3	9.2	100	9.3	9	SSW	0.75	15	SSW	6.8	9.6	7.2	5.8	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:20	9.3	9.3	9.3	100	9.3	7	SW	0.58	11	SSW	7.6	9.6	7.9	6.4	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:25	9.3	9.3	9.3	100	9.3	7	SW	0.58	12	SSW	7.6	9.6	7.9	6.4	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:30	9.3	9.3	9.3	100	9.3	8	SW	0.67	11	SSW	7.2	9.6	7.5	6.1	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:35	9.3	9.3	9.3	100	9.3	8	SSW	0.67	12	SSW	7.2	9.6	7.5	6.1	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:40	9.3	9.3	9.3	100	9.3	8	SSW	0.67	13	SSW	7.3	9.7	7.6	6.2	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:45	9.3	9.3	9.3	100	9.3	7	SW	0.58	11	SSW	7.7	9.7	8.0	6.5	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:50	9.3	9.4	9.3	100	9.3	8	SW	0.67	12	SW	7.3	9.7	7.6	6.2	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	18:55	9.3	9.3	9.3	100	9.3	8	SW	0.67	14	WSW	7.3	9.7	7.6	6.2	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	19:00	9.4	9.4	9.3	100	9.4	8	SW	0.67	14	WSW	7.4	9.8	7.7	6.3	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	19:05	9.6	9.6	9.4	100	9.6	6	WSW	0.50	14	SSW	8.2	9.9	8.5	7.0	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	19:10	9.6	9.6	9.5	100	9.6	5	WSW	0.42	11	SW	8.6	9.9	8.9	7.4	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	19:15	9.7	9.7	9.6	100	9.7	5	WSW	0.42	9	SW	8.6	10.0	8.9	7.4	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5
05/12/2018	19:20	9.7	9.7	9.7	100	9.7	5	WSW	0.42	11	W	8.6	10.0	8.9	7.4	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	9.4	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
05/12/2018	19:25	9.7	9.8	9.7	100	9.7	5	WSW	0.42	9	WSW	8.7	10.1	9.1	7.6	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	10.0	15	5
05/12/2018	19:30	9.8	9.8	9.7	100	9.8	6	WSW	0.50	12	SSW	8.5	10.2	8.9	7.4	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.8	6.1	10.0	15	5
05/12/2018	19:35	9.9	9.9	9.8	100	9.9	7	SW	0.58	10	WSW	8.3	10.3	8.7	7.2	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.1	7.2	6.1	10.0	15	5
05/12/2018	19:40	9.9	9.9	9.9	100	9.9	6	SW	0.50	9	SW	8.7	10.3	9.1	7.6	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.1	7.8	6.1	10.6	15	5
05/12/2018	19:45	10.1	10.1	9.9	100	10.1	6	SW	0.50	12	SW	8.8	10.4	9.2	7.7	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.1	7.8	6.1	10.6	15	5
05/12/2018	19:50	10.1	10.1	10.1	100	10.1	7	SW	0.58	11	SSW	8.6	10.5	8.9	7.5	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.1	8.3	6.1	10.6	15	5
05/12/2018	19:55	10.1	10.1	10.1	100	10.1	7	SW	0.58	11	SSW	8.6	10.5	8.9	7.5	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.1	8.3	6.1	10.6	15	5
05/12/2018	20:00	10.1	10.2	10.1	100	10.1	6	SW	0.50	9	WSW	8.8	10.5	9.2	7.8	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.1	7.8	6.1	10.6	15	5
05/12/2018	20:05	10.1	10.1	10.1	100	10.1	7	SW	0.58	10	SW	8.6	10.5	8.9	7.2	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.1	8.3	6.1	10.0	15	5
05/12/2018	20:10	10.1	10.1	10.1	100	10.1	7	WSW	0.58	10	SW	8.6	10.5	8.9	7.2	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.1	7.8	6.1	10.0	15	5
05/12/2018	20:15	10.2	10.2	10.1	100	10.2	7	WSW	0.58	12	SSW	8.7	10.6	9.1	7.3	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.1	10.6	15	5
05/12/2018	20:20	10.2	10.2	10.2	100	10.2	6	WSW	0.50	11	WSW	9.0	10.6	9.4	7.6	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	8.3	6.1	10.6	15	5
05/12/2018	20:25	10.3	10.3	10.2	100	10.3	5	SW	0.42	10	W	9.3	10.7	9.7	7.9	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	8.3	6.1	10.6	15	5
05/12/2018	20:30	10.3	10.3	10.3	100	10.3	4	W	0.33	9	WSW	9.8	10.7	10.1	8.3	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	8.3	6.1	10.6	15	5
05/12/2018	20:35	10.4	10.4	10.3	100	10.4	3	WNW	0.25	7	WNW	10.3	10.7	10.6	8.8	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	8.3	6.1	10.6	15	5
05/12/2018	20:40	10.4	10.4	10.4	100	10.4	4	WNW	0.33	10	WSW	9.8	10.7	10.2	8.4	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.1	10.6	15	5
05/12/2018	20:45	10.4	10.4	10.3	100	10.4	6	WSW	0.50	11	WSW	9.2	10.7	9.5	7.7	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
05/12/2018	20:50	10.4	10.4	10.3	100	10.4	6	SW	0.50	9	WSW	9.2	10.7	9.5	7.7	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.6	15	5
05/12/2018	20:55	10.4	10.4	10.3	100	10.4	5	WSW	0.42	9	SW	9.4	10.7	9.8	8.0	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
05/12/2018	21:00	10.3	10.4	10.3	100	10.3	5	SW	0.42	9	WSW	9.4	10.7	9.7	7.9	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.6	15	5
05/12/2018	21:05	10.4	10.4	10.3	100	10.4	3	WSW	0.25	8	WSW	10.3	10.7	10.6	8.8	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.6	15	5
05/12/2018	21:10	10.4	10.4	10.3	100	10.4	4	WSW	0.33	8	WSW	9.8	10.7	10.2	8.4	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.6	15	5
05/12/2018	21:15	10.4	10.4	10.4	100	10.4	3	WSW	0.25	7	WSW	10.3	10.7	10.6	8.8	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.6	15	5
05/12/2018	21:20	10.4	10.4	10.4	100	10.4	2	WSW	0.17	4	WSW	10.4	10.7	10.7	8.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.6	15	5
05/12/2018	21:25	10.4	10.4	10.4	100	10.4	2	WSW	0.17	4	WSW	10.4	10.7	10.7	8.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
05/12/2018	21:30	10.4	10.4	10.4	100	10.4	1	WSW	0.08	3	WSW	10.4	10.7	10.7	8.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
05/12/2018	21:35	10.3	10.4	10.3	100	10.3	0	WSW	0.00	2	WSW	10.3	10.7	10.7	8.9	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.2	6.7	10.0	15	5
05/12/2018	21:40	10.3	10.4	10.3	100	10.3	1	WSW	0.08	3	WSW	10.3	10.7	10.7	8.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	10.0	15	5
05/12/2018	21:45	10.3	10.3	10.3	100	10.3	3	WSW	0.25	7	W	10.2	10.7	10.6	8.8	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
05/12/2018	21:50	10.3	10.3	10.2	100	10.3	3	W	0.25	10	W	10.2	10.7	10.6	8.8	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
05/12/2018	21:55	10.2	10.3	10.2	100	10.2	5	W	0.42	11	W	9.3	10.6	9.7	7.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.6	15	5
05/12/2018	22:00	10.2	10.2	10.2	100	10.2	5	W	0.42	12	W	9.3	10.6	9.7	7.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	8.3	6.7	10.6	15	5
05/12/2018	22:05	10.3	10.3	10.2	100	10.3	0	W	0.00	3	W	10.3	10.7	10.7	8.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
05/12/2018	22:10	10.3	10.3	10.3	100	10.3	0	---	0.00	0	---	10.3	10.7	10.7	8.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
05/12/2018	22:15	10.3	10.3	10.3	99	10.1	1	W	0.08	5	W	10.3	10.6	10.6	8.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
05/12/2018	22:20	10.2	10.3	10.2	99	10.1	2	W	0.17	5	W	10.2	10.6	10.6	8.8	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	10.0	15	5
05/12/2018	22:25	10.2	10.2	10.2	100	10.2	2	W	0.17	5	W	10.2	10.6	10.6	8.8	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
05/12/2018	22:30	10.2	10.2	10.2	100	10.2	1	W	0.08	4	W	10.2	10.6	10.6	8.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
05/12/2018	22:35	10.2	10.2	10.2	100	10.2	4	WSW	0.33	6	W	9.6	10.6	9.9	8.2	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
05/12/2018	22:40	10.2	10.2	10.1	100	10.2	5	WSW	0.42	7	WSW	9.2	10.6	9.6	7.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	8.3	6.7	10.0	15	5
05/12/2018	22:45	10.1	10.2	10.1	100	10.1	4	SSW	0.33	9	SSW	9.5	10.5	9.9	8.1	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	8.3	6.7	10.0	15	5
05/12/2018	22:50	10.1	10.2	10.1	100	10.1	3	SSW	0.25	7	SSW	9.9	10.5	10.3	8.6	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	8.3	6.7	10.0	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
05/12/2018	22:55	10.1	10.1	10.1	100	10.1	3	SSW	0.25	9	SSW	9.9	10.4	10.3	8.5	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	8.3	6.7	10.0	15	5
05/12/2018	23:00	10.1	10.1	10.1	99	9.9	3	SSW	0.25	6	SSW	9.9	10.4	10.3	8.5	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
05/12/2018	23:05	10.1	10.1	10.1	99	9.9	1	SSW	0.08	5	SSW	10.1	10.4	10.4	8.7	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
05/12/2018	23:10	10.0	10.1	10.0	99	9.9	2	SSW	0.17	8	SSW	10.0	10.4	10.4	8.6	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
05/12/2018	23:15	9.9	10.0	9.9	99	9.8	5	WNW	0.42	12	WNW	8.9	10.3	9.3	7.6	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
05/12/2018	23:20	9.9	10.0	9.9	99	9.8	3	SW	0.25	9	SW	9.8	10.3	10.2	8.4	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.2	6.7	9.4	15	5
05/12/2018	23:25	9.9	9.9	9.9	99	9.7	5	W	0.42	10	SW	8.9	10.2	9.2	7.4	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
05/12/2018	23:30	9.9	9.9	9.9	99	9.7	6	W	0.50	16	WSW	8.6	10.2	8.9	7.2	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
05/12/2018	23:35	9.9	9.9	9.9	99	9.7	3	S	0.25	7	S	9.7	10.2	10.1	8.3	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
05/12/2018	23:40	9.9	9.9	9.8	99	9.7	1	S	0.08	6	S	9.9	10.2	10.2	8.4	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	6.7	6.7	9.4	15	5
05/12/2018	23:45	9.8	9.8	9.8	99	9.6	2	S	0.17	4	S	9.8	10.1	10.1	8.3	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	6.7	6.7	9.4	15	5
05/12/2018	23:50	9.8	9.8	9.7	99	9.6	4	S	0.33	14	SSW	9.1	10.1	9.4	7.7	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
05/12/2018	23:55	9.7	9.7	9.7	99	9.6	4	WSW	0.33	9	SW	9.1	10.1	9.4	7.6	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
06/12/2018	00:00	9.7	9.7	9.7	99	9.6	5	SW	0.42	15	W	8.7	10.1	9.0	7.2	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
06/12/2018	00:05	9.7	9.7	9.7	99	9.6	6	SW	0.50	10	SSW	8.4	10.1	8.7	6.9	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
06/12/2018	00:10	9.7	9.7	9.7	99	9.5	5	SW	0.42	9	SW	8.6	10.0	8.9	7.2	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
06/12/2018	00:15	9.7	9.7	9.7	99	9.5	6	WSW	0.50	15	SW	8.3	10.0	8.7	6.9	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
06/12/2018	00:20	9.7	9.7	9.7	99	9.5	7	W	0.58	16	W	8.1	10.0	8.4	6.6	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
06/12/2018	00:25	9.6	9.7	9.6	99	9.5	7	WSW	0.58	16	W	8.0	9.9	8.3	6.6	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	6.7	6.7	9.4	15	5
06/12/2018	00:30	9.6	9.7	9.6	99	9.5	7	W	0.58	15	W	8.0	9.9	8.3	6.6	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	6.7	6.7	9.4	15	5
06/12/2018	00:35	9.6	9.6	9.6	99	9.5	7	W	0.58	16	W	8.0	9.9	8.3	6.6	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
06/12/2018	00:40	9.7	9.7	9.6	99	9.5	12	W	1.00	24	WNW	6.4	10.0	6.8	5.3	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	6.7	9.4	15	5
06/12/2018	00:45	9.8	9.8	9.7	99	9.6	9	W	0.75	14	W	7.4	10.1	7.8	6.2	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
06/12/2018	00:50	9.8	9.8	9.8	99	9.7	8	W	0.67	14	W	7.8	10.2	8.2	6.5	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
06/12/2018	00:55	9.8	9.9	9.8	99	9.7	6	W	0.50	12	W	8.5	10.2	8.8	7.1	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	9.4	15	5
06/12/2018	01:00	9.8	9.9	9.8	99	9.7	7	W	0.58	13	W	8.2	10.2	8.6	6.8	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	9.4	15	5
06/12/2018	01:05	9.9	9.9	9.8	99	9.7	7	WSW	0.58	14	W	8.3	10.2	8.7	6.9	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
06/12/2018	01:10	9.8	9.9	9.8	99	9.7	6	W	0.50	13	W	8.5	10.2	8.8	7.1	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	9.4	15	5
06/12/2018	01:15	9.8	9.9	9.8	99	9.7	7	W	0.58	17	W	8.2	10.2	8.6	6.8	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	10.0	15	5
06/12/2018	01:20	9.8	9.9	9.8	99	9.7	6	W	0.50	15	W	8.5	10.2	8.8	7.1	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	9.4	15	5
06/12/2018	01:25	9.8	9.9	9.8	99	9.7	6	W	0.50	16	SSW	8.5	10.2	8.8	7.1	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.8	6.7	9.4	15	5
06/12/2018	01:30	9.8	9.8	9.8	99	9.7	5	W	0.42	14	W	8.8	10.2	9.1	7.3	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
06/12/2018	01:35	9.8	9.8	9.8	99	9.7	7	W	0.58	15	SW	8.2	10.2	8.6	6.8	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	8.3	6.7	10.0	15	5
06/12/2018	01:40	9.9	9.9	9.8	99	9.7	5	W	0.42	10	W	8.9	10.2	9.2	7.4	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	8.3	6.7	10.0	15	5
06/12/2018	01:45	9.9	9.9	9.8	99	9.7	5	W	0.42	10	W	8.9	10.2	9.2	7.4	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
06/12/2018	01:50	9.9	9.9	9.9	99	9.7	7	W	0.58	16	W	8.3	10.2	8.7	6.9	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	6.7	7.8	6.7	10.0	15	5
06/12/2018	01:55	9.9	9.9	9.9	99	9.7	8	W	0.67	16	W	7.9	10.2	8.3	6.6	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	15	5
06/12/2018	02:00	9.9	9.9	9.9	99	9.7	9	W	0.75	17	W	7.6	10.2	7.9	6.3	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	14	5
06/12/2018	02:05	9.8	9.9	9.8	99	9.7	9	W	0.75	15	WNW	7.5	10.2	7.8	6.2	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	14	5
06/12/2018	02:10	9.8	9.8	9.8	99	9.6	7	W	0.58	14	W	8.2	10.1	8.5	6.7	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	14	5
06/12/2018	02:15	9.8	9.8	9.8	99	9.6	8	W	0.67	17	W	7.8	10.1	8.1	6.4	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	14	5
06/12/2018	02:20	9.8	9.8	9.8	99	9.6	8	W	0.67	16	W	7.8	10.1	8.1	6.4	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	13	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
06/12/2018	02:25	9.8	9.8	9.8	99	9.6	7	W	0.58	18	W	8.2	10.1	8.5	6.7	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	13	5
06/12/2018	02:30	9.8	9.8	9.8	99	9.6	8	W	0.67	18	SW	7.8	10.1	8.1	6.4	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	13	5
06/12/2018	02:35	9.7	9.8	9.7	98	9.4	6	W	0.50	13	W	8.4	10.1	8.7	6.9	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	12	5
06/12/2018	02:40	9.7	9.8	9.7	98	9.4	8	WSW	0.67	17	WSW	7.7	10.1	8.1	6.3	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	12	5
06/12/2018	02:45	9.6	9.7	9.6	98	9.3	8	SW	0.67	16	SW	7.6	9.9	7.9	6.2	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	12	5
06/12/2018	02:50	9.6	9.6	9.6	98	9.3	6	W	0.50	14	WNW	8.2	9.9	8.5	6.7	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	9.4	12	5
06/12/2018	02:55	9.4	9.6	9.4	98	9.1	5	WSW	0.42	14	WSW	8.3	9.8	8.7	6.8	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	8.9	12	5
06/12/2018	03:00	9.4	9.5	9.4	98	9.1	3	W	0.25	7	WNW	9.2	9.8	9.5	7.7	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.9	12	5
06/12/2018	03:05	9.4	9.4	9.4	98	9.1	2	W	0.17	7	W	9.4	9.7	9.7	7.9	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.9	12	5
06/12/2018	03:10	9.3	9.4	9.3	98	9.0	2	W	0.17	5	W	9.3	9.7	9.7	7.8	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.3	12	5
06/12/2018	03:15	9.3	9.3	9.3	98	9.0	4	WSW	0.33	6	WSW	8.6	9.7	8.9	7.1	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	8.9	12	5
06/12/2018	03:20	9.3	9.3	9.3	98	9.0	3	SW	0.25	5	WSW	9.0	9.6	9.3	7.4	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.9	12	5
06/12/2018	03:25	9.2	9.3	9.2	98	8.9	3	WSW	0.25	6	WSW	8.9	9.5	9.2	7.4	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.9	12	5
06/12/2018	03:30	9.2	9.2	9.2	98	8.9	4	SW	0.33	8	SW	8.4	9.4	8.7	6.9	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.9	13	5
06/12/2018	03:35	9.2	9.2	9.2	98	8.9	4	W	0.33	9	W	8.4	9.4	8.7	6.9	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.9	13	5
06/12/2018	03:40	9.1	9.2	9.1	98	8.8	4	WSW	0.33	7	SSW	8.3	9.4	8.6	6.8	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.9	13	5
06/12/2018	03:45	9.1	9.1	9.1	98	8.8	5	SW	0.42	8	SW	7.9	9.4	8.2	6.4	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	8.9	13	5
06/12/2018	03:50	9.2	9.2	9.1	98	8.9	7	WSW	0.58	12	WSW	7.4	9.4	7.7	5.9	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	8.9	12	5
06/12/2018	03:55	9.2	9.2	9.1	98	8.9	6	SW	0.50	14	SW	7.7	9.4	8.0	6.2	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	9.4	12	5
06/12/2018	04:00	9.2	9.2	9.2	98	8.9	6	W	0.50	13	WNW	7.8	9.5	8.1	6.2	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	9.4	12	5
06/12/2018	04:05	9.2	9.2	9.2	98	8.9	7	W	0.58	12	W	7.5	9.5	7.8	5.9	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	9.4	12	5
06/12/2018	04:10	9.3	9.3	9.2	98	9.0	7	SW	0.58	12	SSW	7.6	9.6	7.8	6.0	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	12	5
06/12/2018	04:15	9.3	9.3	9.3	98	9.0	6	SW	0.50	11	SW	7.9	9.7	8.3	6.4	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	12	5
06/12/2018	04:20	9.3	9.4	9.3	98	9.0	6	SW	0.50	13	SSW	7.9	9.7	8.3	6.4	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	11	5
06/12/2018	04:25	9.4	9.4	9.4	98	9.1	6	SW	0.50	11	WSW	8.0	9.7	8.3	6.5	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	11	5
06/12/2018	04:30	9.4	9.4	9.4	98	9.1	5	WSW	0.42	9	SW	8.3	9.8	8.7	6.8	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	10	5
06/12/2018	04:35	9.5	9.5	9.4	98	9.2	6	SW	0.50	12	SSW	8.1	9.8	8.4	6.6	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	10.0	9	5
06/12/2018	04:40	9.6	9.6	9.5	98	9.3	7	SW	0.58	16	SSW	7.9	9.9	8.2	6.4	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	10.0	8	5
06/12/2018	04:45	9.7	9.7	9.6	98	9.4	6	SW	0.50	16	SSW	8.3	10.0	8.7	6.8	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	10.0	6	5
06/12/2018	04:50	9.7	9.7	9.7	98	9.4	8	SW	0.67	13	W	7.7	10.1	8.1	6.3	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	4	5
06/12/2018	04:55	9.8	9.8	9.7	98	9.5	9	SW	0.75	14	SSW	7.4	10.1	7.8	6.2	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	3	5
06/12/2018	05:00	9.8	9.8	9.8	98	9.5	8	SW	0.67	15	SSW	7.8	10.2	8.2	6.5	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	10.0	2	5
06/12/2018	05:05	9.8	9.8	9.8	98	9.5	7	SW	0.58	11	WSW	8.2	10.2	8.6	6.8	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	2	5
06/12/2018	05:10	9.8	9.8	9.8	98	9.5	7	SW	0.58	12	SW	8.2	10.2	8.6	6.8	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	1	5
06/12/2018	05:15	9.8	9.8	9.8	98	9.5	8	SW	0.67	13	WSW	7.8	10.1	8.1	6.4	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	1	5
06/12/2018	05:20	9.8	9.8	9.8	98	9.5	8	SW	0.67	15	WSW	7.8	10.1	8.1	6.4	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	1	5
06/12/2018	05:25	9.8	9.8	9.8	98	9.5	10	SW	0.83	16	SW	7.1	10.1	7.4	5.9	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	1	5
06/12/2018	05:30	9.8	9.8	9.8	98	9.5	9	SW	0.75	15	SW	7.4	10.1	7.8	6.2	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	1	5
06/12/2018	05:35	9.8	9.8	9.7	98	9.5	10	SW	0.83	19	WSW	7.1	10.1	7.4	5.9	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	1	5
06/12/2018	05:40	9.8	9.8	9.7	98	9.5	13	SW	1.08	23	WSW	6.3	10.1	6.7	5.3	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	1	5
06/12/2018	05:45	9.8	9.8	9.7	98	9.5	12	SW	1.00	25	W	6.6	10.1	6.9	5.5	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	9.4	0	5
06/12/2018	05:50	9.8	9.8	9.8	98	9.5	15	WSW	1.25	24	WSW	6.0	10.1	6.3	5.0	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	10.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
06/12/2018	05:55	9.8	9.8	9.8	98	9.5	14	SW	1.17	27	W	6.2	10.2	6.6	5.2	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	10.0	0	5
06/12/2018	06:00	9.9	9.9	9.8	98	9.6	14	WSW	1.17	28	SSW	6.3	10.2	6.6	5.2	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	10.0	0	5
06/12/2018	06:05	9.9	9.9	9.9	98	9.6	14	SW	1.17	24	WSW	6.3	10.2	6.6	5.2	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	06:10	9.9	9.9	9.9	98	9.6	14	WSW	1.17	22	WSW	6.3	10.3	6.7	5.3	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	06:15	10.0	10.0	9.9	98	9.7	15	SW	1.25	26	SSW	6.2	10.3	6.6	5.2	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	06:20	10.1	10.1	10.0	98	9.8	12	SW	1.00	20	W	6.9	10.4	7.2	5.8	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	06:25	10.1	10.1	10.0	98	9.8	10	SW	0.83	17	W	7.4	10.4	7.8	6.2	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	06:30	10.1	10.1	10.1	98	9.8	10	SW	0.83	17	WSW	7.4	10.4	7.8	6.2	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	06:35	10.1	10.1	10.1	98	9.8	10	SW	0.83	17	WSW	7.5	10.4	7.8	6.3	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	06:40	10.1	10.1	10.1	98	9.8	11	SW	0.92	17	SW	7.2	10.4	7.6	6.1	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	06:45	10.1	10.1	10.1	98	9.8	11	SW	0.92	19	WSW	7.2	10.4	7.6	6.1	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	06:50	10.2	10.2	10.1	98	9.9	11	SW	0.92	18	SW	7.3	10.5	7.6	6.1	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	06:55	10.1	10.1	10.1	98	9.8	10	SW	0.83	16	WSW	7.5	10.4	7.8	6.3	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	07:00	10.1	10.1	10.1	97	9.7	10	SW	0.83	16	SSW	7.5	10.4	7.8	6.3	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	07:05	10.1	10.1	10.1	97	9.7	9	SW	0.75	17	WSW	7.8	10.4	8.2	6.6	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	07:10	10.1	10.2	10.1	97	9.7	9	SW	0.75	16	SSW	7.8	10.4	8.2	6.6	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.0	0	5
06/12/2018	07:15	10.2	10.2	10.1	97	9.7	8	SW	0.67	16	W	8.3	10.5	8.6	6.9	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	07:20	10.2	10.2	10.1	97	9.7	9	SW	0.75	18	WSW	7.9	10.5	8.3	6.7	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	7.2	8.3	6.7	10.0	0	5
06/12/2018	07:25	10.2	10.2	10.2	97	9.7	7	SSW	0.58	15	SSW	8.7	10.5	9.0	7.2	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	7.2	8.3	6.7	10.6	0	5
06/12/2018	07:30	10.2	10.2	10.2	97	9.7	6	SSW	0.50	13	SSW	8.9	10.5	9.3	7.5	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	07:35	10.2	10.2	10.2	97	9.7	7	SSW	0.58	16	WSW	8.7	10.5	9.0	7.2	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	07:40	10.2	10.2	10.2	97	9.7	8	SW	0.67	14	SSW	8.3	10.5	8.6	6.9	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	07:45	10.2	10.2	10.2	97	9.8	8	WSW	0.67	13	SSW	8.3	10.5	8.6	6.9	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	07:50	10.2	10.2	10.2	97	9.8	8	SW	0.67	16	SW	8.3	10.5	8.6	6.9	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	07:55	10.3	10.3	10.2	97	9.8	10	SW	0.83	17	SW	7.7	10.6	8.0	6.4	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	08:00	10.3	10.3	10.2	97	9.8	10	SW	0.83	16	WSW	7.7	10.6	8.0	6.4	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	10.6	0	5
06/12/2018	08:05	10.3	10.3	10.3	96	9.7	11	SW	0.92	17	WSW	7.4	10.6	7.7	6.2	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	7.2	8.3	6.7	10.6	0	5
06/12/2018	08:10	10.3	10.3	10.3	96	9.7	13	SW	1.08	22	SW	6.9	10.6	7.2	5.8	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	7.2	8.3	6.7	10.6	0	5
06/12/2018	08:15	10.3	10.3	10.3	96	9.7	15	SW	1.25	28	WSW	6.6	10.6	6.8	5.5	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	7.2	8.3	6.7	10.6	0	5
06/12/2018	08:20	10.3	10.3	10.3	96	9.7	14	SW	1.17	25	WSW	6.8	10.6	7.1	5.7	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.0	0	5
06/12/2018	08:25	10.3	10.3	10.3	96	9.7	14	SW	1.17	22	SSW	6.8	10.6	7.1	5.7	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.0	0	5
06/12/2018	08:30	10.3	10.3	10.3	96	9.7	14	SW	1.17	23	WSW	6.7	10.6	7.0	5.6	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.0	0	5
06/12/2018	08:35	10.3	10.3	10.3	96	9.7	13	SW	1.08	21	SW	6.9	10.6	7.2	5.8	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.0	0	5
06/12/2018	08:40	10.3	10.3	10.3	96	9.7	13	SW	1.08	20	SSW	6.9	10.6	7.2	5.8	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	6.7	10.0	0	5
06/12/2018	08:45	10.3	10.3	10.3	96	9.7	14	SW	1.17	21	SW	6.7	10.6	7.0	5.6	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	6.7	10.6	0	5
06/12/2018	08:50	10.3	10.3	10.3	96	9.7	13	SW	1.08	22	SSW	6.9	10.6	7.2	5.8	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	6.7	10.6	0	5
06/12/2018	08:55	10.3	10.3	10.3	96	9.7	11	SW	0.92	18	SSW	7.4	10.6	7.7	6.2	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	6.7	10.6	0	5
06/12/2018	09:00	10.3	10.3	10.3	96	9.7	12	SW	1.00	20	SSW	7.2	10.6	7.5	6.1	29.79	0.0	0.0	5	0.04	7	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	7.2	10.6	0	5
06/12/2018	09:05	10.3	10.3	10.3	96	9.7	12	SW	1.00	20	SSW	7.2	10.6	7.5	6.1	29.79	0.0	0.0	7	0.05	9	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	7.2	10.6	0	5
06/12/2018	09:10	10.4	10.4	10.3	96	9.8	12	SW	1.00	18	WSW	7.3	10.7	7.6	6.2	29.79	0.0	0.0	9	0.06	9	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	7.2	10.6	0	5
06/12/2018	09:15	10.4	10.4	10.4	96	9.8	11	SW	0.92	19	SW	7.6	10.7	7.9	6.4	29.79	0.0	0.0	9	0.06	11	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	7.2	10.6	0	5
06/12/2018	09:20	10.4	10.4	10.4	96	9.8	11	SW	0.92	18	WSW	7.6	10.7	7.9	6.4	29.79	0.0	0.0	9	0.06	9	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	7.2	10.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
06/12/2018	09:25	10.5	10.5	10.4	96	9.9	11	SW	0.92	20	SSW	7.7	10.8	7.9	6.6	29.79	0.0	0.0	11	0.08	11	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	7.2	10.6	0	5
06/12/2018	09:30	10.6	10.6	10.5	96	9.9	11	SW	0.92	20	SW	7.7	10.8	7.9	6.6	29.79	0.0	0.0	11	0.08	12	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	10.6	0	5
06/12/2018	09:35	10.6	10.6	10.6	96	9.9	12	SW	1.00	21	SSW	7.4	10.8	7.7	6.3	29.79	0.0	0.0	11	0.08	11	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	7.2	10.6	0	5
06/12/2018	09:40	10.6	10.6	10.6	96	10.0	12	SW	1.00	18	WSW	7.5	10.8	7.7	6.9	29.79	0.0	0.0	11	0.08	11	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	7.2	10.6	1	5
06/12/2018	09:45	10.6	10.7	10.6	96	10.0	10	SW	0.83	20	SW	8.1	10.8	8.3	7.5	29.79	0.0	0.0	12	0.09	14	0	0.00	0.00	0.03	0.00	0.00	46	7.8	8.9	7.2	10.6	3	5
06/12/2018	09:50	10.7	10.7	10.6	96	10.1	11	SW	0.92	18	WSW	7.8	10.9	8.1	7.3	29.78	0.0	0.0	16	0.11	18	0	0.00	0.00	0.03	0.00	0.00	45	7.8	8.9	7.2	10.6	4	5
06/12/2018	09:55	10.7	10.7	10.7	96	10.1	12	SW	1.00	22	SW	7.6	10.9	7.8	7.2	29.78	0.0	0.0	19	0.14	21	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	10.6	6	5
06/12/2018	10:00	10.7	10.7	10.7	96	10.1	13	SW	1.08	23	SW	7.3	10.9	7.6	7.1	29.78	0.0	0.0	23	0.16	25	0	0.00	0.00	0.03	0.00	0.03	46	7.8	9.4	7.2	10.6	3	5
06/12/2018	10:05	10.7	10.7	10.7	96	10.1	13	SW	1.08	23	WSW	7.4	10.9	7.7	7.2	29.78	0.0	0.0	26	0.19	26	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	10.6	2	5
06/12/2018	10:10	10.7	10.7	10.7	96	10.1	13	WSW	1.08	23	SSW	7.4	10.9	7.7	7.3	29.78	0.0	0.0	28	0.20	28	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	1	5
06/12/2018	10:15	10.8	10.8	10.7	96	10.2	14	SW	1.17	26	SW	7.3	11.0	7.5	7.1	29.78	0.0	0.0	26	0.19	26	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	10.6	1	5
06/12/2018	10:20	10.8	10.8	10.8	96	10.2	12	SW	1.00	19	W	7.7	11.0	7.9	7.5	29.78	0.0	0.0	27	0.19	28	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	10:25	10.8	10.8	10.8	96	10.2	12	SW	1.00	20	SW	7.8	11.1	8.0	7.7	29.78	0.0	0.0	33	0.24	37	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	10:30	10.8	10.8	10.8	96	10.2	11	SW	0.92	17	WSW	8.1	11.1	8.3	8.1	29.78	0.0	0.0	40	0.29	40	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	10:35	10.8	10.8	10.8	95	10.1	13	WSW	1.08	24	WSW	7.6	11.1	7.8	7.7	29.78	0.0	0.0	40	0.29	42	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	10:40	10.9	10.9	10.8	95	10.1	10	SW	0.83	19	WSW	8.4	11.1	8.7	8.4	29.77	0.0	0.0	38	0.27	39	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	10:45	10.9	10.9	10.9	95	10.1	13	SW	1.08	22	W	7.6	11.1	7.8	7.6	29.77	0.0	0.0	37	0.27	37	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	10:50	10.9	10.9	10.9	95	10.2	14	SW	1.17	28	SW	7.5	11.2	7.7	7.6	29.77	0.0	0.0	39	0.28	42	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	10:55	10.9	10.9	10.9	94	10.0	16	SW	1.33	29	WSW	7.1	11.2	7.3	7.3	29.76	0.0	0.0	46	0.33	49	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	11:00	11.0	11.0	10.9	94	10.1	15	SW	1.25	24	W	7.4	11.2	7.6	7.5	29.77	0.0	0.0	43	0.31	44	0	0.00	0.00	0.03	0.00	0.03	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	11:05	11.0	11.1	11.0	94	10.1	15	SW	1.25	29	SSW	7.4	11.2	7.6	7.4	29.76	0.0	0.0	40	0.29	44	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	11:10	11.1	11.1	11.0	94	10.1	16	SW	1.33	30	SSW	7.3	11.3	7.5	7.3	29.76	0.0	0.0	39	0.28	46	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	11:15	11.1	11.1	11.1	94	10.1	15	SW	1.25	25	WSW	7.4	11.3	7.7	7.6	29.76	0.0	0.0	44	0.32	46	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	11:20	11.1	11.1	11.1	94	10.1	13	SW	1.08	24	WSW	7.8	11.3	8.1	7.9	29.75	0.0	0.0	42	0.30	44	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	11:25	11.2	11.2	11.1	94	10.2	14	SW	1.17	25	WSW	7.7	11.4	7.9	7.8	29.75	0.0	0.0	46	0.33	47	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	11:30	11.2	11.2	11.1	93	10.1	14	SW	1.17	25	SW	7.7	11.3	7.9	7.8	29.74	0.0	0.0	43	0.31	44	0	0.00	0.00	0.03	0.00	0.00	46	7.8	9.4	7.2	11.1	0	5
06/12/2018	11:35	11.2	11.2	11.2	93	10.1	14	SW	1.17	25	WSW	7.7	11.3	7.9	7.9	29.75	0.0	0.0	50	0.36	53	0	0.00	0.00	0.03	0.00	0.00	46	7.8	10.0	7.2	11.7	0	5
06/12/2018	11:40	11.2	11.2	11.2	93	10.1	12	SW	1.00	23	SSW	8.2	11.4	8.4	8.5	29.75	0.0	0.0	54	0.39	60	0	0.00	0.00	0.03	0.00	0.00	46	7.8	10.0	7.2	11.7	0	5
06/12/2018	11:45	11.3	11.3	11.2	93	10.2	9	WSW	0.75	18	WSW	9.2	11.4	9.4	9.8	29.75	0.0	0.0	72	0.52	79	0	0.00	0.00	0.02	0.00	0.00	46	7.8	10.0	7.2	11.7	0	5
06/12/2018	11:50	11.3	11.3	11.3	93	10.2	12	WSW	1.00	22	SW	8.3	11.5	8.5	9.4	29.76	0.0	0.0	102	0.73	130	0	0.00	0.00	0.02	0.00	0.00	46	7.8	10.6	7.2	12.2	0	5
06/12/2018	11:55	11.4	11.4	11.3	93	10.4	12	WSW	1.00	21	WNW	8.5	11.6	8.7	10.3	29.76	0.0	0.0	140	1.00	186	0	0.00	0.00	0.02	0.00	0.00	45	7.8	11.1	7.2	12.8	0	5
06/12/2018	12:00	11.6	11.6	11.4	93	10.5	12	WSW	1.00	23	WSW	8.6	11.7	8.7	10.3	29.75	0.0	0.0	135	0.97	146	0	0.00	0.00	0.02	0.00	0.05	45	7.8	11.1	7.2	12.2	0	5
06/12/2018	12:05	11.6	11.6	11.6	92	10.4	14	SW	1.17	27	WSW	8.2	11.7	8.3	9.9	29.75	0.0	0.0	148	1.06	156	0	0.00	0.00	0.02	0.00	0.00	45	7.8	11.7	7.2	12.2	1	5
06/12/2018	12:10	11.6	11.6	11.6	93	10.5	16	WSW	1.33	27	WSW	7.8	11.7	7.9	9.9	29.74	0.0	0.0	181	1.30	207	0	0.00	0.00	0.02	0.00	0.00	45	7.8	11.7	7.2	11.7	3	5
06/12/2018	12:15	11.4	11.6	11.4	94	10.5	15	WSW	1.25	32	WSW	7.9	11.6	8.1	9.9	29.74	0.0	0.0	171	1.23	185	0	0.00	0.00	0.02	0.00	0.00	45	7.8	11.7	7.2	11.1	2	5
06/12/2018	12:20	11.4	11.4	11.4	94	10.5	15	WSW	1.25	24	W	7.9	11.6	8.1	9.9	29.74	0.0	0.0	170	1.22	202	0	0.00	0.00	0.02	0.00	0.00	45	7.8	11.1	7.2	12.2	0	5
06/12/2018	12:25	11.4	11.4	11.4	94	10.5	15	WSW	1.25	27	W	7.9	11.6	8.1	9.6	29.75	0.0	0.0	146	1.05	178	0	0.00	0.00	0.02	0.00	0.00	45	8.3	11.7	7.2	12.2	0	5
06/12/2018	12:30	11.4	11.4	11.4	94	10.5	14	SW	1.17	24	W	8.1	11.6	8.2	9.0	29.75	0.0	0.0	95	0.68	102	0	0.00	0.00	0.02	0.00	0.00	45	8.3	11.1	7.2	11.7	0	5
06/12/2018	12:35	11.5	11.5	11.4	94	10.6	13	SW	1.08	25	SSW	8.3	11.7	8.5	9.2	29.75	0.0	0.0	89	0.64	93	0	0.00	0.00	0.02	0.00	0.00	45	8.3	11.1	7.2	11.7	0	5
06/12/2018	12:40	11.5	11.5	11.5	93	10.4	16	WSW	1.33	33	W	7.8	11.6	7.9	8.3	29.75	0.0	0.0	73	0.52	77	0	0.00	0.00	0.02	0.00	0.00	45	8.3	11.1	7.2	11.7	0	5
06/12/2018	12:45	11.5	11.5	11.5	93	10.4	14	SW	1.17	22	WSW	8.1	11.6	8.2	8.5	29.75	0.0	0.0	66	0.47	69	0	0.00	0.00	0.02	0.00	0.00	45	8.3	11.1	7.2	11.7	0	5
06/12/2018	12:50	11.4	11.5	11.4	94	10.5	14	SW	1.17	24	SSW	8.1	11.6	8.2	8.3	29.76	0.0	0.0	55	0.39	60	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.6	7.2	11.7	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
06/12/2018	12:55	11.4	11.4	11.4	94	10.5	14	SW	1.17	22	SW	8.1	11.6	8.2	8.1	29.75	0.0	0.0	44	0.32	46	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.6	7.2	11.7	0	5
06/12/2018	13:00	11.4	11.4	11.4	94	10.5	13	SW	1.08	22	WSW	8.2	11.6	8.4	8.1	29.75	0.0	0.0	38	0.27	42	0	0.00	0.00	0.02	0.00	0.08	45	8.3	10.6	7.2	11.7	0	5
06/12/2018	13:05	11.4	11.4	11.4	93	10.3	11	SW	0.92	18	SW	8.7	11.6	8.9	8.6	29.76	0.0	0.0	34	0.24	35	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.6	7.2	11.7	0	5
06/12/2018	13:10	11.4	11.4	11.4	93	10.3	13	SW	1.08	23	SW	8.2	11.6	8.4	8.0	29.76	0.0	0.0	31	0.22	33	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.6	7.2	11.7	0	5
06/12/2018	13:15	11.4	11.4	11.4	93	10.4	13	SW	1.08	22	WSW	8.3	11.6	8.4	8.0	29.75	0.0	0.0	29	0.21	30	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.6	7.2	11.7	0	5
06/12/2018	13:20	11.4	11.4	11.4	93	10.3	11	SW	0.92	19	SSW	8.7	11.6	8.9	8.3	29.75	0.0	0.0	24	0.17	30	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.6	7.2	11.7	0	5
06/12/2018	13:25	11.4	11.4	11.4	93	10.3	11	SW	0.92	18	SSW	8.7	11.6	8.9	8.2	29.75	0.0	0.0	17	0.12	19	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	13:30	11.4	11.4	11.4	93	10.3	9	SW	0.75	15	WSW	9.3	11.6	9.5	8.6	29.74	0.0	0.0	12	0.09	12	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	1	5
06/12/2018	13:35	11.4	11.4	11.4	93	10.3	10	SW	0.83	23	SSW	9.0	11.6	9.2	8.3	29.74	0.0	0.0	12	0.09	12	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	13:40	11.3	11.4	11.3	93	10.2	10	SW	0.83	17	SSW	8.9	11.5	9.1	8.2	29.74	0.0	0.0	12	0.09	12	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	13:45	11.3	11.4	11.3	93	10.2	10	SW	0.83	17	SW	8.9	11.5	9.1	8.2	29.74	0.0	0.0	11	0.08	12	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	13:50	11.3	11.3	11.3	93	10.2	8	SW	0.67	15	W	9.7	11.5	9.8	8.9	29.74	0.0	0.0	10	0.07	11	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	13:55	11.3	11.3	11.3	93	10.2	12	SW	1.00	21	SSW	8.3	11.5	8.5	7.6	29.74	0.0	0.0	9	0.06	9	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:00	11.3	11.3	11.3	93	10.2	11	SW	0.92	23	WSW	8.6	11.5	8.8	7.9	29.74	0.0	0.0	9	0.06	9	0	0.00	0.00	0.02	0.00	0.03	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:05	11.3	11.3	11.3	93	10.2	12	SW	1.00	21	WSW	8.3	11.5	8.5	7.7	29.73	0.0	0.0	10	0.07	11	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:10	11.3	11.3	11.3	93	10.2	11	SW	0.92	22	SSW	8.6	11.5	8.8	7.9	29.73	0.0	0.0	10	0.07	11	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:15	11.3	11.3	11.3	93	10.2	11	SW	0.92	17	SW	8.6	11.5	8.8	7.9	29.73	0.0	0.0	9	0.06	9	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:20	11.3	11.3	11.3	93	10.2	10	SW	0.83	21	WSW	8.9	11.5	9.1	8.2	29.74	0.0	0.0	9	0.06	11	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:25	11.4	11.4	11.3	93	10.3	10	WSW	0.83	15	WSW	9.0	11.6	9.2	8.3	29.73	0.0	0.0	10	0.07	11	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:30	11.4	11.4	11.4	93	10.3	9	SW	0.75	17	WSW	9.3	11.6	9.5	8.6	29.73	0.0	0.0	11	0.08	11	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:35	11.4	11.4	11.4	93	10.3	9	SW	0.75	20	SW	9.3	11.6	9.5	8.6	29.73	0.0	0.0	11	0.08	11	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:40	11.4	11.4	11.4	93	10.3	9	SW	0.75	17	WSW	9.3	11.6	9.5	8.6	29.73	0.0	0.0	10	0.07	11	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.1	0	5
06/12/2018	14:45	11.4	11.4	11.4	93	10.4	11	SW	0.92	18	SW	8.8	11.6	8.9	8.2	29.73	0.0	0.0	11	0.08	12	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	14:50	11.5	11.5	11.4	93	10.4	10	SW	0.83	19	W	9.1	11.6	9.2	8.4	29.73	0.0	0.0	13	0.09	14	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	14:55	11.6	11.6	11.4	93	10.5	11	SW	0.92	17	SSW	8.9	11.7	9.0	8.2	29.73	0.0	0.0	14	0.10	14	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:00	11.6	11.6	11.5	94	10.6	9	SW	0.75	19	SW	9.6	11.7	9.7	8.6	29.73	0.0	0.0	12	0.09	14	0	0.00	0.00	0.02	0.00	0.03	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:05	11.6	11.6	11.6	93	10.5	9	SW	0.75	17	SSW	9.6	11.7	9.7	8.5	29.72	0.0	0.0	12	0.09	14	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:10	11.7	11.7	11.6	94	10.7	8	SW	0.67	16	SSW	10.1	11.8	10.2	8.9	29.73	0.0	0.0	11	0.08	12	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:15	11.7	11.7	11.7	94	10.8	9	SW	0.75	16	WSW	9.7	11.9	9.9	8.7	29.72	0.0	0.0	9	0.06	11	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:20	11.8	11.8	11.7	94	10.8	10	SW	0.83	19	SW	9.4	11.9	9.6	8.4	29.72	0.0	0.0	7	0.05	7	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:25	11.9	11.9	11.8	94	11.0	8	WSW	0.67	20	W	10.3	12.1	10.5	9.2	29.72	0.0	0.0	6	0.04	7	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:30	11.9	11.9	11.9	94	11.0	6	W	0.50	16	W	10.9	12.1	11.1	9.7	29.73	0.0	0.0	5	0.04	5	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:35	11.9	11.9	11.9	94	11.0	8	W	0.67	17	W	10.4	12.1	10.6	9.2	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:40	12.0	12.0	11.9	94	11.1	8	SW	0.67	14	W	10.4	12.2	10.6	9.2	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:45	12.0	12.0	11.9	94	11.1	9	WSW	0.75	20	S	10.1	12.2	10.2	8.9	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:50	12.0	12.0	11.9	94	11.1	8	SW	0.67	18	SW	10.4	12.2	10.6	9.2	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	15:55	12.0	12.0	12.0	94	11.1	8	SW	0.67	14	SSW	10.4	12.2	10.6	9.2	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	16:00	12.0	12.0	12.0	94	11.1	9	SW	0.75	15	WSW	10.1	12.2	10.2	8.9	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	16:05	12.0	12.0	11.9	94	11.1	10	WSW	0.83	17	SW	9.7	12.2	9.9	8.6	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	16:10	12.0	12.0	12.0	94	11.1	9	SW	0.75	18	SW	10.1	12.2	10.2	8.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	16:15	12.0	12.1	12.0	94	11.1	8	SW	0.67	15	WSW	10.4	12.2	10.6	9.2	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	16:20	12.1	12.1	12.0	94	11.1	9	SW	0.75	18	WSW	10.1	12.2	10.3	8.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	12.2	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
06/12/2018	16:25	12.1	12.1	12.1	94	11.1	8	SW	0.67	13	WSW	10.5	12.2	10.7	9.3	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	16:30	12.1	12.1	12.1	94	11.2	9	WSW	0.75	22	WSW	10.2	12.3	10.4	9.1	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	16:35	12.1	12.1	12.1	94	11.2	7	WSW	0.58	14	W	11.0	12.3	11.2	9.7	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	11.7	0	5
06/12/2018	16:40	12.1	12.1	12.1	94	11.2	7	SW	0.58	16	SW	11.0	12.3	11.2	9.7	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.2	12.2	0	5
06/12/2018	16:45	12.1	12.1	12.1	94	11.2	6	WSW	0.50	11	SW	11.2	12.3	11.4	9.9	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.8	12.2	0	5
06/12/2018	16:50	12.1	12.2	12.1	94	11.2	7	W	0.58	13	W	11.0	12.3	11.2	9.7	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.8	12.2	0	5
06/12/2018	16:55	12.2	12.2	12.1	94	11.2	7	SW	0.58	11	SW	11.1	12.3	11.2	9.8	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.8	12.2	0	5
06/12/2018	17:00	12.2	12.2	12.1	94	11.2	6	WSW	0.50	13	SW	11.3	12.3	11.4	10.0	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.8	12.2	0	5
06/12/2018	17:05	12.2	12.2	12.1	95	11.4	7	WSW	0.58	15	SSW	11.1	12.3	11.2	9.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.8	12.2	0	5
06/12/2018	17:10	12.2	12.2	12.2	95	11.4	7	WSW	0.58	14	W	11.1	12.3	11.2	9.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.3	10.0	7.8	12.2	0	5
06/12/2018	17:15	12.2	12.2	12.2	94	11.2	7	WSW	0.58	15	SW	11.1	12.3	11.2	9.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	12.2	0	5
06/12/2018	17:20	12.2	12.2	12.2	95	11.4	8	WSW	0.67	14	SW	10.7	12.3	10.8	9.4	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.7	2	5
06/12/2018	17:25	12.2	12.2	12.2	95	11.4	7	WSW	0.58	18	W	11.1	12.4	11.3	9.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.7	10	5
06/12/2018	17:30	12.2	12.2	12.2	95	11.4	7	SW	0.58	11	SW	11.1	12.3	11.2	9.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	17:35	12.2	12.2	12.2	95	11.4	8	SW	0.67	13	W	10.7	12.3	10.8	9.4	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	17:40	12.1	12.2	12.1	95	11.3	7	SW	0.58	13	SW	11.0	12.3	11.2	9.7	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	17:45	12.1	12.2	12.1	95	11.3	7	WSW	0.58	12	SW	11.0	12.3	11.2	9.7	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	17:50	12.1	12.1	12.1	95	11.3	6	SW	0.50	11	SW	11.1	12.2	11.3	9.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	17:55	12.1	12.1	12.1	95	11.3	7	SW	0.58	16	SSW	10.9	12.2	11.1	9.6	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:00	12.1	12.1	12.0	95	11.3	5	WSW	0.42	9	SW	11.4	12.2	11.6	10.1	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:05	12.0	12.1	12.0	95	11.2	5	SW	0.42	10	W	11.3	12.2	11.5	10.1	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.7	15	5
06/12/2018	18:10	12.0	12.0	12.0	96	11.4	6	SW	0.50	12	SW	11.1	12.2	11.3	9.8	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.7	15	5
06/12/2018	18:15	12.0	12.0	12.0	96	11.4	7	WSW	0.58	13	SSW	10.8	12.2	11.1	9.6	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:20	12.0	12.1	12.0	96	11.4	9	SW	0.75	15	WSW	10.1	12.2	10.3	8.9	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:25	12.0	12.1	12.0	96	11.4	7	WSW	0.58	15	W	10.8	12.2	11.1	9.6	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:30	12.1	12.1	12.0	96	11.4	8	SW	0.67	17	WSW	10.5	12.3	10.7	9.3	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	45	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:35	12.1	12.1	12.0	96	11.4	8	WSW	0.67	14	W	10.5	12.3	10.7	9.3	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:40	12.1	12.1	12.0	96	11.4	8	SW	0.67	13	W	10.5	12.3	10.7	9.3	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:45	12.0	12.1	12.0	96	11.4	5	SW	0.42	10	SW	11.3	12.2	11.6	10.1	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:50	12.0	12.0	12.0	96	11.4	6	SW	0.50	9	SW	11.1	12.2	11.3	9.8	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	18:55	11.9	12.0	11.9	96	11.3	8	SW	0.67	13	WSW	10.4	12.2	10.6	9.2	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	19:00	11.9	11.9	11.9	96	11.3	6	SW	0.50	11	WSW	11.0	12.2	11.2	9.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	19:05	11.9	11.9	11.9	96	11.3	6	SW	0.50	10	SW	11.0	12.2	11.2	9.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	19:10	11.9	11.9	11.9	96	11.3	6	SW	0.50	10	WSW	11.0	12.2	11.2	9.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	19:15	11.9	11.9	11.9	96	11.3	5	SW	0.42	9	SW	11.2	12.1	11.4	10.0	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	19:20	11.9	11.9	11.9	96	11.3	4	SW	0.33	8	SW	11.6	12.1	11.8	10.3	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	19:25	11.9	11.9	11.9	96	11.3	4	S	0.33	8	SSE	11.6	12.1	11.8	10.3	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	19:30	11.9	11.9	11.9	96	11.3	5	S	0.42	9	S	11.2	12.1	11.4	10.0	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	19:35	11.9	11.9	11.8	97	11.4	6	S	0.50	12	S	10.9	12.1	11.2	9.7	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	15	5
06/12/2018	19:40	11.8	11.9	11.8	97	11.4	6	S	0.50	11	SSW	10.9	12.1	11.1	9.7	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	19:45	11.8	11.8	11.8	97	11.4	7	SSW	0.58	11	SSE	10.7	12.1	10.9	9.4	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	19:50	11.8	11.8	11.8	97	11.4	5	SSW	0.42	9	SSW	11.2	12.1	11.4	9.9	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
06/12/2018	19:55	11.8	11.8	11.8	97	11.4	6	SW	0.50	11	SSW	10.9	12.1	11.1	9.7	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	20:00	11.8	11.8	11.8	97	11.4	6	SW	0.50	10	SSW	10.9	12.1	11.1	9.7	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	15	5
06/12/2018	20:05	11.8	11.8	11.8	97	11.4	7	SSW	0.58	11	SW	10.7	12.1	10.9	9.4	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	15	5
06/12/2018	20:10	11.8	11.8	11.8	97	11.4	7	SW	0.58	10	SSW	10.7	12.1	10.9	9.4	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	20:15	11.8	11.9	11.8	97	11.4	7	SW	0.58	11	WSW	10.7	12.1	10.9	9.4	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	20:20	11.9	11.9	11.8	97	11.4	8	SW	0.67	14	SW	10.3	12.1	10.6	9.2	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.1	15	5
06/12/2018	20:25	11.9	11.9	11.8	97	11.4	7	SW	0.58	12	SW	10.7	12.1	10.9	9.5	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.1	15	5
06/12/2018	20:30	11.9	11.9	11.9	97	11.4	7	SW	0.58	12	WSW	10.7	12.1	10.9	9.5	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.1	15	5
06/12/2018	20:35	11.9	11.9	11.9	97	11.4	6	SW	0.50	12	SW	10.9	12.1	11.2	9.7	29.74	0.2	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.1	15	5
06/12/2018	20:40	11.9	11.9	11.9	97	11.4	8	SW	0.67	12	SW	10.3	12.1	10.6	9.2	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	20:45	11.9	11.9	11.9	97	11.4	7	SW	0.58	11	SW	10.7	12.1	10.9	9.5	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	20:50	11.9	11.9	11.9	97	11.4	7	SW	0.58	10	SW	10.7	12.1	10.9	9.5	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	20:55	11.9	11.9	11.9	97	11.4	7	SW	0.58	11	SW	10.7	12.1	10.9	9.5	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	21:00	11.9	11.9	11.9	97	11.4	6	SW	0.50	10	SSW	10.9	12.1	11.2	9.7	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	21:05	11.9	11.9	11.9	97	11.4	6	SW	0.50	12	SSW	10.9	12.1	11.2	9.7	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	21:10	11.9	11.9	11.9	97	11.4	6	SSW	0.50	11	SSW	10.9	12.1	11.2	9.7	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	21:15	11.9	11.9	11.9	97	11.4	6	SSW	0.50	10	SSW	10.9	12.1	11.2	9.7	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	21:20	11.9	11.9	11.9	97	11.4	6	SSW	0.50	11	SSW	10.9	12.1	11.2	9.7	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	21:25	11.9	11.9	11.9	97	11.4	7	SSW	0.58	13	SSW	10.7	12.1	10.9	9.5	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	21:30	11.9	11.9	11.9	97	11.4	7	SSW	0.58	13	SSW	10.7	12.1	10.9	9.5	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	21:35	11.9	11.9	11.9	97	11.4	5	SSW	0.42	9	SW	11.2	12.1	11.4	10.0	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	15	5
06/12/2018	21:40	11.9	11.9	11.9	97	11.4	6	SSW	0.50	10	SSW	10.9	12.1	11.2	9.7	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	15	5
06/12/2018	21:45	11.9	11.9	11.9	96	11.3	4	SSW	0.33	8	S	11.6	12.1	11.8	10.3	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	21:50	11.9	11.9	11.9	96	11.3	5	SSW	0.42	9	SSW	11.2	12.1	11.4	10.0	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	15	5
06/12/2018	21:55	11.8	11.9	11.8	96	11.2	7	S	0.58	13	SE	10.7	12.1	10.9	9.4	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	22:00	11.8	11.8	11.8	96	11.2	7	S	0.58	12	S	10.7	12.1	10.9	9.4	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	22:05	11.8	11.8	11.8	96	11.2	6	SSW	0.50	10	S	10.9	12.1	11.1	9.7	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	22:10	11.8	11.8	11.8	96	11.2	9	SSW	0.75	16	SSW	9.9	12.1	10.1	8.8	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	22:15	11.8	11.8	11.8	96	11.2	8	SSW	0.67	15	SSW	10.3	12.1	10.5	9.1	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	22:20	11.8	11.8	11.8	96	11.2	8	SSW	0.67	17	SSW	10.3	12.1	10.5	9.1	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	22:25	11.8	11.8	11.8	96	11.2	7	SW	0.58	12	WSW	10.7	12.1	10.9	9.4	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	22:30	11.8	11.8	11.8	96	11.2	6	SSW	0.50	12	SSW	10.9	12.1	11.1	9.7	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	15	5
06/12/2018	22:35	11.8	11.8	11.8	96	11.2	7	SSW	0.58	18	SW	10.6	12.0	10.8	9.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	14	5
06/12/2018	22:40	11.8	11.8	11.8	96	11.2	7	SW	0.58	12	WSW	10.6	12.0	10.8	9.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	14	5
06/12/2018	22:45	11.8	11.8	11.8	96	11.2	8	SSW	0.67	13	SSE	10.3	12.1	10.5	9.1	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	14	5
06/12/2018	22:50	11.8	11.8	11.8	96	11.2	8	SSW	0.67	13	SSW	10.3	12.1	10.5	9.1	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	13	5
06/12/2018	22:55	11.8	11.8	11.8	96	11.2	8	SSW	0.67	17	SSW	10.3	12.1	10.5	9.1	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	13	5
06/12/2018	23:00	11.8	11.8	11.8	96	11.2	7	SSW	0.58	12	SSW	10.7	12.1	10.9	9.4	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.1	14	5
06/12/2018	23:05	11.8	11.8	11.8	96	11.2	5	SSW	0.42	11	SSW	11.2	12.1	11.4	9.9	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	13	5
06/12/2018	23:10	11.8	11.8	11.8	96	11.2	6	SSW	0.50	12	SW	10.8	12.0	11.0	9.6	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	13	5
06/12/2018	23:15	11.8	11.8	11.8	96	11.2	5	SSW	0.42	9	SSW	11.1	12.0	11.3	9.8	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	13	5
06/12/2018	23:20	11.8	11.8	11.8	96	11.2	5	SSE	0.42	11	SSE	11.1	12.0	11.3	9.8	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	13	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
06/12/2018	23:25	11.8	11.8	11.7	96	11.2	6	S	0.50	11	SE	10.8	12.0	11.0	9.6	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	13	5
06/12/2018	23:30	11.7	11.8	11.7	96	11.1	5	S	0.42	10	SSW	11.0	11.9	11.2	9.8	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	13	5
06/12/2018	23:35	11.7	11.7	11.7	96	11.1	6	SSW	0.50	11	SSW	10.7	11.9	10.9	9.5	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	12	5
06/12/2018	23:40	11.7	11.7	11.7	96	11.1	4	SW	0.33	9	SSW	11.3	11.9	11.6	10.1	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	12	5
06/12/2018	23:45	11.7	11.7	11.7	96	11.1	6	SSW	0.50	14	SSW	10.7	11.9	10.9	9.4	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	12	5
06/12/2018	23:50	11.7	11.7	11.6	96	11.1	9	SSW	0.75	16	S	9.7	11.9	9.9	8.6	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	11	5
06/12/2018	23:55	11.6	11.7	11.6	96	11.0	10	SSW	0.83	16	SSW	9.3	11.8	9.5	8.2	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	10	5
07/12/2018	00:00	11.6	11.6	11.6	96	11.0	7	SSW	0.58	12	SSW	10.4	11.8	10.6	9.2	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	8	5
07/12/2018	00:05	11.6	11.6	11.6	96	10.9	8	SSW	0.67	15	SSW	9.9	11.8	10.2	8.8	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	5	5
07/12/2018	00:10	11.5	11.6	11.5	96	10.9	8	SW	0.67	19	SSW	9.8	11.7	10.1	8.7	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	3	5
07/12/2018	00:15	11.6	11.6	11.5	96	10.9	6	SW	0.50	11	SW	10.6	11.8	10.8	9.3	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	2	5
07/12/2018	00:20	11.5	11.6	11.5	96	10.9	8	SW	0.67	17	WSW	9.8	11.7	10.1	8.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	1	5
07/12/2018	00:25	11.5	11.6	11.5	96	10.9	7	SW	0.58	12	SSW	10.2	11.7	10.4	9.0	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	1	5
07/12/2018	00:30	11.6	11.6	11.5	96	10.9	9	SW	0.75	16	SSW	9.6	11.8	9.8	8.4	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	0	5
07/12/2018	00:35	11.6	11.6	11.6	96	10.9	7	SW	0.58	11	SW	10.3	11.8	10.6	9.1	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.0	7.8	11.7	0	5
07/12/2018	00:40	11.6	11.6	11.6	96	11.0	10	SW	0.83	17	SSW	9.3	11.8	9.5	8.2	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	00:45	11.7	11.7	11.6	96	11.1	7	SW	0.58	18	SSW	10.4	11.9	10.7	9.2	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	00:50	11.7	11.7	11.7	96	11.1	10	SSW	0.83	20	SSW	9.3	11.9	9.6	8.3	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	00:55	11.7	11.7	11.7	96	11.1	8	SW	0.67	16	SSW	10.1	11.9	10.3	8.9	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:00	11.8	11.8	11.7	96	11.2	9	SW	0.75	20	SSW	9.8	12.0	10.0	8.7	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:05	11.8	11.8	11.7	96	11.2	10	SW	0.83	18	SW	9.4	12.0	9.7	8.4	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:10	11.8	11.8	11.8	96	11.2	9	SW	0.75	16	SW	9.8	12.0	10.0	8.7	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:15	11.8	11.8	11.8	96	11.2	9	SW	0.75	20	W	9.8	12.0	10.0	8.7	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:20	11.8	11.8	11.8	96	11.2	10	SW	0.83	17	SSW	9.6	12.1	9.8	8.5	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:25	11.8	11.8	11.8	96	11.2	9	SW	0.75	16	S	9.9	12.1	10.1	8.8	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:30	11.8	11.9	11.8	96	11.2	11	SW	0.92	20	SSW	9.2	12.1	9.4	8.2	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	1	5
07/12/2018	01:35	11.9	11.9	11.8	96	11.3	12	SW	1.00	21	WSW	9.0	12.1	9.2	8.1	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	1	5
07/12/2018	01:40	11.9	11.9	11.9	96	11.3	13	SW	1.08	22	SSW	8.7	12.1	8.9	7.8	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:45	11.9	11.9	11.9	96	11.3	12	SW	1.00	21	W	9.0	12.1	9.2	8.1	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:50	11.9	11.9	11.9	96	11.3	12	SW	1.00	22	WSW	9.0	12.1	9.2	8.1	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	01:55	11.9	11.9	11.9	96	11.3	11	SW	0.92	19	WSW	9.3	12.2	9.6	8.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	02:00	11.9	11.9	11.9	96	11.3	11	SW	0.92	19	SSW	9.3	12.2	9.6	8.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	02:05	11.9	11.9	11.9	96	11.3	11	SW	0.92	22	SSW	9.3	12.2	9.6	8.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	02:10	12.0	12.0	11.9	96	11.4	12	SW	1.00	23	SSW	9.1	12.2	9.3	8.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	02:15	12.0	12.0	11.9	96	11.4	12	SW	1.00	22	SSW	9.1	12.2	9.3	8.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	8.9	10.6	7.8	11.7	0	5
07/12/2018	02:20	12.0	12.0	12.0	96	11.4	12	SW	1.00	20	SSW	9.1	12.2	9.3	8.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	0	5
07/12/2018	02:25	12.0	12.0	12.0	96	11.4	12	SW	1.00	22	WSW	9.1	12.2	9.3	8.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	1	5
07/12/2018	02:30	12.0	12.0	12.0	96	11.4	12	SW	1.00	24	SSW	9.1	12.2	9.3	8.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	0	5
07/12/2018	02:35	12.0	12.0	12.0	96	11.4	13	SW	1.08	21	SW	8.9	12.2	9.1	7.9	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	0	5
07/12/2018	02:40	12.1	12.1	12.0	96	11.4	12	SW	1.00	19	WSW	9.2	12.3	9.4	8.2	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	12.2	0	5
07/12/2018	02:45	12.1	12.1	12.1	96	11.4	13	SW	1.08	24	SW	8.9	12.3	9.2	8.0	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	12.2	0	5
07/12/2018	02:50	12.1	12.1	12.1	96	11.5	12	SW	1.00	24	WSW	9.3	12.3	9.5	8.3	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	12.2	1	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
07/12/2018	02:55	12.2	12.2	12.1	96	11.5	13	SW	1.08	21	WSW	9.1	12.4	9.3	8.1	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	12.2	2	5
07/12/2018	03:00	12.2	12.2	12.2	96	11.5	13	SW	1.08	23	SSW	9.1	12.4	9.3	8.1	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	9	5
07/12/2018	03:05	12.2	12.2	12.2	96	11.6	14	SW	1.17	23	W	8.9	12.4	9.2	8.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	13	5
07/12/2018	03:10	12.2	12.2	12.2	96	11.6	14	SW	1.17	26	SSW	8.9	12.4	9.2	8.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	15	5
07/12/2018	03:15	12.2	12.2	12.2	96	11.6	14	SW	1.17	24	WSW	8.9	12.4	9.2	8.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	15	5
07/12/2018	03:20	12.2	12.2	12.2	96	11.6	15	SW	1.25	26	SW	8.7	12.4	8.9	7.9	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	15	5
07/12/2018	03:25	12.2	12.2	12.2	96	11.6	14	SW	1.17	30	WSW	8.9	12.4	9.2	8.1	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	15	5
07/12/2018	03:30	12.2	12.2	12.2	96	11.6	16	SW	1.33	27	WSW	8.6	12.4	8.8	7.7	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	15	5
07/12/2018	03:35	12.2	12.2	12.2	96	11.6	16	SW	1.33	25	SSW	8.6	12.4	8.8	7.7	29.47	0.2	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	15	5
07/12/2018	03:40	12.2	12.2	12.2	96	11.6	14	SW	1.17	28	SSW	8.9	12.4	9.2	8.1	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.7	15	5
07/12/2018	03:45	12.2	12.2	12.2	96	11.5	14	SW	1.17	24	WSW	8.9	12.4	9.1	8.0	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.1	15	5
07/12/2018	03:50	12.2	12.2	12.2	96	11.5	14	SW	1.17	21	SW	8.9	12.4	9.1	8.0	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.1	15	5
07/12/2018	03:55	12.2	12.2	12.2	96	11.5	16	SW	1.33	25	SW	8.5	12.4	8.7	7.7	29.46	0.2	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	44	9.4	10.6	7.8	11.1	15	5
07/12/2018	04:00	12.2	12.2	12.2	96	11.5	14	SW	1.17	22	SSW	8.9	12.4	9.1	8.0	29.46	0.2	2.2	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	7.8	11.1	15	5
07/12/2018	04:05	12.1	12.2	12.1	96	11.5	14	SW	1.17	26	SSW	8.8	12.3	9.1	7.9	29.45	0.0	1.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	7.8	11.1	15	5
07/12/2018	04:10	12.1	12.1	12.1	96	11.5	12	SW	1.00	21	W	9.3	12.3	9.5	8.3	29.44	0.2	1.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	7.8	11.1	15	5
07/12/2018	04:15	12.1	12.1	12.1	96	11.4	12	SW	1.00	20	SW	9.2	12.3	9.4	8.2	29.44	0.2	2.2	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	7.8	11.1	15	5
07/12/2018	04:20	12.1	12.1	12.1	97	11.6	14	SW	1.17	22	WSW	8.7	12.3	8.9	7.8	29.44	0.2	2.2	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	04:25	12.1	12.1	12.0	97	11.6	14	SW	1.17	22	WSW	8.7	12.3	8.9	7.8	29.44	0.2	2.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	04:30	12.0	12.1	12.0	97	11.5	12	SW	1.00	19	WSW	9.1	12.2	9.3	8.2	29.43	0.2	2.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	04:35	12.0	12.0	12.0	97	11.5	13	SW	1.08	22	WSW	8.9	12.2	9.1	7.9	29.43	0.2	4.2	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	04:40	11.9	12.0	11.9	97	11.5	14	WSW	1.17	25	SW	8.6	12.2	8.8	7.7	29.43	0.2	2.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	04:45	11.9	11.9	11.9	97	11.5	13	SW	1.08	22	WSW	8.8	12.2	9.0	7.8	29.42	0.2	2.4	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	04:50	11.9	11.9	11.9	97	11.5	13	SW	1.08	21	SW	8.8	12.2	9.0	7.8	29.41	0.2	2.4	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	04:55	11.9	11.9	11.9	97	11.4	15	SW	1.25	27	SW	8.3	12.1	8.6	7.5	29.41	0.2	1.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:00	11.9	11.9	11.9	97	11.4	15	WSW	1.25	28	WSW	8.3	12.1	8.6	7.5	29.41	0.2	2.2	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:05	11.9	11.9	11.9	97	11.4	13	SW	1.08	25	SW	8.7	12.1	8.9	7.8	29.41	0.2	3.4	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:10	11.8	11.9	11.8	97	11.4	15	SW	1.25	25	SSW	8.3	12.1	8.5	7.4	29.40	0.2	3.4	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:15	11.8	11.9	11.8	97	11.4	14	SW	1.17	29	WSW	8.5	12.1	8.7	7.6	29.40	0.0	1.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:20	11.8	11.8	11.8	97	11.4	16	SW	1.33	28	SSW	8.1	12.1	8.3	7.3	29.39	0.2	1.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:25	11.8	11.8	11.8	97	11.3	16	SW	1.33	28	WSW	8.1	12.0	8.3	7.2	29.39	0.0	1.2	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:30	11.8	11.8	11.8	97	11.3	16	SW	1.33	24	WSW	8.1	12.0	8.3	7.2	29.39	0.2	1.2	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:35	11.8	11.8	11.8	97	11.3	13	SW	1.08	21	WSW	8.6	12.0	8.8	7.7	29.39	0.0	0.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:40	11.8	11.8	11.8	97	11.3	13	SW	1.08	20	SSW	8.6	12.0	8.8	7.7	29.39	0.0	0.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:45	11.8	11.8	11.8	97	11.3	13	SW	1.08	21	WSW	8.6	12.0	8.8	7.7	29.38	0.0	0.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:50	11.8	11.8	11.8	97	11.3	14	SW	1.17	27	SW	8.4	12.0	8.6	7.5	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	05:55	11.8	11.8	11.8	97	11.3	15	SW	1.25	26	SW	8.2	12.0	8.4	7.4	29.38	0.2	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:00	11.8	11.8	11.8	97	11.3	13	SW	1.08	22	SSW	8.6	12.0	8.8	7.7	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:05	11.8	11.8	11.8	97	11.3	14	SW	1.17	23	WSW	8.4	12.0	8.6	7.5	29.37	0.2	1.6	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:10	11.8	11.8	11.8	97	11.3	14	SW	1.17	25	SSW	8.4	12.0	8.6	7.5	29.37	0.2	2.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:15	11.8	11.8	11.8	97	11.3	16	SW	1.33	26	W	8.1	12.0	8.3	7.2	29.36	0.0	1.6	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:20	11.8	11.8	11.8	97	11.3	15	SW	1.25	27	SSW	8.2	12.0	8.4	7.4	29.36	0.2	1.6	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
07/12/2018	06:25	11.7	11.8	11.7	97	11.3	14	SW	1.17	24	SW	8.3	11.9	8.6	7.4	29.36	0.2	1.8	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:30	11.7	11.7	11.7	97	11.3	13	SW	1.08	22	SW	8.6	11.9	8.8	7.6	29.36	0.0	1.4	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:35	11.7	11.7	11.7	97	11.3	15	WSW	1.25	26	W	8.2	11.9	8.4	7.3	29.35	0.2	1.4	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:40	11.7	11.7	11.7	97	11.3	14	SW	1.17	25	W	8.3	11.9	8.6	7.4	29.35	0.2	2.2	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:45	11.7	11.7	11.7	97	11.2	12	SW	1.00	21	W	8.7	11.9	8.9	7.8	29.35	0.0	1.6	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:50	11.7	11.7	11.7	97	11.2	12	SW	1.00	20	WSW	8.7	11.9	8.9	7.8	29.34	0.2	1.6	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	06:55	11.7	11.7	11.7	97	11.2	12	SW	1.00	20	SW	8.7	11.9	8.9	7.8	29.34	0.2	2.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	07:00	11.6	11.7	11.6	97	11.2	10	SW	0.83	21	SSW	9.3	11.8	9.5	8.2	29.34	0.0	2.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	07:05	11.6	11.6	11.6	97	11.2	11	SW	0.92	19	SW	8.9	11.8	9.2	7.9	29.34	0.2	2.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	07:10	11.6	11.6	11.6	97	11.1	13	SW	1.08	21	W	8.4	11.8	8.6	7.4	29.34	0.0	1.4	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.6	8.3	11.1	15	5
07/12/2018	07:15	11.6	11.6	11.6	97	11.1	12	WSW	1.00	21	SW	8.6	11.8	8.8	7.7	29.33	0.0	1.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.0	8.3	11.1	15	5
07/12/2018	07:20	11.5	11.6	11.5	97	11.0	13	SW	1.08	22	SSW	8.3	11.7	8.6	7.4	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.0	8.3	11.1	15	5
07/12/2018	07:25	11.5	11.6	11.5	97	11.0	11	SW	0.92	22	W	8.8	11.7	9.1	7.8	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.0	8.3	11.1	15	5
07/12/2018	07:30	11.4	11.5	11.4	97	11.0	14	SW	1.17	24	WSW	8.1	11.7	8.3	7.2	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.0	8.3	11.1	15	5
07/12/2018	07:35	11.4	11.4	11.4	97	10.9	13	W	1.08	30	W	8.2	11.6	8.4	7.3	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.0	8.3	11.1	15	5
07/12/2018	07:40	11.4	11.4	11.4	97	10.9	13	SW	1.08	23	WSW	8.2	11.6	8.4	7.3	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.0	8.3	11.1	15	5
07/12/2018	07:45	11.4	11.4	11.4	97	10.9	13	WSW	1.08	23	W	8.2	11.6	8.4	7.3	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.02	0.00	0.00	43	9.4	10.0	8.3	11.1	15	5
07/12/2018	07:50	10.9	11.4	10.9	95	10.1	14	W	1.17	31	W	7.4	11.1	7.7	6.5	29.35	0.6	10.6	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	9.4	9.4	8.3	9.4	15	5
07/12/2018	07:55	10.3	10.9	10.3	95	9.5	12	W	1.00	25	W	7.1	10.6	7.4	6.2	29.35	0.0	2.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	9.4	9.4	8.3	8.9	15	5
07/12/2018	08:00	9.8	10.2	9.8	95	9.1	12	W	1.00	24	W	6.7	10.1	6.9	5.7	29.36	0.0	1.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	9.4	8.9	8.3	8.3	15	5
07/12/2018	08:05	9.6	9.8	9.6	95	8.8	9	WNW	0.75	17	WSW	7.2	9.8	7.4	6.0	29.36	0.0	0.8	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	9.4	8.9	8.3	8.3	15	5
07/12/2018	08:10	9.1	9.6	9.1	94	8.1	15	WNW	1.25	31	NW	5.2	9.3	5.4	4.2	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	9.4	8.3	8.3	7.8	15	5
07/12/2018	08:15	8.7	9.1	8.7	94	7.8	12	W	1.00	22	W	5.4	8.9	5.6	4.3	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	9.4	8.3	8.3	7.2	15	5
07/12/2018	08:20	8.5	8.7	8.5	94	7.6	11	WSW	0.92	24	W	5.4	8.7	5.6	4.2	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	43	9.4	7.8	8.3	7.2	15	5
07/12/2018	08:25	8.3	8.5	8.3	93	7.2	14	W	1.17	24	WNW	4.4	8.4	4.6	3.4	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	44	9.4	7.8	8.3	7.2	15	5
07/12/2018	08:30	8.1	8.3	8.1	93	7.0	12	W	1.00	21	NW	4.7	8.2	4.8	3.4	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	44	9.4	7.8	8.3	7.2	15	5
07/12/2018	08:35	7.9	8.1	7.9	93	6.9	11	W	0.92	20	W	4.7	8.1	4.8	3.5	29.36	0.2	0.0	4	0.03	5	0	0.00	0.00	0.04	0.00	0.00	44	9.4	7.8	8.3	7.2	15	5
07/12/2018	08:40	7.9	7.9	7.9	93	6.8	8	W	0.67	17	WNW	5.6	8.0	5.7	4.2	29.37	0.0	0.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	44	9.4	7.8	8.3	6.7	15	5
07/12/2018	08:45	7.8	7.9	7.8	93	6.7	9	W	0.75	23	W	5.1	7.9	5.2	3.8	29.36	0.0	0.0	7	0.05	9	0	0.00	0.00	0.04	0.00	0.00	44	9.4	7.2	8.3	6.7	15	5
07/12/2018	08:50	7.7	7.8	7.7	93	6.7	9	W	0.75	19	W	5.1	7.8	5.2	3.8	29.36	0.0	0.0	12	0.09	16	0	0.00	0.00	0.04	0.00	0.00	44	9.4	7.8	8.3	6.7	15	5
07/12/2018	08:55	7.7	7.7	7.7	93	6.7	7	W	0.58	13	W	5.7	7.8	5.8	4.4	29.36	0.0	0.0	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	44	9.4	7.8	8.3	7.2	15	5
07/12/2018	09:00	7.7	7.7	7.7	93	6.7	9	W	0.75	18	W	5.1	7.8	5.2	3.8	29.36	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.03	44	9.4	7.8	8.3	7.2	15	5
07/12/2018	09:05	7.8	7.8	7.7	93	6.7	7	W	0.58	15	W	5.8	7.9	5.9	4.4	29.36	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	44	9.4	7.8	8.3	7.2	15	5
07/12/2018	09:10	7.8	7.8	7.8	93	6.7	8	W	0.67	18	W	5.4	7.9	5.6	4.2	29.36	0.0	0.0	16	0.11	16	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.8	8.3	7.8	15	5
07/12/2018	09:15	7.8	7.8	7.8	93	6.7	10	W	0.83	18	W	4.8	7.9	4.9	3.7	29.36	0.0	0.0	16	0.11	16	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.8	8.3	7.8	15	5
07/12/2018	09:20	7.8	7.8	7.8	93	6.8	11	W	0.92	19	WNW	4.6	7.9	4.7	3.6	29.36	0.0	0.0	18	0.13	26	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.8	8.3	7.8	15	5
07/12/2018	09:25	7.9	7.9	7.8	92	6.7	11	W	0.92	24	W	4.7	8.0	4.8	3.7	29.36	0.0	0.0	30	0.22	30	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.2	8.3	7.8	15	5
07/12/2018	09:30	7.9	7.9	7.9	92	6.7	10	W	0.83	19	WNW	5.0	8.1	5.1	4.1	29.36	0.0	0.0	33	0.24	37	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.2	8.3	7.8	15	5
07/12/2018	09:35	7.9	7.9	7.9	91	6.6	14	W	1.17	28	WNW	4.1	8.1	4.2	3.3	29.35	0.0	0.0	40	0.29	40	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.2	8.3	7.8	15	5
07/12/2018	09:40	7.9	7.9	7.9	90	6.4	17	W	1.42	31	WNW	3.6	8.0	3.6	2.9	29.35	0.0	0.0	42	0.30	42	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.2	8.3	7.8	15	5
07/12/2018	09:45	8.0	8.0	7.9	89	6.3	10	W	0.83	20	W	5.1	8.1	5.1	4.9	29.37	0.0	0.0	41	0.29	42	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.2	8.3	7.8	14	5
07/12/2018	09:50	7.9	8.0	7.9	89	6.2	12	W	1.00	22	NW	4.5	8.0	4.6	4.2	29.37	0.0	0.0	36	0.26	40	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.2	8.3	7.8	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
07/12/2018	09:55	7.9	7.9	7.9	89	6.2	10	W	0.83	20	W	5.0	8.0	5.1	4.8	29.38	0.0	0.0	41	0.29	47	0	0.00	0.00	0.04	0.00	0.00	45	9.4	7.2	8.3	7.8	13	5
07/12/2018	10:00	7.9	7.9	7.9	88	6.1	12	W	1.00	30	W	4.5	8.0	4.6	4.5	29.37	0.0	0.0	51	0.37	51	0	0.00	0.00	0.04	0.00	0.03	45	9.4	7.2	8.3	7.8	11	5
07/12/2018	10:05	7.8	7.9	7.8	87	5.8	13	W	1.08	24	WNW	4.1	7.8	4.1	4.2	29.38	0.0	0.0	54	0.39	54	0	0.00	0.00	0.04	0.00	0.00	45	8.9	7.2	8.3	7.8	9	5
07/12/2018	10:10	7.8	7.8	7.8	85	5.4	16	WNW	1.33	40	WNW	3.5	7.8	3.5	3.6	29.37	0.0	0.0	55	0.39	58	0	0.00	0.00	0.04	0.00	0.00	45	8.9	7.2	8.3	7.8	4	5
07/12/2018	10:15	7.8	7.8	7.8	84	5.3	14	W	1.17	40	NW	3.9	7.8	3.9	4.1	29.38	0.0	0.0	59	0.42	60	0	0.00	0.00	0.04	0.00	0.00	45	8.9	7.2	8.3	7.8	3	5
07/12/2018	10:20	7.9	7.9	7.8	84	5.4	10	W	0.83	23	WSW	4.9	7.9	4.9	5.1	29.38	0.0	0.0	61	0.44	63	0	0.00	0.00	0.04	0.00	0.00	45	8.9	7.2	8.3	7.8	2	5
07/12/2018	10:25	7.8	7.9	7.8	84	5.3	10	W	0.83	23	W	4.8	7.8	4.8	5.1	29.38	0.0	0.0	64	0.46	67	0	0.00	0.00	0.04	0.00	0.00	45	8.9	7.2	8.3	7.8	0	5
07/12/2018	10:30	7.8	7.8	7.8	84	5.3	13	W	1.08	25	WNW	4.1	7.8	4.1	4.3	29.38	0.0	0.0	66	0.47	67	0	0.00	0.00	0.04	0.00	0.00	45	8.9	7.2	8.3	7.8	0	5
07/12/2018	10:35	7.8	7.8	7.8	84	5.3	9	W	0.75	18	WNW	5.2	7.8	5.2	5.4	29.38	0.0	0.0	64	0.46	67	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	7.8	0	5
07/12/2018	10:40	7.8	7.8	7.8	84	5.2	11	W	0.92	20	NW	4.6	7.8	4.6	4.8	29.39	0.0	0.0	65	0.47	67	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	7.8	0	5
07/12/2018	10:45	7.8	7.8	7.8	84	5.3	11	W	0.92	18	W	4.6	7.8	4.6	4.9	29.39	0.0	0.0	70	0.50	76	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	7.8	0	5
07/12/2018	10:50	7.8	7.8	7.8	84	5.2	9	W	0.75	17	W	5.1	7.8	5.1	5.4	29.38	0.0	0.0	71	0.51	77	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	7.8	0	5
07/12/2018	10:55	7.7	7.8	7.7	85	5.4	8	W	0.67	17	W	5.4	7.7	5.4	6.0	29.38	0.0	0.0	84	0.60	93	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.8	8.3	8.3	0	5
07/12/2018	11:00	7.7	7.8	7.7	84	5.2	10	W	0.83	27	W	4.7	7.7	4.7	5.5	29.38	0.0	0.0	93	0.67	98	0	0.00	0.00	0.04	0.00	0.05	46	8.9	7.8	8.3	8.3	0	5
07/12/2018	11:05	7.8	7.8	7.7	83	5.1	10	W	0.83	20	W	4.8	7.7	4.7	5.4	29.38	0.0	0.0	93	0.67	100	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	8.3	0	5
07/12/2018	11:10	7.8	7.8	7.8	82	4.9	10	W	0.83	25	WNW	4.8	7.8	4.8	5.8	29.38	0.0	0.0	111	0.80	148	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	8.9	0	5
07/12/2018	11:15	7.9	7.9	7.8	81	4.8	14	W	1.17	25	WNW	4.0	7.8	3.9	5.4	29.38	0.0	0.0	154	1.10	162	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	9.4	0	5
07/12/2018	11:20	7.9	7.9	7.9	82	5.1	11	W	0.92	22	W	4.7	7.9	4.7	6.3	29.38	0.0	0.0	144	1.03	162	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.7	8.3	9.4	0	5
07/12/2018	11:25	8.0	8.0	7.9	81	4.9	13	W	1.08	27	W	4.3	7.9	4.2	5.8	29.37	0.0	0.0	152	1.09	172	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	9.4	0	5
07/12/2018	11:30	8.1	8.1	8.0	81	5.0	11	W	0.92	20	W	4.9	7.9	4.8	5.6	29.38	0.0	0.0	100	0.72	169	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.7	8.3	10.0	0	5
07/12/2018	11:35	8.1	8.1	8.1	80	4.8	13	W	1.08	25	W	4.4	7.9	4.3	4.4	29.37	0.0	0.0	64	0.46	88	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.7	8.3	9.4	0	5
07/12/2018	11:40	8.0	8.1	8.0	78	4.4	14	W	1.17	25	W	4.1	7.8	3.9	4.7	29.36	0.0	0.0	100	0.72	111	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.7	8.3	8.9	0	5
07/12/2018	11:45	8.1	8.1	8.0	78	4.4	14	W	1.17	30	WNW	4.2	7.9	4.1	5.4	29.37	0.0	0.0	140	1.00	151	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.7	8.3	8.9	0	5
07/12/2018	11:50	8.1	8.1	8.1	78	4.5	14	W	1.17	29	WNW	4.3	7.9	4.1	5.1	29.37	0.0	0.0	112	0.80	137	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.7	8.3	8.9	0	5
07/12/2018	11:55	8.1	8.1	8.1	78	4.5	13	W	1.08	23	WNW	4.4	7.9	4.3	5.4	29.37	0.0	0.0	120	0.86	158	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.7	8.3	9.4	0	5
07/12/2018	12:00	8.2	8.2	8.1	78	4.6	13	W	1.08	24	W	4.5	8.0	4.3	5.5	29.37	0.0	0.0	127	0.91	153	0	0.00	0.00	0.04	0.00	0.10	46	8.9	6.7	8.3	8.9	0	5
07/12/2018	12:05	8.1	8.2	8.1	77	4.3	11	W	0.92	29	W	4.9	7.9	4.8	5.8	29.37	0.0	0.0	110	0.79	163	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.7	8.3	8.3	0	5
07/12/2018	12:10	8.1	8.1	8.1	78	4.4	14	W	1.17	27	W	4.2	7.9	4.1	6.2	29.37	0.0	0.0	193	1.38	216	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	8.9	0	5
07/12/2018	12:15	8.2	8.2	8.1	78	4.6	12	W	1.00	23	WNW	4.7	8.0	4.6	6.4	29.36	0.0	0.0	164	1.18	188	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	9.4	0	5
07/12/2018	12:20	8.2	8.2	8.2	78	4.6	12	W	1.00	31	W	4.8	8.1	4.7	6.9	29.37	0.0	0.0	195	1.40	214	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	9.4	0	5
07/12/2018	12:25	8.3	8.3	8.2	77	4.5	12	W	1.00	29	W	4.9	8.2	4.8	7.4	29.37	0.0	0.0	247	1.77	271	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.8	8.3	9.4	0	5
07/12/2018	12:30	8.3	8.4	8.3	76	4.3	15	W	1.25	26	W	4.3	8.2	4.2	6.3	29.37	0.0	0.0	207	1.48	225	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.8	8.3	8.9	0	5
07/12/2018	12:35	8.2	8.3	8.2	76	4.2	14	W	1.17	25	W	4.4	8.1	4.2	5.1	29.36	0.0	0.0	108	0.77	165	0	0.00	0.00	0.04	0.00	0.00	46	8.9	7.2	8.3	8.3	0	5
07/12/2018	12:40	8.0	8.2	8.0	76	4.0	13	W	1.08	24	SW	4.3	7.8	4.2	4.9	29.37	0.0	0.0	104	0.75	132	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.7	8.3	8.3	0	5
07/12/2018	12:45	7.9	8.0	7.9	77	4.1	13	W	1.08	22	W	4.2	7.7	4.0	3.6	29.36	0.0	0.0	37	0.27	67	0	0.00	0.00	0.04	0.00	0.00	46	8.9	6.1	8.3	7.8	0	5
07/12/2018	12:50	7.7	7.9	7.7	77	3.9	13	W	1.08	24	SW	3.9	7.5	3.8	3.1	29.37	0.0	0.0	26	0.19	32	0	0.00	0.00	0.04	0.00	0.00	46	8.3	6.1	8.3	7.2	0	5
07/12/2018	12:55	7.6	7.7	7.6	78	4.0	12	W	1.00	19	W	4.1	7.4	3.9	3.5	29.37	0.0	0.0	38	0.27	44	0	0.00	0.00	0.04	0.00	0.00	46	8.3	6.1	8.3	7.2	0	5
07/12/2018	13:00	7.4	7.6	7.4	78	3.8	12	W	1.00	25	W	3.8	7.2	3.7	3.6	29.37	0.0	0.0	53	0.38	56	0	0.00	0.00	0.04	0.00	0.10	46	8.3	6.1	8.3	7.2	0	5
07/12/2018	13:05	7.3	7.4	7.3	78	3.7	12	W	1.00	26	WSW	3.7	7.1	3.6	3.3	29.37	0.0	0.0	47	0.34	49	0	0.00	0.00	0.04	0.00	0.00	46	8.3	6.1	8.3	7.2	0	5
07/12/2018	13:10	7.2	7.3	7.2	79	3.8	12	W	1.00	22	W	3.7	7.1	3.6	4.2	29.37	0.0	0.0	89	0.64	151	0	0.00	0.00	0.04	0.00	0.00	47	8.3	6.1	8.3	7.2	0	5
07/12/2018	13:15	7.3	7.3	7.2	79	3.9	14	W	1.17	32	W	3.3	7.2	3.2	2.9	29.37	0.0	0.0	47	0.34	49	0	0.00	0.00	0.04	0.00	0.00	47	8.3	6.1	8.3	7.2	0	5
07/12/2018	13:20	7.3	7.3	7.3	78	3.7	14	W	1.17	26	W	3.3	7.2	3.2	2.7	29.38	0.0	0.0	35	0.25	49	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.6	8.3	7.2	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
07/12/2018	13:25	7.3	7.3	7.3	78	3.7	13	W	1.08	28	W	3.6	7.2	3.4	3.2	29.37	0.0	0.0	49	0.35	54	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.6	8.3	7.2	0	5
07/12/2018	13:30	7.4	7.4	7.3	77	3.6	12	W	1.00	26	WNW	3.8	7.2	3.7	3.6	29.38	0.0	0.0	51	0.37	65	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.6	8.3	7.2	0	5
07/12/2018	13:35	7.3	7.4	7.3	76	3.4	14	W	1.17	24	W	3.3	7.1	3.1	2.4	29.37	0.0	0.0	24	0.17	28	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.6	8.3	7.2	0	5
07/12/2018	13:40	7.2	7.3	7.2	76	3.3	12	W	1.00	25	W	3.7	7.0	3.4	2.7	29.38	0.0	0.0	21	0.15	23	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.6	8.3	7.2	0	5
07/12/2018	13:45	7.2	7.2	7.2	77	3.4	11	W	0.92	23	W	3.8	7.0	3.7	3.1	29.38	0.0	0.0	30	0.22	42	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.0	8.3	7.2	0	5
07/12/2018	13:50	7.1	7.2	7.1	77	3.3	11	W	0.92	25	W	3.8	6.9	3.6	3.6	29.39	0.0	0.0	57	0.41	60	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.6	8.3	7.2	0	5
07/12/2018	13:55	7.1	7.1	7.1	76	3.2	11	W	0.92	23	W	3.8	6.9	3.6	3.2	29.38	0.0	0.0	41	0.29	49	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.6	8.3	7.2	0	5
07/12/2018	14:00	7.1	7.2	7.1	76	3.2	12	W	1.00	21	W	3.6	6.9	3.3	3.2	29.38	0.0	0.0	47	0.34	56	0	0.00	0.00	0.04	0.00	0.05	47	8.3	5.0	7.8	7.2	0	5
07/12/2018	14:05	7.1	7.2	7.1	76	3.2	13	W	1.08	26	WSW	3.3	6.9	3.1	3.2	29.38	0.0	0.0	59	0.42	60	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.0	7.8	7.2	0	5
07/12/2018	14:10	7.1	7.1	7.1	75	2.9	16	W	1.33	29	WSW	2.7	6.8	2.5	2.4	29.38	0.0	0.0	54	0.39	58	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.0	7.8	7.2	0	5
07/12/2018	14:15	6.9	7.1	6.9	74	2.6	15	W	1.25	25	WNW	2.8	6.7	2.6	2.3	29.38	0.0	0.0	41	0.29	51	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.0	7.8	6.7	0	5
07/12/2018	14:20	6.9	6.9	6.9	75	2.8	13	W	1.08	22	WSW	3.1	6.7	2.8	2.2	29.38	0.0	0.0	27	0.19	30	0	0.00	0.00	0.04	0.00	0.00	47	8.3	5.0	7.8	6.7	0	5
07/12/2018	14:25	6.8	6.9	6.8	75	2.7	14	W	1.17	23	W	2.8	6.6	2.6	1.7	29.38	0.0	0.0	18	0.13	23	0	0.00	0.00	0.04	0.00	0.00	47	8.3	4.4	7.8	6.7	0	5
07/12/2018	14:30	6.8	6.8	6.8	75	2.7	13	W	1.08	31	W	2.9	6.6	2.7	1.9	29.38	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	48	8.3	4.4	7.8	6.7	0	5
07/12/2018	14:35	6.7	6.8	6.7	76	2.8	14	W	1.17	29	WNW	2.7	6.5	2.4	1.7	29.38	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	48	8.3	4.4	7.8	6.1	0	5
07/12/2018	14:40	6.7	6.7	6.7	76	2.7	13	W	1.08	28	W	2.8	6.4	2.6	1.8	29.38	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	48	8.3	4.4	7.8	6.1	0	5
07/12/2018	14:45	6.6	6.7	6.6	76	2.7	14	W	1.17	27	W	2.6	6.4	2.3	1.6	29.38	0.0	0.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.00	48	8.3	4.4	7.8	6.1	0	5
07/12/2018	14:50	6.6	6.6	6.6	75	2.4	13	W	1.08	28	W	2.7	6.3	2.4	1.6	29.38	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	48	8.3	4.4	7.8	6.1	0	5
07/12/2018	14:55	6.5	6.6	6.5	76	2.6	13	W	1.08	25	W	2.6	6.3	2.4	1.2	29.38	0.0	0.0	19	0.14	25	0	0.00	0.00	0.04	0.00	0.00	48	8.3	4.4	7.8	6.1	1	5
07/12/2018	15:00	6.4	6.5	6.4	77	2.7	10	W	0.83	20	W	3.2	6.3	3.1	1.7	29.38	0.0	0.0	21	0.15	23	0	0.00	0.00	0.04	0.00	0.05	48	8.3	5.0	7.8	6.1	1	5
07/12/2018	15:05	6.4	6.5	6.4	78	2.9	9	W	0.75	22	W	3.5	6.3	3.3	1.9	29.39	0.0	0.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.00	48	7.8	5.0	7.8	6.1	2	5
07/12/2018	15:10	6.4	6.4	6.4	78	2.8	7	W	0.58	17	WNW	4.1	6.2	3.9	2.3	29.39	0.0	0.0	11	0.08	16	0	0.00	0.00	0.04	0.00	0.00	48	7.8	5.0	7.8	6.1	0	5
07/12/2018	15:15	6.3	6.4	6.3	80	3.1	8	W	0.67	17	W	3.7	6.2	3.6	2.0	29.39	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	48	7.8	5.0	7.8	6.1	0	5
07/12/2018	15:20	6.3	6.3	6.2	80	3.1	9	W	0.75	16	W	3.3	6.1	3.2	1.7	29.39	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	48	7.8	5.0	7.8	6.1	0	5
07/12/2018	15:25	6.2	6.2	6.2	80	3.0	9	WSW	0.75	16	W	3.2	6.1	3.1	1.6	29.39	0.0	0.0	7	0.05	9	0	0.00	0.00	0.04	0.00	0.00	48	7.8	5.0	7.8	6.1	0	5
07/12/2018	15:30	6.2	6.2	6.2	81	3.1	8	SW	0.67	15	W	3.5	6.0	3.3	1.7	29.38	0.0	0.0	4	0.03	5	0	0.00	0.00	0.04	0.00	0.00	48	7.8	4.4	7.8	6.1	0	5
07/12/2018	15:35	6.2	6.2	6.2	81	3.1	8	SW	0.67	17	W	3.5	6.0	3.3	1.7	29.38	0.0	0.0	4	0.03	5	0	0.00	0.00	0.04	0.00	0.00	48	7.8	5.0	7.8	6.1	0	5
07/12/2018	15:40	6.3	6.3	6.2	81	3.3	9	W	0.75	16	WSW	3.3	6.2	3.2	1.7	29.39	0.0	0.0	2	0.01	5	0	0.00	0.00	0.04	0.00	0.00	48	7.8	5.0	7.8	5.6	15	5
07/12/2018	15:45	6.3	6.3	6.2	81	3.3	8	W	0.67	15	W	3.7	6.2	3.6	1.9	29.39	0.0	0.0	4	0.03	7	0	0.00	0.00	0.04	0.00	0.00	48	7.8	4.4	7.8	5.6	15	5
07/12/2018	15:50	6.2	6.3	6.2	82	3.4	8	W	0.67	17	WNW	3.6	6.1	3.4	1.8	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.8	4.4	7.8	5.0	15	5
07/12/2018	15:55	6.2	6.3	6.2	82	3.3	10	WNW	0.83	18	NW	2.9	6.1	2.8	1.2	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.8	3.3	7.8	5.0	15	5
07/12/2018	16:00	5.9	6.2	5.9	83	3.3	12	WNW	1.00	22	NW	2.2	5.8	2.1	0.6	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	48	7.8	3.9	7.8	4.4	15	5
07/12/2018	16:05	5.8	5.9	5.8	83	3.1	12	W	1.00	24	W	2.0	5.7	1.9	0.4	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.8	3.9	7.8	5.0	15	5
07/12/2018	16:10	5.8	5.8	5.8	83	3.1	12	WSW	1.00	23	W	2.0	5.7	1.9	0.4	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.8	3.9	7.8	5.6	15	5
07/12/2018	16:15	5.9	5.9	5.8	82	3.0	16	W	1.33	34	W	1.4	5.8	1.3	0.0	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.8	3.9	7.8	5.6	15	5
07/12/2018	16:20	5.9	5.9	5.9	82	3.1	13	W	1.08	26	W	2.0	5.8	1.9	0.5	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.8	3.9	7.8	5.6	15	5
07/12/2018	16:25	5.9	5.9	5.9	82	3.1	12	W	1.00	22	WSW	2.2	5.8	2.1	0.6	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.8	3.9	7.8	5.6	15	5
07/12/2018	16:30	5.9	5.9	5.9	81	2.9	13	W	1.08	27	W	1.9	5.7	1.8	0.4	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	7.8	3.3	7.8	5.6	14	5
07/12/2018	16:35	5.9	5.9	5.8	81	2.9	11	W	0.92	23	W	2.3	5.7	2.2	0.7	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	7.8	3.3	7.8	5.6	6	5
07/12/2018	16:40	5.8	5.9	5.8	82	3.0	10	W	0.83	20	W	2.6	5.7	2.4	0.9	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	7.8	3.3	7.8	5.6	0	5
07/12/2018	16:45	5.8	5.8	5.8	82	2.9	9	W	0.75	22	SW	2.7	5.7	2.6	1.0	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	7.8	3.3	7.8	5.0	0	5
07/12/2018	16:50	5.7	5.8	5.7	82	2.9	11	W	0.92	26	W	2.2	5.6	2.1	0.6	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	7.8	3.3	7.8	5.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
07/12/2018	16:55	5.7	5.7	5.7	82	2.8	13	W	1.08	24	W	1.7	5.5	1.5	0.1	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	7.8	3.3	7.8	5.0	0	5
07/12/2018	17:00	5.6	5.7	5.6	82	2.8	12	W	1.00	26	W	1.8	5.4	1.6	0.2	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	49	7.8	3.3	7.8	5.0	0	5
07/12/2018	17:05	5.6	5.6	5.6	82	2.8	13	WSW	1.08	25	SW	1.6	5.4	1.4	0.1	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	7.8	3.3	7.8	5.0	0	5
07/12/2018	17:10	5.6	5.6	5.6	82	2.8	14	W	1.17	25	W	1.4	5.4	1.2	-0.2	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	7.8	3.3	7.8	5.0	0	5
07/12/2018	17:15	5.6	5.6	5.6	82	2.7	14	W	1.17	24	WSW	1.3	5.4	1.2	-0.2	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	7.8	3.3	7.8	5.0	0	5
07/12/2018	17:20	5.5	5.6	5.5	82	2.7	17	W	1.42	30	W	0.8	5.3	0.6	-0.6	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	3.3	7.8	5.0	0	5
07/12/2018	17:25	5.5	5.5	5.4	82	2.7	14	W	1.17	26	WSW	1.3	5.3	1.1	-0.3	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	3.3	7.8	5.0	0	5
07/12/2018	17:30	5.4	5.5	5.4	82	2.6	15	W	1.25	29	W	1.1	5.3	0.9	-0.4	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	3.3	7.8	5.0	0	5
07/12/2018	17:35	5.4	5.4	5.4	82	2.6	14	W	1.17	23	W	1.2	5.2	1.0	-0.4	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	3.3	7.8	5.0	0	5
07/12/2018	17:40	5.4	5.4	5.4	83	2.7	12	W	1.00	25	W	1.6	5.3	1.4	0.0	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	5.0	0	5
07/12/2018	17:45	5.3	5.4	5.3	83	2.7	15	W	1.25	30	SSW	0.9	5.2	0.8	-0.5	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	5.0	0	5
07/12/2018	17:50	5.3	5.3	5.3	83	2.6	14	WSW	1.17	23	WSW	1.0	5.2	0.9	-0.5	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	5.0	0	5
07/12/2018	17:55	5.2	5.3	5.2	83	2.6	16	W	1.33	30	W	0.6	5.1	0.5	-0.8	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:00	5.2	5.2	5.2	84	2.7	14	WSW	1.17	24	W	0.9	5.1	0.8	-0.6	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	49	7.2	2.8	7.8	4.4	0	5
07/12/2018	18:05	5.1	5.2	5.1	84	2.6	15	WSW	1.25	27	W	0.7	5.0	0.6	-0.8	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	4.4	0	5
07/12/2018	18:10	5.1	5.1	5.1	84	2.6	20	W	1.67	36	W	-0.1	5.0	-0.2	-1.4	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:15	5.1	5.1	5.1	84	2.6	17	W	1.42	30	W	0.3	5.0	0.2	-1.0	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:20	5.1	5.2	5.1	83	2.5	17	W	1.42	33	WSW	0.3	5.0	0.2	-1.0	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:25	5.2	5.2	5.1	83	2.5	16	W	1.33	31	W	0.6	5.1	0.4	-0.8	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:30	5.2	5.2	5.2	83	2.5	18	W	1.50	36	W	0.3	5.1	0.2	-1.1	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:35	5.3	5.3	5.2	83	2.6	19	W	1.58	42	W	0.3	5.2	0.2	-1.0	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:40	5.3	5.3	5.2	83	2.6	20	W	1.67	36	W	0.1	5.2	0.0	-1.2	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:45	5.3	5.3	5.3	83	2.6	17	W	1.42	32	WSW	0.6	5.2	0.4	-0.8	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:50	5.2	5.3	5.2	83	2.6	17	W	1.42	30	W	0.4	5.1	0.3	-0.9	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	7.2	2.8	7.8	5.0	0	5
07/12/2018	18:55	5.2	5.2	5.2	83	2.5	16	W	1.33	29	WSW	0.6	5.1	0.4	-0.8	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	7.2	2.8	7.8	5.0	0	5
07/12/2018	19:00	5.2	5.2	5.2	83	2.5	15	W	1.25	27	WSW	0.7	5.1	0.6	-0.7	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.05	50	7.2	2.8	7.8	5.0	0	5
07/12/2018	19:05	5.2	5.2	5.2	83	2.6	13	W	1.08	27	SSW	1.2	5.1	1.1	-0.3	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	50	7.2	2.8	7.8	5.0	0	5
07/12/2018	19:10	5.2	5.3	5.2	83	2.6	15	W	1.25	27	SW	0.8	5.1	0.7	-0.7	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	3.3	7.8	5.0	0	5
07/12/2018	19:15	5.3	5.3	5.2	83	2.6	16	W	1.33	33	WSW	0.7	5.2	0.6	-0.7	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	3.3	7.8	5.0	0	5
07/12/2018	19:20	5.3	5.3	5.3	83	2.7	13	WSW	1.08	24	W	1.3	5.2	1.2	-0.2	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	2.8	7.8	5.0	0	5
07/12/2018	19:25	5.3	5.3	5.3	82	2.5	14	WSW	1.17	29	WSW	1.1	5.2	0.9	-0.4	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	2.8	7.8	5.0	0	5
07/12/2018	19:30	5.4	5.4	5.3	83	2.7	14	WSW	1.17	27	W	1.2	5.3	1.1	-0.3	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	3.3	7.8	5.0	0	5
07/12/2018	19:35	5.4	5.4	5.4	83	2.7	14	WSW	1.17	28	SW	1.2	5.3	1.1	-0.3	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	3.3	7.8	5.0	2	5
07/12/2018	19:40	5.4	5.4	5.4	83	2.8	16	W	1.33	25	WSW	0.9	5.3	0.8	-0.5	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	3.3	7.8	5.0	0	5
07/12/2018	19:45	5.5	5.5	5.4	83	2.8	17	W	1.42	32	W	0.8	5.4	0.7	-0.6	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	49	6.7	3.3	7.8	5.6	0	5
07/12/2018	19:50	5.6	5.6	5.5	83	2.9	15	W	1.25	28	W	1.2	5.4	1.1	-0.3	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	2.8	7.8	5.6	0	5
07/12/2018	19:55	5.6	5.6	5.6	83	2.9	16	W	1.33	29	W	1.1	5.5	0.9	-0.3	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:00	5.6	5.7	5.6	83	2.9	16	W	1.33	30	WSW	1.1	5.5	0.9	-0.3	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:05	5.7	5.7	5.7	83	3.1	16	W	1.33	28	WSW	1.2	5.6	1.1	-0.2	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:10	5.8	5.8	5.7	83	3.1	15	WSW	1.25	26	SW	1.4	5.7	1.3	-0.1	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:15	5.8	5.8	5.8	83	3.1	14	WSW	1.17	25	WSW	1.6	5.7	1.5	0.1	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:20	5.8	5.8	5.8	83	3.2	13	W	1.08	26	SW	1.8	5.7	1.7	0.3	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
07/12/2018	20:25	5.8	5.8	5.8	83	3.2	13	WSW	1.08	24	WSW	1.8	5.7	1.7	0.3	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:30	5.9	5.9	5.8	83	3.2	15	WSW	1.25	25	SW	1.6	5.8	1.4	0.1	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:35	5.9	5.9	5.9	83	3.2	14	WSW	1.17	26	WSW	1.7	5.8	1.6	0.2	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:40	5.9	5.9	5.9	83	3.3	16	W	1.33	27	SW	1.4	5.8	1.3	0.1	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:45	5.9	6.0	5.9	83	3.3	12	WSW	1.00	20	W	2.2	5.8	2.1	0.6	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	7.2	5.6	0	5
07/12/2018	20:50	6.1	6.1	5.9	84	3.6	15	SW	1.25	30	WSW	1.7	6.0	1.7	0.4	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	0	5
07/12/2018	20:55	6.1	6.1	6.0	84	3.6	15	SW	1.25	25	SW	1.8	6.1	1.7	0.4	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	6.1	0	5
07/12/2018	21:00	6.2	6.2	6.1	84	3.7	15	WSW	1.25	28	SW	1.8	6.1	1.8	0.5	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	49	6.7	4.4	7.2	6.1	0	5
07/12/2018	21:05	6.2	6.2	6.2	84	3.7	13	SW	1.08	27	SW	2.3	6.2	2.2	0.8	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	0	5
07/12/2018	21:10	6.2	6.2	6.2	84	3.7	12	SW	1.00	19	SW	2.5	6.2	2.4	1.1	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	0	5
07/12/2018	21:15	6.2	6.2	6.2	84	3.7	14	SW	1.17	23	SSW	2.1	6.2	2.1	0.7	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	0	5
07/12/2018	21:20	6.2	6.2	6.2	84	3.7	15	SW	1.25	24	WSW	1.9	6.2	1.8	0.6	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	0	5
07/12/2018	21:25	6.2	6.2	6.2	84	3.7	14	SW	1.17	27	SW	2.1	6.1	2.0	0.7	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	0	5
07/12/2018	21:30	6.2	6.2	6.2	84	3.7	14	SW	1.17	27	WSW	2.1	6.1	2.0	0.7	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.6	0	5
07/12/2018	21:35	6.1	6.2	6.1	84	3.6	16	WSW	1.33	35	WSW	1.6	6.1	1.6	0.3	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	6.1	0	5
07/12/2018	21:40	6.2	6.2	6.1	84	3.7	16	WSW	1.33	29	W	1.7	6.2	1.7	0.4	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	6.1	2	5
07/12/2018	21:45	6.3	6.3	6.2	84	3.8	15	WSW	1.25	31	W	2.0	6.2	1.9	0.7	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	6.1	0	5
07/12/2018	21:50	6.3	6.3	6.3	85	4.0	14	WSW	1.17	27	WSW	2.2	6.3	2.2	0.8	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	3	5
07/12/2018	21:55	6.3	6.4	6.3	84	3.8	14	WSW	1.17	24	WSW	2.2	6.3	2.2	0.8	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	6.1	3	5
07/12/2018	22:00	6.4	6.4	6.3	85	4.0	15	WSW	1.25	29	W	2.1	6.3	2.1	0.8	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	49	6.7	3.9	7.2	5.6	15	5
07/12/2018	22:05	6.4	6.4	6.4	86	4.2	16	W	1.33	29	WSW	1.9	6.3	1.9	0.7	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.0	15	5
07/12/2018	22:10	6.4	6.4	6.4	86	4.2	19	W	1.58	35	W	1.5	6.3	1.4	0.3	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.6	15	5
07/12/2018	22:15	6.4	6.4	6.4	87	4.4	17	WSW	1.42	29	WSW	1.8	6.4	1.8	0.6	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	6.1	15	5
07/12/2018	22:20	6.4	6.4	6.4	87	4.4	18	W	1.50	34	SW	1.7	6.4	1.7	0.6	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	15	5
07/12/2018	22:25	6.4	6.4	6.4	87	4.4	18	WSW	1.50	37	W	1.7	6.4	1.7	0.6	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	5.6	15	5
07/12/2018	22:30	6.4	6.4	6.4	87	4.4	19	WSW	1.58	38	WNW	1.6	6.4	1.6	0.4	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	5.6	15	5
07/12/2018	22:35	6.4	6.4	6.4	87	4.4	18	WSW	1.50	31	SW	1.7	6.4	1.7	0.6	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	15	5
07/12/2018	22:40	6.4	6.4	6.4	88	4.6	18	SW	1.50	32	WNW	1.7	6.4	1.7	0.6	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	15	5
07/12/2018	22:45	6.6	6.6	6.4	87	4.5	17	WSW	1.42	31	W	2.0	6.6	2.0	0.8	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	13	5
07/12/2018	22:50	6.6	6.6	6.6	87	4.6	18	W	1.50	28	WSW	1.9	6.6	1.9	0.8	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.7	13	5
07/12/2018	22:55	6.7	6.7	6.6	87	4.7	15	W	1.25	28	W	2.4	6.7	2.4	1.2	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	5.6	15	5
07/12/2018	23:00	6.7	6.7	6.7	88	4.9	20	WSW	1.67	34	WSW	1.7	6.7	1.7	0.7	29.36	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	49	6.7	4.4	7.2	5.6	15	5
07/12/2018	23:05	6.7	6.7	6.7	88	4.9	19	WSW	1.58	35	W	1.9	6.7	1.9	0.8	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	15	5
07/12/2018	23:10	6.7	6.8	6.7	88	4.9	21	W	1.75	33	WSW	1.6	6.7	1.6	0.6	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	15	5
07/12/2018	23:15	6.8	6.8	6.7	88	4.9	18	WSW	1.50	31	W	2.1	6.8	2.1	0.9	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	15	5
07/12/2018	23:20	6.8	6.8	6.8	88	4.9	20	W	1.67	37	W	1.8	6.8	1.8	0.7	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	5.6	15	5
07/12/2018	23:25	6.7	6.8	6.7	89	5.0	21	W	1.75	36	W	1.6	6.8	1.7	0.6	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	5.6	15	5
07/12/2018	23:30	6.7	6.7	6.7	89	5.0	19	WSW	1.58	33	W	1.8	6.7	1.9	0.8	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	15	5
07/12/2018	23:35	6.6	6.7	6.6	90	5.1	17	W	1.42	33	W	2.1	6.7	2.1	0.9	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	15	5
07/12/2018	23:40	6.6	6.6	6.6	90	5.1	16	WSW	1.33	30	SSW	2.2	6.7	2.3	1.1	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	15	5
07/12/2018	23:45	6.6	6.6	6.6	90	5.0	17	WSW	1.42	29	WSW	2.0	6.6	2.1	0.9	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	15	5
07/12/2018	23:50	6.6	6.6	6.6	90	5.0	17	WSW	1.42	35	W	2.0	6.6	2.1	0.9	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
07/12/2018	23:55	6.6	6.6	6.6	90	5.0	17	W	1.42	32	W	2.0	6.6	2.1	0.9	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	7.2	6.1	15	5
08/12/2018	00:00	6.7	6.7	6.6	90	5.1	19	W	1.58	38	W	1.8	6.7	1.9	0.8	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	49	6.7	5.0	7.2	6.1	15	5
08/12/2018	00:05	6.8	6.8	6.7	90	5.3	16	WSW	1.33	30	W	2.4	6.8	2.4	1.2	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	5.0	7.2	6.1	15	5
08/12/2018	00:10	6.8	6.8	6.8	90	5.3	18	WSW	1.50	35	WSW	2.2	6.9	2.2	1.1	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	5.0	7.2	6.7	15	5
08/12/2018	00:15	6.9	6.9	6.8	90	5.4	17	SW	1.42	32	W	2.4	7.0	2.4	1.3	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	15	5
08/12/2018	00:20	6.9	6.9	6.9	89	5.3	16	WSW	1.33	30	WNW	2.6	7.0	2.7	1.4	29.37	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	5.6	15	5
08/12/2018	00:25	6.9	6.9	6.9	90	5.4	17	WSW	1.42	29	SW	2.4	7.0	2.4	1.3	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	5.6	15	5
08/12/2018	00:30	6.9	6.9	6.9	90	5.4	16	WSW	1.33	27	W	2.6	7.0	2.7	1.4	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	5.6	15	5
08/12/2018	00:35	6.9	6.9	6.9	90	5.4	16	WSW	1.33	27	WSW	2.6	7.0	2.7	1.4	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	15	5
08/12/2018	00:40	6.9	6.9	6.9	89	5.3	17	WSW	1.42	37	WSW	2.4	7.0	2.4	1.3	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	15	5
08/12/2018	00:45	7.1	7.1	6.9	89	5.4	18	W	1.50	32	WSW	2.4	7.1	2.4	1.3	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.7	15	5
08/12/2018	00:50	7.2	7.2	7.1	89	5.5	19	W	1.58	32	W	2.4	7.2	2.4	1.3	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.7	15	5
08/12/2018	00:55	7.3	7.3	7.2	88	5.4	17	WSW	1.42	30	WSW	2.8	7.3	2.8	1.6	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.7	15	5
08/12/2018	01:00	7.3	7.3	7.3	88	5.5	18	W	1.50	34	WSW	2.7	7.3	2.7	1.6	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	48	6.7	5.0	7.2	6.7	15	5
08/12/2018	01:05	7.3	7.3	7.3	88	5.5	17	W	1.42	31	SSW	2.8	7.3	2.8	1.7	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	15	5
08/12/2018	01:10	7.3	7.3	7.2	88	5.4	17	WSW	1.42	31	SW	2.8	7.3	2.8	1.6	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	5.6	15	5
08/12/2018	01:15	7.2	7.2	7.2	88	5.3	17	W	1.42	34	W	2.7	7.2	2.7	1.5	29.35	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	15	5
08/12/2018	01:20	7.2	7.2	7.2	89	5.5	19	W	1.58	35	SSW	2.4	7.2	2.4	1.3	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	15	5
08/12/2018	01:25	7.1	7.2	7.1	89	5.4	19	WSW	1.58	37	WSW	2.3	7.2	2.4	1.3	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	15	5
08/12/2018	01:30	7.1	7.1	7.1	90	5.5	17	W	1.42	32	WNW	2.6	7.1	2.6	1.4	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	5.6	15	5
08/12/2018	01:35	7.1	7.1	7.1	90	5.5	16	WSW	1.33	29	W	2.7	7.1	2.8	1.6	29.36	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	5.6	15	5
08/12/2018	01:40	7.0	7.1	7.0	90	5.5	19	W	1.58	33	WSW	2.2	7.1	2.3	1.2	29.36	0.4	4.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	5.6	15	5
08/12/2018	01:45	6.9	7.0	6.9	91	5.6	15	WSW	1.25	27	WSW	2.8	7.0	2.8	1.6	29.36	0.2	3.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	5.6	15	5
08/12/2018	01:50	6.8	6.9	6.8	91	5.5	15	W	1.25	25	W	2.6	6.9	2.7	1.4	29.36	0.2	4.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	5.6	15	5
08/12/2018	01:55	6.8	6.8	6.8	92	5.6	14	WSW	1.17	27	WNW	2.7	6.8	2.8	1.5	29.36	0.2	4.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	5.6	15	5
08/12/2018	02:00	6.7	6.8	6.7	92	5.5	14	W	1.17	30	WSW	2.7	6.8	2.7	1.4	29.37	0.2	2.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	5.6	7.2	5.6	15	5
08/12/2018	02:05	6.7	6.7	6.7	92	5.5	12	WSW	1.00	20	WNW	3.1	6.8	3.1	1.7	29.37	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	5.6	15	5
08/12/2018	02:10	6.7	6.7	6.7	93	5.6	12	WSW	1.00	24	SSW	3.0	6.8	3.1	1.7	29.37	0.2	2.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	5.6	15	5
08/12/2018	02:15	6.7	6.7	6.7	93	5.6	13	W	1.08	27	W	2.8	6.8	2.9	1.6	29.37	0.2	2.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	5.6	15	5
08/12/2018	02:20	6.7	6.7	6.7	93	5.6	13	WSW	1.08	24	W	2.8	6.8	2.9	1.6	29.37	0.0	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	5.6	15	5
08/12/2018	02:25	6.7	6.7	6.7	94	5.8	13	W	1.08	25	W	2.8	6.8	2.9	1.6	29.37	0.2	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	5.6	15	5
08/12/2018	02:30	6.7	6.7	6.7	94	5.8	11	W	0.92	23	WSW	3.3	6.8	3.4	2.0	29.36	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	02:35	6.7	6.7	6.7	94	5.8	12	WSW	1.00	24	SW	3.1	6.8	3.2	1.8	29.36	0.2	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	02:40	6.8	6.8	6.7	94	5.9	16	W	1.33	30	WSW	2.4	6.9	2.5	1.3	29.36	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	02:45	6.8	6.8	6.8	94	5.9	17	W	1.42	28	SW	2.3	6.9	2.4	1.2	29.36	0.2	2.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	02:50	6.9	6.9	6.8	94	6.0	16	W	1.33	30	W	2.5	7.0	2.6	1.4	29.37	0.4	3.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	02:55	6.9	6.9	6.9	94	6.0	14	W	1.17	26	SSW	2.8	7.0	2.9	1.7	29.37	0.4	6.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	03:00	6.9	6.9	6.9	94	6.0	18	W	1.50	36	W	2.2	7.0	2.3	1.2	29.36	0.2	4.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	03:05	7.0	7.0	6.9	94	6.1	17	W	1.42	28	W	2.5	7.1	2.6	1.4	29.36	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	03:10	7.1	7.1	7.0	94	6.2	19	W	1.58	40	W	2.3	7.2	2.4	1.3	29.36	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	03:15	7.1	7.1	7.1	94	6.2	17	W	1.42	37	W	2.6	7.2	2.7	1.6	29.36	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	03:20	7.2	7.2	7.1	94	6.3	21	W	1.75	37	W	2.1	7.3	2.2	1.2	29.37	0.0	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
08/12/2018	03:25	7.2	7.2	7.2	94	6.3	18	W	1.50	36	W	2.6	7.3	2.7	1.6	29.37	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	03:30	7.3	7.3	7.2	94	6.4	18	W	1.50	35	WNW	2.7	7.4	2.8	1.7	29.36	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	03:35	7.3	7.3	7.3	94	6.4	18	W	1.50	34	W	2.7	7.4	2.8	1.7	29.37	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	03:40	7.3	7.3	7.3	94	6.4	17	W	1.42	31	W	2.8	7.4	2.9	1.8	29.37	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	03:45	7.3	7.3	7.3	94	6.4	16	W	1.33	33	WSW	3.0	7.4	3.1	1.9	29.37	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	03:50	7.3	7.4	7.3	94	6.4	17	W	1.42	42	W	2.8	7.4	2.9	1.8	29.37	0.2	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	03:55	7.4	7.4	7.3	94	6.5	17	W	1.42	32	W	2.9	7.5	3.1	1.9	29.37	0.2	2.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:00	7.4	7.4	7.4	94	6.5	14	W	1.17	29	WSW	3.4	7.5	3.6	2.3	29.37	0.0	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:05	7.4	7.4	7.4	94	6.5	17	W	1.42	32	W	2.9	7.5	3.1	1.9	29.38	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:10	7.4	7.4	7.4	94	6.5	20	W	1.67	34	W	2.6	7.6	2.7	1.6	29.37	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:15	7.4	7.5	7.4	94	6.5	15	W	1.25	29	WNW	3.3	7.6	3.4	2.2	29.38	0.4	6.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:20	7.4	7.4	7.4	94	6.5	14	W	1.17	27	W	3.5	7.6	3.6	2.4	29.38	0.4	7.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:25	7.4	7.4	7.4	94	6.5	17	W	1.42	38	WNW	3.0	7.6	3.1	2.0	29.37	0.2	5.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:30	7.4	7.5	7.4	94	6.5	18	W	1.50	32	NW	2.8	7.6	2.9	1.8	29.38	0.2	3.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:35	7.5	7.5	7.4	94	6.6	15	W	1.25	27	NW	3.4	7.6	3.5	2.3	29.38	0.6	10.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:40	7.4	7.5	7.4	94	6.5	18	W	1.50	42	WNW	2.8	7.6	2.9	1.8	29.38	0.0	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:45	7.5	7.5	7.4	94	6.6	19	W	1.58	39	NW	2.8	7.6	2.9	1.8	29.38	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	6.7	6.1	7.2	6.7	15	5
08/12/2018	04:50	7.7	7.7	7.5	93	6.6	24	W	2.00	43	W	2.3	7.8	2.4	1.5	29.38	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	6.7	6.1	7.2	7.2	15	5
08/12/2018	04:55	7.8	7.8	7.7	91	6.5	23	W	1.92	43	W	2.6	7.9	2.7	1.7	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	46	6.7	6.1	7.2	7.8	15	5
08/12/2018	05:00	7.8	7.8	7.8	91	6.5	20	W	1.67	37	WNW	3.0	7.9	3.1	2.0	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	5.6	7.2	7.8	15	5
08/12/2018	05:05	7.8	7.9	7.8	91	6.5	22	W	1.83	41	WNW	2.7	7.9	2.8	1.8	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	05:10	7.7	7.8	7.7	91	6.3	19	W	1.58	37	W	3.0	7.8	3.1	2.0	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	05:15	7.7	7.8	7.7	91	6.3	19	W	1.58	35	WSW	2.9	7.7	3.0	1.9	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	05:20	7.8	7.8	7.7	91	6.4	20	W	1.67	37	W	2.9	7.8	3.0	1.9	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	05:25	7.8	7.8	7.7	90	6.3	22	W	1.83	39	W	2.7	7.9	2.8	1.8	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	05:30	7.9	7.9	7.8	90	6.3	21	W	1.75	39	W	2.9	7.9	3.0	2.0	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.8	15	5
08/12/2018	05:35	7.9	7.9	7.9	89	6.2	21	W	1.75	37	WNW	3.0	8.0	3.1	2.1	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.8	15	5
08/12/2018	05:40	7.9	8.0	7.9	89	6.2	17	W	1.42	33	W	3.6	8.0	3.6	2.5	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	05:45	8.0	8.0	7.9	89	6.3	22	W	1.83	46	WNW	2.9	8.1	3.0	2.0	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	05:50	8.0	8.1	8.0	89	6.3	19	W	1.58	36	WNW	3.3	8.1	3.4	2.3	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	05:55	8.1	8.1	8.1	88	6.2	20	W	1.67	34	WSW	3.3	8.2	3.4	2.3	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.8	15	5
08/12/2018	06:00	8.1	8.1	8.1	89	6.4	17	W	1.42	29	WSW	3.8	8.2	3.8	2.7	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	6.1	7.2	7.2	15	5
08/12/2018	06:05	8.1	8.1	8.1	89	6.4	15	W	1.25	33	W	4.0	8.1	4.1	2.8	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	06:10	7.9	8.1	7.9	89	6.2	17	W	1.42	32	WNW	3.6	8.0	3.6	2.5	29.41	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	06:15	7.9	7.9	7.8	90	6.3	15	W	1.25	29	W	3.8	7.9	3.8	2.6	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	06:20	7.7	7.9	7.7	91	6.3	18	W	1.50	33	W	3.2	7.8	3.2	2.1	29.41	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	06:25	7.7	7.7	7.7	91	6.3	17	W	1.42	36	W	3.3	7.7	3.3	2.2	29.42	0.2	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	06:30	7.6	7.7	7.6	91	6.2	15	W	1.25	32	WNW	3.5	7.7	3.6	2.3	29.43	0.2	2.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	06:35	7.6	7.6	7.6	92	6.3	16	W	1.33	28	W	3.3	7.7	3.4	2.2	29.43	0.0	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	06:40	7.6	7.6	7.6	92	6.3	14	W	1.17	32	NW	3.6	7.7	3.7	2.5	29.42	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	06:45	7.6	7.6	7.6	92	6.4	17	W	1.42	38	WNW	3.2	7.7	3.3	2.2	29.43	0.0	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	06:50	7.6	7.6	7.6	92	6.4	13	W	1.08	29	W	3.9	7.7	4.0	2.7	29.43	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
08/12/2018	06:55	7.5	7.6	7.5	92	6.3	13	W	1.08	27	WNW	3.8	7.6	3.9	2.6	29.43	0.4	5.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	07:00	7.4	7.5	7.4	92	6.2	12	W	1.00	24	WNW	3.8	7.5	3.9	2.6	29.43	0.2	4.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	07:05	7.3	7.4	7.3	93	6.3	15	W	1.25	32	W	3.2	7.4	3.3	2.1	29.43	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	07:10	7.3	7.3	7.3	93	6.3	15	W	1.25	37	W	3.2	7.4	3.3	2.1	29.42	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	07:15	7.4	7.4	7.3	93	6.3	17	W	1.42	41	W	2.9	7.5	3.1	1.9	29.43	0.0	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	07:20	7.4	7.4	7.4	92	6.2	17	W	1.42	34	W	3.0	7.6	3.1	2.0	29.43	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	07:25	7.4	7.4	7.4	92	6.2	19	W	1.58	36	W	2.7	7.6	2.8	1.7	29.43	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	07:30	7.4	7.4	7.4	92	6.2	15	W	1.25	31	WNW	3.2	7.5	3.3	2.1	29.43	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	07:35	7.4	7.4	7.4	92	6.2	18	W	1.50	33	WNW	2.8	7.6	2.9	1.8	29.43	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	07:40	7.4	7.4	7.4	92	6.2	17	W	1.42	30	WSW	3.0	7.6	3.1	2.0	29.44	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	07:45	7.4	7.4	7.4	91	6.1	18	W	1.50	37	WNW	2.8	7.5	2.9	1.8	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	07:50	7.5	7.5	7.4	91	6.1	17	WNW	1.42	28	W	3.1	7.6	3.1	2.0	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	07:55	7.5	7.5	7.4	90	6.0	16	W	1.33	32	WNW	3.2	7.6	3.3	2.1	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.0	7.2	6.7	15	5
08/12/2018	08:00	7.6	7.6	7.4	90	6.0	16	W	1.33	34	W	3.3	7.6	3.3	2.1	29.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	08:05	7.6	7.6	7.6	90	6.1	19	W	1.58	34	NW	2.9	7.7	2.9	1.8	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	08:10	7.6	7.6	7.6	90	6.0	18	W	1.50	33	W	3.0	7.6	3.1	1.9	29.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	08:15	7.6	7.6	7.6	90	6.0	19	W	1.58	40	WNW	2.8	7.6	2.9	1.8	29.44	0.0	0.0	2	0.01	5	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	08:20	7.6	7.6	7.6	90	6.1	16	W	1.33	35	W	3.3	7.7	3.4	2.2	29.44	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	08:25	7.7	7.7	7.6	90	6.1	20	W	1.67	37	W	2.8	7.7	2.9	1.9	29.44	0.0	0.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	08:30	7.7	7.7	7.7	89	6.0	17	W	1.42	33	W	3.3	7.7	3.3	2.2	29.43	0.0	0.0	9	0.06	12	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	08:35	7.7	7.7	7.6	90	6.1	19	W	1.58	42	W	2.9	7.7	3.0	2.1	29.44	0.0	0.0	15	0.11	19	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	08:40	7.7	7.7	7.7	90	6.1	14	W	1.17	27	WNW	3.8	7.7	3.8	2.7	29.44	0.0	0.0	12	0.09	16	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	08:45	7.6	7.7	7.6	89	5.9	13	W	1.08	32	NW	3.9	7.7	3.9	2.8	29.44	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	08:50	7.7	7.7	7.6	89	6.0	15	W	1.25	31	WSW	3.6	7.7	3.6	2.6	29.44	0.0	0.0	22	0.16	26	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.8	15	5
08/12/2018	08:55	7.7	7.7	7.7	89	6.0	16	W	1.33	28	NW	3.4	7.7	3.4	2.4	29.44	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	09:00	7.5	7.7	7.5	89	5.8	21	W	1.75	35	W	2.5	7.6	2.6	1.6	29.43	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.03	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	09:05	7.4	7.5	7.4	89	5.7	15	W	1.25	27	W	3.2	7.4	3.3	2.3	29.44	0.0	0.0	27	0.19	40	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	09:10	7.4	7.4	7.4	90	5.9	17	W	1.42	31	WSW	2.9	7.4	3.0	2.2	29.44	0.0	0.0	42	0.30	47	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	09:15	7.4	7.4	7.4	90	5.9	18	W	1.50	37	WNW	2.8	7.5	2.9	2.1	29.43	0.2	0.0	42	0.30	54	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	09:20	7.4	7.4	7.4	90	5.9	15	W	1.25	31	WNW	3.2	7.4	3.3	2.3	29.43	0.0	0.0	27	0.19	39	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	09:25	7.4	7.4	7.4	90	5.9	18	W	1.50	34	W	2.8	7.4	2.8	2.1	29.43	0.0	0.0	35	0.25	44	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	09:30	7.4	7.4	7.4	91	6.0	17	W	1.42	37	NW	2.9	7.4	3.0	2.2	29.43	0.0	0.0	38	0.27	44	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	09:35	7.4	7.4	7.4	91	6.0	15	W	1.25	32	W	3.2	7.4	3.3	2.5	29.43	0.0	0.0	45	0.32	53	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	09:40	7.4	7.4	7.4	90	5.9	15	W	1.25	31	WSW	3.2	7.4	3.3	2.4	29.42	0.0	0.0	41	0.29	49	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	7.2	15	5
08/12/2018	09:45	7.4	7.4	7.4	90	5.9	16	W	1.33	34	W	3.1	7.5	3.2	2.7	29.42	0.0	0.0	28	0.20	30	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.2	15	5
08/12/2018	09:50	7.6	7.6	7.4	89	5.9	17	W	1.42	30	W	3.2	7.7	3.2	2.9	29.42	0.0	0.0	32	0.23	35	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.8	15	5
08/12/2018	09:55	7.7	7.7	7.6	88	5.8	18	W	1.50	32	W	3.1	7.7	3.2	2.8	29.42	0.0	0.0	33	0.24	37	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.8	15	5
08/12/2018	10:00	7.7	7.7	7.7	87	5.7	15	W	1.25	35	WNW	3.6	7.7	3.6	3.2	29.42	0.0	0.0	28	0.20	32	0	0.00	0.00	0.04	0.00	0.05	48	6.7	5.6	7.2	7.8	15	5
08/12/2018	10:05	7.7	7.7	7.7	87	5.6	15	W	1.25	31	W	3.6	7.7	3.6	3.1	29.43	0.0	0.0	27	0.19	30	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.8	15	5
08/12/2018	10:10	7.7	7.7	7.7	87	5.7	17	W	1.42	34	W	3.3	7.7	3.3	2.9	29.42	0.0	0.0	29	0.21	32	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.8	15	5
08/12/2018	10:15	7.7	7.8	7.7	86	5.5	15	W	1.25	31	W	3.6	7.7	3.6	4.6	29.43	0.0	0.0	117	0.84	130	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.8	15	5
08/12/2018	10:20	7.8	7.8	7.8	86	5.6	18	W	1.50	34	WSW	3.3	7.8	3.3	4.3	29.43	0.0	0.0	124	0.89	130	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.8	12	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
08/12/2018	10:25	7.9	7.9	7.8	86	5.7	15	W	1.25	28	W	3.8	7.9	3.8	4.7	29.42	0.0	0.0	107	0.77	128	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.8	9	5
08/12/2018	10:30	7.9	7.9	7.9	85	5.5	15	W	1.25	28	W	3.8	7.9	3.8	4.0	29.42	0.0	0.0	65	0.47	98	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.8	3	5
08/12/2018	10:35	7.9	7.9	7.9	85	5.6	11	WSW	0.92	24	WSW	4.7	7.9	4.7	4.8	29.43	0.0	0.0	58	0.42	107	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.8	0	5
08/12/2018	10:40	8.0	8.0	7.9	85	5.6	17	W	1.42	35	W	3.6	8.0	3.6	3.7	29.42	0.0	0.0	57	0.41	125	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	8.3	0	5
08/12/2018	10:45	8.1	8.1	8.0	84	5.5	16	W	1.33	35	WNW	3.8	8.1	3.8	5.2	29.41	0.0	0.0	149	1.07	153	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	8.3	0	5
08/12/2018	10:50	8.1	8.1	8.1	84	5.6	16	W	1.33	32	W	3.9	8.1	3.9	4.7	29.42	0.0	0.0	104	0.75	141	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	8.3	0	5
08/12/2018	10:55	8.1	8.1	8.1	83	5.4	12	W	1.00	23	W	4.7	8.1	4.6	4.8	29.42	0.0	0.0	64	0.46	88	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	8.3	0	5
08/12/2018	11:00	8.2	8.2	8.1	83	5.5	16	W	1.33	35	WSW	3.9	8.1	3.9	3.5	29.40	0.0	0.0	36	0.26	42	0	0.00	0.00	0.04	0.00	0.08	48	6.7	5.6	7.2	8.3	0	5
08/12/2018	11:05	8.2	8.2	8.2	83	5.5	17	W	1.42	36	WNW	3.8	8.1	3.8	3.5	29.41	0.0	0.0	40	0.29	56	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	11:10	8.2	8.2	8.2	84	5.6	15	W	1.25	30	NW	4.1	8.2	4.1	4.8	29.41	0.0	0.0	95	0.68	139	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	11:15	8.2	8.2	8.2	84	5.6	18	W	1.50	35	W	3.7	8.2	3.7	4.8	29.39	0.0	0.0	130	0.93	156	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	11:20	8.2	8.2	8.2	84	5.7	18	W	1.50	36	WNW	3.7	8.2	3.7	4.6	29.39	0.0	0.0	116	0.83	125	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	11:25	8.3	8.3	8.2	83	5.6	19	W	1.58	35	W	3.7	8.3	3.7	4.5	29.39	0.0	0.0	110	0.79	114	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	11:30	8.4	8.4	8.3	82	5.5	19	W	1.58	42	W	3.8	8.3	3.7	4.3	29.38	0.0	0.0	95	0.68	134	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	10.0	0	5
08/12/2018	11:35	8.4	8.4	8.4	82	5.5	16	W	1.33	32	W	4.3	8.4	4.2	4.2	29.39	0.0	0.0	53	0.38	58	0	0.00	0.00	0.03	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	11:40	8.5	8.5	8.4	81	5.4	15	W	1.25	29	WSW	4.5	8.4	4.4	5.0	29.38	0.0	0.0	90	0.65	95	0	0.00	0.00	0.03	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	11:45	8.6	8.6	8.5	80	5.4	19	W	1.58	37	NW	4.1	8.5	3.9	4.9	29.37	0.0	0.0	120	0.86	130	0	0.00	0.00	0.03	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	11:50	8.6	8.6	8.6	81	5.5	18	W	1.50	37	WNW	4.2	8.6	4.1	4.7	29.37	0.0	0.0	97	0.70	128	0	0.00	0.00	0.03	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	11:55	8.7	8.7	8.6	80	5.4	21	W	1.75	37	WNW	3.8	8.6	3.8	4.3	29.35	0.0	0.0	92	0.66	125	0	0.00	0.00	0.03	0.00	0.00	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	12:00	8.7	8.7	8.7	80	5.5	19	W	1.58	43	W	4.2	8.7	4.1	5.0	29.35	0.0	0.0	116	0.83	142	0	0.00	0.00	0.03	0.00	0.10	48	6.7	5.6	7.2	9.4	0	5
08/12/2018	12:05	8.7	8.8	8.7	80	5.5	21	W	1.75	36	W	3.9	8.7	3.8	4.8	29.35	0.0	0.0	126	0.90	144	0	0.00	0.00	0.03	0.00	0.00	48	6.7	5.6	7.2	8.9	0	5
08/12/2018	12:10	8.8	8.8	8.8	81	5.7	22	W	1.83	38	W	3.8	8.7	3.8	4.8	29.35	0.0	0.0	134	0.96	144	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	8.9	0	5
08/12/2018	12:15	8.8	8.8	8.8	81	5.7	19	W	1.58	32	W	4.3	8.8	4.2	5.3	29.35	0.0	0.0	128	0.92	162	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	9.4	0	5
08/12/2018	12:20	8.8	8.8	8.8	81	5.7	18	W	1.50	38	WNW	4.4	8.7	4.3	5.5	29.35	0.0	0.0	136	0.97	162	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	9.4	0	5
08/12/2018	12:25	8.8	8.8	8.7	82	5.9	18	W	1.50	32	WSW	4.4	8.7	4.3	5.8	29.35	0.0	0.0	158	1.13	172	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	8.9	0	5
08/12/2018	12:30	8.8	8.8	8.7	82	5.9	19	W	1.58	34	WSW	4.2	8.7	4.2	5.6	29.35	0.0	0.0	158	1.13	181	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	8.9	0	5
08/12/2018	12:35	8.9	8.9	8.8	82	6.0	19	W	1.58	31	W	4.3	8.8	4.3	4.9	29.35	0.0	0.0	99	0.71	123	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	8.9	0	5
08/12/2018	12:40	8.8	8.9	8.8	82	5.9	17	W	1.42	32	W	4.6	8.8	4.5	4.4	29.35	0.0	0.0	54	0.39	76	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	8.9	0	5
08/12/2018	12:45	8.7	8.8	8.7	83	6.0	16	W	1.33	33	W	4.6	8.7	4.6	4.7	29.35	0.0	0.0	64	0.46	107	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	8.9	3	5
08/12/2018	12:50	8.6	8.7	8.6	84	6.1	20	W	1.67	34	W	3.9	8.6	3.9	3.4	29.35	0.0	0.0	29	0.21	32	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	8.3	1	5
08/12/2018	12:55	8.6	8.6	8.5	85	6.2	18	WSW	1.50	28	WSW	4.1	8.6	4.1	3.8	29.34	0.0	0.0	38	0.27	86	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.1	7.2	8.3	8	5
08/12/2018	13:00	8.4	8.6	8.4	88	6.5	16	W	1.33	30	W	4.2	8.4	4.3	5.4	29.35	0.0	0.0	128	0.92	160	0	0.00	0.00	0.04	0.00	0.10	48	6.7	6.7	7.2	7.8	15	5
08/12/2018	13:05	8.2	8.4	8.2	90	6.6	15	W	1.25	24	WSW	4.1	8.3	4.2	4.3	29.34	0.0	0.0	58	0.42	83	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	7.2	15	5
08/12/2018	13:10	8.0	8.2	8.0	90	6.5	14	WSW	1.17	26	SW	4.1	8.1	4.2	3.5	29.34	0.0	0.0	21	0.15	23	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	7.2	15	5
08/12/2018	13:15	7.9	8.0	7.9	91	6.6	13	W	1.08	23	WSW	4.3	8.1	4.4	3.8	29.35	0.0	0.0	28	0.20	32	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	7.2	15	5
08/12/2018	13:20	7.9	7.9	7.9	91	6.5	12	WSW	1.00	24	WSW	4.4	8.0	4.5	4.0	29.35	0.0	0.0	30	0.22	30	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	7.2	15	5
08/12/2018	13:25	7.9	7.9	7.9	92	6.7	13	WSW	1.08	29	SSW	4.3	8.1	4.4	3.7	29.34	0.2	0.0	22	0.16	28	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	7.2	15	5
08/12/2018	13:30	7.9	7.9	7.9	93	6.9	12	WSW	1.00	22	WSW	4.5	8.1	4.6	3.9	29.34	0.2	3.2	20	0.14	30	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	7.2	15	5
08/12/2018	13:35	7.9	7.9	7.9	93	6.9	13	W	1.08	26	WSW	4.3	8.1	4.4	3.9	29.34	0.4	5.2	32	0.23	33	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.7	7.2	7.2	15	5
08/12/2018	13:40	7.9	7.9	7.9	94	7.0	12	WSW	1.00	22	WNW	4.4	8.1	4.6	5.4	29.33	0.0	2.2	101	0.72	155	0	0.00	0.00	0.04	0.00	0.00	48	6.7	7.2	7.2	7.8	15	5
08/12/2018	13:45	7.9	7.9	7.9	95	7.1	11	SW	0.92	19	WSW	4.7	8.1	4.8	5.3	29.34	0.2	2.2	73	0.52	130	0	0.00	0.00	0.04	0.00	0.00	47	6.7	7.2	7.2	7.2	15	5
08/12/2018	13:50	7.9	7.9	7.8	95	7.1	9	W	0.75	20	W	5.2	8.1	5.4	5.1	29.33	0.0	1.2	38	0.27	53	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.7	7.2	7.2	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
08/12/2018	13:55	7.8	7.8	7.8	96	7.2	8	WSW	0.67	16	W	5.5	8.0	5.7	6.3	29.33	0.0	1.0	79	0.57	90	0	0.00	0.00	0.04	0.00	0.00	47	6.7	7.2	7.2	7.8	15	5
08/12/2018	14:00	7.8	7.8	7.8	96	7.2	6	WSW	0.50	12	WSW	6.1	8.0	6.3	6.8	29.32	0.0	0.8	71	0.51	81	0	0.00	0.00	0.04	0.00	0.03	47	6.7	7.2	7.2	7.8	15	5
08/12/2018	14:05	7.8	7.8	7.8	96	7.2	7	W	0.58	14	W	5.8	8.0	6.0	6.2	29.31	0.0	0.0	61	0.44	84	0	0.00	0.00	0.04	0.00	0.00	47	6.7	7.2	7.2	7.8	15	5
08/12/2018	14:10	7.8	7.8	7.8	96	7.2	10	WSW	0.83	19	W	4.8	8.0	5.0	4.9	29.31	0.2	0.0	48	0.34	60	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.7	7.2	7.2	15	5
08/12/2018	14:15	7.9	7.9	7.8	96	7.3	12	WSW	1.00	28	SW	4.4	8.1	4.6	4.6	29.30	0.0	0.0	51	0.37	63	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.7	7.2	7.8	15	5
08/12/2018	14:20	8.0	8.0	7.9	96	7.4	12	W	1.00	22	WSW	4.6	8.2	4.7	4.5	29.30	0.0	0.0	40	0.29	54	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.7	7.2	7.8	15	5
08/12/2018	14:25	8.1	8.1	7.9	96	7.5	12	WSW	1.00	24	W	4.6	8.2	4.8	4.3	29.29	0.0	0.0	29	0.21	39	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.7	7.2	8.3	15	5
08/12/2018	14:30	8.2	8.2	8.1	97	7.7	13	WSW	1.08	25	W	4.5	8.4	4.7	4.3	29.29	0.0	0.0	29	0.21	35	0	0.00	0.00	0.04	0.00	0.00	47	6.7	7.2	7.2	8.3	15	5
08/12/2018	14:35	8.3	8.3	8.2	96	7.7	12	WSW	1.00	21	W	4.9	8.4	5.1	4.3	29.29	0.0	0.0	15	0.11	23	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.7	7.2	8.3	15	5
08/12/2018	14:40	8.4	8.4	8.3	96	7.8	13	W	1.08	26	W	4.8	8.6	4.9	4.2	29.28	0.0	0.0	15	0.11	18	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.7	7.2	8.3	15	5
08/12/2018	14:45	8.5	8.5	8.4	96	7.9	14	WSW	1.17	28	SW	4.7	8.7	4.9	4.2	29.29	0.0	0.0	17	0.12	21	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	7.2	8.9	15	5
08/12/2018	14:50	8.6	8.6	8.5	96	8.0	14	W	1.17	28	WSW	4.8	8.8	5.1	4.2	29.29	0.0	0.0	10	0.07	11	0	0.00	0.00	0.03	0.00	0.00	47	6.7	7.2	7.2	8.3	15	5
08/12/2018	14:55	8.7	8.7	8.6	96	8.1	12	W	1.00	24	W	5.3	8.9	5.6	4.4	29.29	0.0	0.0	10	0.07	11	0	0.00	0.00	0.03	0.00	0.00	47	6.7	6.7	7.2	7.8	15	5
08/12/2018	15:00	8.7	8.7	8.7	96	8.1	14	W	1.17	29	W	4.9	8.9	5.2	4.0	29.28	0.2	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.03	47	7.2	7.2	7.2	7.8	15	5
08/12/2018	15:05	8.8	8.8	8.7	96	8.2	13	W	1.08	28	W	5.2	9.0	5.4	4.3	29.28	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	7.2	7.8	15	5
08/12/2018	15:10	8.8	8.8	8.8	95	8.0	17	W	1.42	31	W	4.5	9.0	4.7	3.6	29.28	0.2	1.2	1	0.01	5	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	7.2	7.8	15	5
08/12/2018	15:15	8.7	8.8	8.7	95	7.9	20	W	1.67	39	W	3.9	8.9	4.2	3.2	29.28	0.4	5.4	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	7.2	7.8	15	5
08/12/2018	15:20	8.5	8.6	8.5	94	7.6	16	WSW	1.33	34	SW	4.3	8.7	4.5	3.4	29.27	0.0	2.0	4	0.03	5	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	7.2	7.2	15	5
08/12/2018	15:25	8.4	8.5	8.4	94	7.5	16	W	1.33	30	WSW	4.2	8.6	4.4	3.3	29.27	0.2	2.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	47	7.2	6.7	7.2	7.2	15	5
08/12/2018	15:30	8.3	8.4	8.3	93	7.3	17	W	1.42	30	WNW	4.0	8.5	4.2	3.1	29.27	0.2	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	6.7	7.2	7.2	15	5
08/12/2018	15:35	8.3	8.3	8.2	93	7.2	18	W	1.50	29	W	3.8	8.4	3.9	2.9	29.27	0.0	1.6	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	47	7.2	6.7	7.2	7.2	15	5
08/12/2018	15:40	8.2	8.3	8.2	93	7.1	17	W	1.42	29	W	3.8	8.3	3.9	2.8	29.27	0.0	1.0	2	0.01	5	0	0.00	0.00	0.04	0.00	0.00	47	7.2	6.1	7.2	6.7	15	5
08/12/2018	15:45	8.1	8.2	8.1	93	7.0	12	W	1.00	21	WNW	4.7	8.2	4.8	3.4	29.27	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	6.1	7.2	6.7	15	5
08/12/2018	15:50	8.0	8.1	8.0	93	6.9	15	W	1.25	26	W	3.9	8.1	4.1	2.8	29.26	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	6.1	7.2	6.7	15	5
08/12/2018	15:55	7.9	8.0	7.9	93	6.9	13	W	1.08	31	WSW	4.3	8.1	4.4	3.1	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	6.1	7.2	6.7	15	5
08/12/2018	16:00	7.9	7.9	7.9	93	6.9	17	W	1.42	31	W	3.6	8.1	3.7	2.6	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	7.2	6.1	7.2	7.2	15	5
08/12/2018	16:05	7.9	7.9	7.9	93	6.9	15	W	1.25	29	W	3.9	8.1	4.0	2.8	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	6.1	7.2	7.2	15	5
08/12/2018	16:10	7.9	7.9	7.9	92	6.7	18	W	1.50	32	WNW	3.4	8.1	3.5	2.4	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	5.6	7.2	7.2	15	5
08/12/2018	16:15	8.0	8.0	7.9	92	6.8	18	W	1.50	35	W	3.4	8.1	3.6	2.4	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	6.1	7.2	7.2	15	5
08/12/2018	16:20	8.1	8.1	8.0	92	6.8	16	W	1.33	27	WSW	3.8	8.2	3.9	2.8	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	5.6	7.2	7.2	15	5
08/12/2018	16:25	8.1	8.1	8.1	92	6.8	20	W	1.67	37	W	3.2	8.2	3.3	2.3	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	5.6	7.2	7.8	15	5
08/12/2018	16:30	8.1	8.1	8.1	91	6.7	17	W	1.42	31	W	3.8	8.2	3.9	2.8	29.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	5.6	7.2	7.8	15	5
08/12/2018	16:35	8.2	8.2	8.1	90	6.7	18	W	1.50	37	W	3.7	8.3	3.8	2.7	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	5.6	7.2	7.8	15	5
08/12/2018	16:40	8.4	8.4	8.3	89	6.7	18	W	1.50	40	WSW	3.9	8.5	4.0	2.9	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	7.2	5.6	7.2	8.3	15	5
08/12/2018	16:45	8.4	8.4	8.4	89	6.7	15	W	1.25	27	WSW	4.4	8.6	4.6	3.3	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	5.6	7.2	7.8	15	5
08/12/2018	16:50	8.4	8.4	8.4	89	6.7	18	W	1.50	35	W	3.9	8.6	4.1	2.9	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	5.6	7.2	7.8	15	5
08/12/2018	16:55	8.4	8.4	8.4	89	6.7	19	W	1.58	32	W	3.8	8.5	3.9	2.8	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	7.8	15	5
08/12/2018	17:00	8.4	8.4	8.4	89	6.7	16	W	1.33	32	WNW	4.3	8.6	4.4	3.2	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.2	6.1	7.2	7.2	15	5
08/12/2018	17:05	8.4	8.4	8.4	89	6.7	17	W	1.42	36	W	4.1	8.6	4.2	3.1	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.1	7.2	7.8	15	5
08/12/2018	17:10	8.4	8.5	8.4	89	6.7	21	W	1.75	34	W	3.6	8.6	3.7	2.7	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.1	7.2	7.8	15	5
08/12/2018	17:15	8.5	8.5	8.4	89	6.8	18	W	1.50	32	W	4.1	8.6	4.2	3.1	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.1	7.2	8.3	15	5
08/12/2018	17:20	8.5	8.6	8.5	88	6.6	16	W	1.33	30	WSW	4.3	8.6	4.4	3.2	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.1	7.2	7.8	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
08/12/2018	17:25	8.6	8.6	8.5	88	6.7	18	W	1.50	32	WSW	4.1	8.6	4.2	3.1	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.1	7.2	8.3	15	5
08/12/2018	17:30	8.6	8.6	8.6	88	6.7	17	W	1.42	33	W	4.2	8.6	4.3	3.2	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.1	7.2	8.3	15	5
08/12/2018	17:35	8.6	8.6	8.6	87	6.5	18	W	1.50	30	W	4.1	8.6	4.2	3.1	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.1	7.2	8.3	15	5
08/12/2018	17:40	8.6	8.6	8.6	87	6.5	18	W	1.50	30	W	4.1	8.6	4.2	3.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.1	7.2	7.8	15	5
08/12/2018	17:45	8.4	8.6	8.4	87	6.3	21	W	1.75	37	WNW	3.5	8.4	3.6	2.6	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	7.2	7.2	15	5
08/12/2018	17:50	8.1	8.4	8.1	87	6.0	21	W	1.75	42	W	3.2	8.1	3.2	2.2	29.26	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	7.2	6.1	15	5
08/12/2018	17:55	7.8	8.1	7.8	88	5.9	16	W	1.33	26	W	3.5	7.8	3.6	2.4	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	7.2	6.1	15	5
08/12/2018	18:00	7.7	7.8	7.7	89	6.0	13	W	1.08	23	WNW	3.9	7.7	4.0	2.7	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	48	7.2	6.1	7.2	6.1	15	5
08/12/2018	18:05	7.5	7.7	7.5	90	6.0	12	W	1.00	22	W	4.0	7.6	4.1	2.7	29.26	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	7.2	6.1	15	5
08/12/2018	18:10	7.5	7.5	7.4	91	6.1	14	WNW	1.17	26	NW	3.6	7.6	3.6	2.4	29.26	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	18:15	7.6	7.6	7.4	91	6.2	17	WNW	1.42	39	NW	3.1	7.6	3.2	2.1	29.25	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	18:20	7.6	7.6	7.6	91	6.2	15	W	1.25	30	W	3.5	7.7	3.6	2.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	18:25	7.7	7.7	7.6	91	6.3	16	W	1.33	33	W	3.4	7.8	3.5	2.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	18:30	7.7	7.8	7.7	91	6.3	16	W	1.33	27	W	3.4	7.8	3.5	2.3	29.24	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	18:35	7.7	7.7	7.7	91	6.3	18	W	1.50	33	WNW	3.1	7.7	3.2	2.1	29.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	18:40	7.7	7.7	7.7	91	6.3	17	W	1.42	30	W	3.3	7.7	3.3	2.2	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	18:45	7.6	7.7	7.6	91	6.2	19	W	1.58	35	WSW	2.9	7.7	2.9	1.9	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	18:50	7.6	7.6	7.6	92	6.3	19	W	1.58	33	W	2.8	7.7	2.9	1.9	29.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.1	15	5
08/12/2018	18:55	7.5	7.6	7.5	92	6.3	19	W	1.58	39	WSW	2.8	7.6	2.9	1.8	29.25	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.1	15	5
08/12/2018	19:00	7.4	7.5	7.4	92	6.2	13	W	1.08	25	W	3.7	7.6	3.8	2.5	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	19:05	7.4	7.5	7.4	93	6.4	16	W	1.33	32	W	3.1	7.6	3.2	2.1	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	19:10	7.4	7.4	7.4	92	6.2	14	W	1.17	23	WNW	3.4	7.5	3.6	2.3	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.1	15	5
08/12/2018	19:15	7.4	7.4	7.3	92	6.2	17	W	1.42	37	NW	2.9	7.5	3.1	1.9	29.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	19:20	7.4	7.4	7.4	92	6.2	15	W	1.25	30	W	3.3	7.6	3.4	2.2	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	19:25	7.5	7.5	7.4	93	6.4	17	W	1.42	28	WSW	3.1	7.6	3.2	2.1	29.26	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	19:30	7.4	7.5	7.4	93	6.4	14	W	1.17	26	WSW	3.5	7.6	3.6	2.4	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	19:35	7.5	7.5	7.4	93	6.4	17	W	1.42	34	WNW	3.1	7.6	3.2	2.1	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	7.2	6.7	15	5
08/12/2018	19:40	7.4	7.5	7.4	92	6.2	13	W	1.08	25	WSW	3.7	7.6	3.8	2.5	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	7.2	6.7	15	5
08/12/2018	19:45	7.4	7.5	7.4	93	6.4	16	W	1.33	27	SSW	3.1	7.6	3.2	2.1	29.27	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.1	15	5
08/12/2018	19:50	7.4	7.4	7.4	93	6.4	16	W	1.33	29	WSW	3.1	7.6	3.2	2.1	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	19:55	7.5	7.5	7.4	93	6.4	15	W	1.25	28	W	3.4	7.6	3.5	2.3	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	7.2	6.7	15	5
08/12/2018	20:00	7.5	7.5	7.5	92	6.3	15	W	1.25	28	W	3.4	7.6	3.5	2.3	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	20:05	7.5	7.5	7.5	92	6.3	15	W	1.25	27	WNW	3.4	7.6	3.5	2.3	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	20:10	7.6	7.6	7.5	92	6.3	14	W	1.17	30	W	3.6	7.7	3.7	2.5	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	20:15	7.6	7.6	7.6	91	6.2	14	W	1.17	29	WNW	3.6	7.6	3.7	2.4	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	20:20	7.6	7.6	7.6	91	6.2	16	W	1.33	31	W	3.3	7.7	3.4	2.2	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	5.6	7.2	6.7	15	5
08/12/2018	20:25	7.6	7.7	7.6	91	6.2	12	W	1.00	26	WSW	4.1	7.7	4.2	2.8	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
08/12/2018	20:30	7.6	7.6	7.6	91	6.2	15	W	1.25	28	W	3.4	7.6	3.5	2.3	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
08/12/2018	20:35	7.6	7.6	7.5	91	6.2	15	W	1.25	34	W	3.4	7.6	3.5	2.3	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
08/12/2018	20:40	7.6	7.6	7.6	91	6.2	18	W	1.50	37	NW	3.1	7.7	3.1	2.0	29.27	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
08/12/2018	20:45	7.7	7.7	7.6	90	6.2	17	W	1.42	30	W	3.3	7.8	3.4	2.3	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.2	15	5
08/12/2018	20:50	7.8	7.8	7.7	90	6.2	14	W	1.17	26	W	3.9	7.8	3.9	2.7	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.2	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
08/12/2018	20:55	7.9	7.9	7.8	89	6.2	14	W	1.17	24	NW	4.0	7.9	4.1	2.8	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	7.2	15	5
08/12/2018	21:00	7.9	7.9	7.9	89	6.2	14	W	1.17	24	W	4.1	8.0	4.1	2.9	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	48	6.7	6.1	7.2	7.2	15	5
08/12/2018	21:05	7.9	7.9	7.9	89	6.2	13	W	1.08	35	WSW	4.3	8.0	4.3	3.1	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	7.2	15	5
08/12/2018	21:10	7.9	8.0	7.9	89	6.2	14	W	1.17	25	WSW	4.1	8.0	4.1	2.9	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	7.2	15	5
08/12/2018	21:15	7.9	7.9	7.9	89	6.2	16	W	1.33	30	WNW	3.6	7.9	3.7	2.5	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	6.7	15	5
08/12/2018	21:20	7.8	7.9	7.8	90	6.3	16	W	1.33	31	W	3.6	7.9	3.6	2.4	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
08/12/2018	21:25	7.7	7.8	7.7	90	6.1	14	W	1.17	27	W	3.8	7.7	3.8	2.6	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
08/12/2018	21:30	7.6	7.7	7.6	90	6.1	14	W	1.17	25	W	3.7	7.7	3.7	2.5	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
08/12/2018	21:35	7.3	7.6	7.3	90	5.8	13	W	1.08	28	WNW	3.6	7.4	3.6	2.3	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	5.6	15	5
08/12/2018	21:40	7.1	7.3	7.1	91	5.7	12	W	1.00	22	W	3.6	7.2	3.6	2.3	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	15	5
08/12/2018	21:45	7.1	7.1	7.1	91	5.7	13	W	1.08	25	WSW	3.3	7.2	3.4	2.1	29.28	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
08/12/2018	21:50	7.2	7.2	7.1	92	6.0	16	W	1.33	33	W	2.8	7.2	2.9	1.7	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
08/12/2018	21:55	7.3	7.3	7.2	92	6.1	15	W	1.25	33	WSW	3.1	7.3	3.2	1.9	29.28	0.4	2.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
08/12/2018	22:00	7.3	7.3	7.3	93	6.2	13	W	1.08	22	W	3.5	7.4	3.6	2.3	29.28	0.0	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	22:05	7.3	7.3	7.3	93	6.3	14	W	1.17	26	W	3.3	7.4	3.4	2.2	29.28	0.2	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	22:10	7.3	7.3	7.3	93	6.3	15	W	1.25	28	SSW	3.2	7.4	3.3	2.1	29.27	0.2	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	22:15	7.3	7.3	7.3	93	6.3	13	W	1.08	25	W	3.6	7.4	3.7	2.4	29.27	0.2	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	22:20	7.3	7.3	7.3	93	6.2	14	W	1.17	28	WSW	3.3	7.4	3.4	2.2	29.26	0.0	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	22:25	7.3	7.3	7.3	93	6.2	18	W	1.50	34	W	2.7	7.4	2.8	1.7	29.27	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
08/12/2018	22:30	7.3	7.3	7.3	93	6.3	17	W	1.42	30	NW	2.8	7.4	2.9	1.8	29.27	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	22:35	7.3	7.3	7.3	93	6.3	20	W	1.67	32	W	2.4	7.4	2.6	1.5	29.27	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	22:40	7.3	7.3	7.3	93	6.3	17	W	1.42	29	WNW	2.8	7.4	2.9	1.8	29.27	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	22:45	7.3	7.3	7.3	93	6.2	17	W	1.42	30	W	2.8	7.4	2.9	1.8	29.27	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	22:50	7.3	7.3	7.3	93	6.2	17	W	1.42	33	W	2.8	7.4	2.9	1.8	29.27	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	22:55	7.3	7.3	7.3	93	6.3	18	W	1.50	33	W	2.7	7.4	2.8	1.7	29.26	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	23:00	7.4	7.4	7.3	93	6.3	19	W	1.58	39	W	2.6	7.5	2.7	1.7	29.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	23:05	7.4	7.4	7.4	93	6.3	18	W	1.50	32	W	2.8	7.5	2.9	1.8	29.26	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	23:10	7.4	7.4	7.4	93	6.3	14	W	1.17	27	W	3.4	7.5	3.6	2.3	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	23:15	7.3	7.4	7.3	93	6.3	15	W	1.25	28	W	3.2	7.4	3.3	2.1	29.27	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	23:20	7.4	7.4	7.3	93	6.3	15	W	1.25	30	W	3.2	7.5	3.3	2.1	29.28	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	23:25	7.4	7.4	7.3	93	6.3	18	W	1.50	31	W	2.8	7.5	2.9	1.8	29.27	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
08/12/2018	23:30	7.4	7.4	7.4	93	6.3	19	W	1.58	31	W	2.6	7.5	2.7	1.7	29.27	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	23:35	7.4	7.4	7.4	93	6.4	16	W	1.33	35	WNW	3.1	7.6	3.2	2.1	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
08/12/2018	23:40	7.4	7.5	7.4	93	6.4	15	W	1.25	31	WNW	3.3	7.6	3.4	2.2	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	23:45	7.6	7.6	7.4	92	6.3	16	W	1.33	31	W	3.3	7.7	3.4	2.2	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	23:50	7.6	7.6	7.5	92	6.3	18	W	1.50	34	W	3.0	7.7	3.1	2.0	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
08/12/2018	23:55	7.6	7.6	7.6	92	6.3	15	W	1.25	31	W	3.4	7.7	3.6	2.3	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
09/12/2018	00:00	7.6	7.6	7.6	92	6.3	16	W	1.33	30	WNW	3.3	7.7	3.4	2.2	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	5.6	7.2	6.7	15	5
09/12/2018	00:05	7.6	7.6	7.6	91	6.2	14	W	1.17	26	W	3.6	7.6	3.7	2.4	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
09/12/2018	00:10	7.6	7.6	7.6	91	6.2	18	W	1.50	36	W	3.0	7.6	3.1	1.9	29.28	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
09/12/2018	00:15	7.6	7.6	7.6	91	6.2	17	W	1.42	34	W	3.1	7.6	3.2	2.1	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.7	15	5
09/12/2018	00:20	7.6	7.6	7.6	91	6.2	15	W	1.25	31	WSW	3.5	7.7	3.6	2.3	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
09/12/2018	00:25	7.6	7.6	7.6	90	6.0	14	W	1.17	28	W	3.6	7.6	3.7	2.4	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	7.2	15	5
09/12/2018	00:30	7.6	7.6	7.6	90	6.1	18	WNW	1.50	37	WNW	3.1	7.7	3.1	2.0	29.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	7.2	15	5
09/12/2018	00:35	7.6	7.7	7.6	90	6.1	12	W	1.00	23	W	4.1	7.7	4.2	2.8	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	7.2	15	5
09/12/2018	00:40	7.6	7.6	7.6	90	6.1	13	W	1.08	30	W	3.9	7.7	3.9	2.7	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	7.2	15	5
09/12/2018	00:45	7.6	7.6	7.6	90	6.0	18	W	1.50	34	WNW	3.0	7.6	3.1	1.9	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.7	15	5
09/12/2018	00:50	7.6	7.6	7.6	90	6.1	14	W	1.17	29	W	3.7	7.7	3.7	2.5	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	00:55	7.6	7.6	7.6	90	6.0	13	W	1.08	24	WSW	3.8	7.6	3.9	2.6	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	01:00	7.5	7.6	7.5	90	6.0	13	W	1.08	23	W	3.8	7.6	3.8	2.6	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	01:05	7.4	7.5	7.4	91	6.1	11	W	0.92	25	W	4.2	7.5	4.2	2.8	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	01:10	7.4	7.5	7.4	91	6.1	12	W	1.00	24	W	3.9	7.5	3.9	2.6	29.31	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	01:15	7.3	7.4	7.3	91	6.0	11	W	0.92	26	WNW	4.0	7.4	4.1	2.7	29.31	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	01:20	7.3	7.3	7.3	92	6.1	11	W	0.92	20	W	3.9	7.3	4.0	2.6	29.31	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	01:25	7.2	7.3	7.2	92	6.0	11	WSW	0.92	28	NW	3.9	7.3	3.9	2.6	29.31	0.0	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	01:30	7.2	7.2	7.2	92	6.0	13	W	1.08	25	W	3.4	7.2	3.4	2.2	29.31	0.2	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	01:35	7.1	7.2	7.1	92	5.9	12	W	1.00	25	W	3.6	7.2	3.6	2.3	29.31	0.2	3.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
09/12/2018	01:40	7.1	7.1	7.1	93	6.1	12	W	1.00	29	W	3.6	7.2	3.7	2.3	29.31	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
09/12/2018	01:45	7.1	7.1	7.1	93	6.1	10	W	0.83	28	WSW	4.1	7.2	4.2	2.7	29.31	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
09/12/2018	01:50	7.1	7.1	7.1	93	6.1	13	W	1.08	22	WSW	3.3	7.2	3.4	2.2	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
09/12/2018	01:55	7.2	7.2	7.1	93	6.1	8	W	0.67	16	W	4.7	7.3	4.8	3.3	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
09/12/2018	02:00	7.2	7.2	7.1	93	6.1	8	W	0.67	17	NW	4.7	7.3	4.8	3.3	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	47	6.7	5.6	7.2	6.7	15	5
09/12/2018	02:05	7.2	7.2	7.1	93	6.1	9	W	0.75	19	W	4.4	7.3	4.5	3.1	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
09/12/2018	02:10	7.2	7.2	7.2	93	6.1	12	W	1.00	25	W	3.6	7.3	3.7	2.4	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
09/12/2018	02:15	7.2	7.2	7.2	92	6.0	15	W	1.25	29	NW	3.0	7.2	3.1	1.8	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	02:20	7.3	7.3	7.2	92	6.1	14	W	1.17	29	W	3.3	7.3	3.3	2.1	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	02:25	7.3	7.3	7.3	92	6.1	12	W	1.00	19	W	3.8	7.4	3.8	2.5	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	02:30	7.4	7.4	7.3	92	6.2	8	W	0.67	17	W	5.0	7.5	5.1	3.6	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	02:35	7.4	7.4	7.4	92	6.2	7	W	0.58	18	W	5.3	7.5	5.4	3.8	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	02:40	7.4	7.4	7.3	92	6.2	10	W	0.83	19	WNW	4.3	7.5	4.4	3.0	29.33	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	02:45	7.3	7.4	7.3	92	6.1	9	W	0.75	17	W	4.6	7.4	4.6	3.2	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	02:50	7.3	7.3	7.3	92	6.1	10	W	0.83	24	W	4.3	7.4	4.3	2.9	29.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	02:55	7.3	7.3	7.3	92	6.1	10	W	0.83	23	NW	4.2	7.3	4.3	2.8	29.34	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:00	7.2	7.3	7.2	92	6.0	10	W	0.83	19	W	4.1	7.2	4.2	2.7	29.34	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:05	7.1	7.2	7.1	92	5.9	8	W	0.67	18	W	4.7	7.2	4.7	3.2	29.33	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:10	7.1	7.1	7.1	93	6.0	9	W	0.75	15	W	4.2	7.2	4.3	2.9	29.33	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:15	6.9	7.1	6.9	93	5.9	10	W	0.83	16	W	3.8	7.1	3.9	2.5	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:20	6.9	6.9	6.9	93	5.9	9	W	0.75	17	SSW	4.1	7.1	4.2	2.8	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:25	6.9	6.9	6.9	93	5.9	8	W	0.67	20	WSW	4.4	7.1	4.6	3.1	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:30	6.9	6.9	6.9	93	5.9	7	W	0.58	18	W	4.8	7.1	4.9	3.3	29.34	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:35	6.9	6.9	6.9	93	5.8	8	W	0.67	21	W	4.4	7.0	4.5	2.9	29.34	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:40	6.9	6.9	6.9	94	6.0	6	W	0.50	15	W	5.0	7.0	5.1	3.5	29.34	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:45	6.8	6.9	6.8	94	5.9	7	W	0.58	14	W	4.7	6.9	4.8	3.2	29.35	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	03:50	6.9	6.9	6.8	94	6.0	6	W	0.50	16	W	5.0	7.0	5.1	3.5	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
09/12/2018	03:55	6.9	6.9	6.8	94	6.0	8	W	0.67	14	W	4.4	7.0	4.5	2.9	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	04:00	6.9	6.9	6.9	94	6.0	8	W	0.67	13	W	4.4	7.0	4.5	2.9	29.35	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	04:05	6.9	6.9	6.9	95	6.2	6	W	0.50	12	W	5.1	7.1	5.2	3.6	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	04:10	6.9	6.9	6.9	95	6.2	6	W	0.50	13	W	5.1	7.1	5.2	3.6	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	04:15	6.9	6.9	6.9	95	6.2	8	W	0.67	16	WNW	4.4	7.1	4.6	3.1	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	04:20	7.0	7.0	6.9	95	6.3	8	W	0.67	16	W	4.5	7.1	4.6	3.1	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	6.1	15	5
09/12/2018	04:25	7.1	7.1	7.0	95	6.3	8	W	0.67	13	W	4.6	7.2	4.7	3.2	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	04:30	7.1	7.1	7.1	95	6.4	6	W	0.50	12	W	5.3	7.2	5.4	3.8	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	04:35	7.1	7.1	7.1	95	6.4	6	W	0.50	11	W	5.3	7.2	5.4	3.8	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	04:40	7.1	7.1	7.1	95	6.4	6	W	0.50	11	W	5.3	7.2	5.4	3.8	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	04:45	7.2	7.2	7.1	95	6.4	5	W	0.42	12	W	5.7	7.3	5.8	4.2	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	04:50	7.2	7.2	7.2	95	6.4	6	WNW	0.50	11	W	5.3	7.3	5.4	3.8	29.38	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	6.1	15	5
09/12/2018	04:55	7.2	7.2	7.2	95	6.4	6	W	0.50	10	W	5.3	7.3	5.4	3.8	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	6.1	15	5
09/12/2018	05:00	7.2	7.2	7.2	95	6.4	8	WNW	0.67	13	WNW	4.7	7.3	4.8	3.3	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	6.1	7.2	6.7	15	5
09/12/2018	05:05	7.2	7.2	7.2	95	6.4	9	W	0.75	17	WNW	4.4	7.3	4.5	3.1	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
09/12/2018	05:10	7.2	7.2	7.2	95	6.5	9	WNW	0.75	18	WNW	4.4	7.3	4.6	3.1	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.7	15	5
09/12/2018	05:15	7.3	7.3	7.2	95	6.5	11	WNW	0.92	21	NW	3.9	7.4	4.1	2.7	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
09/12/2018	05:20	7.3	7.3	7.3	95	6.6	11	WNW	0.92	20	NW	4.0	7.4	4.1	2.7	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
09/12/2018	05:25	7.3	7.3	7.3	95	6.6	10	NNW	0.83	19	NW	4.3	7.4	4.4	2.9	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
09/12/2018	05:30	7.4	7.4	7.3	95	6.6	9	NNW	0.75	16	NW	4.7	7.5	4.8	3.3	29.40	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
09/12/2018	05:35	7.3	7.4	7.3	95	6.6	6	N	0.50	10	NNW	5.5	7.4	5.6	4.0	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.7	15	5
09/12/2018	05:40	7.3	7.4	7.3	95	6.6	7	N	0.58	12	N	5.2	7.4	5.3	3.7	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
09/12/2018	05:45	7.2	7.3	7.2	95	6.5	7	N	0.58	11	NNW	5.1	7.3	5.2	3.6	29.42	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
09/12/2018	05:50	7.2	7.2	7.2	95	6.5	9	NNW	0.75	16	NNW	4.4	7.3	4.6	3.1	29.42	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
09/12/2018	05:55	7.2	7.2	7.2	95	6.4	10	WNW	0.83	17	NW	4.1	7.3	4.2	2.8	29.42	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	6.1	7.2	6.1	15	5
09/12/2018	06:00	7.2	7.2	7.2	95	6.4	10	NW	0.83	18	NW	4.1	7.3	4.2	2.8	29.43	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
09/12/2018	06:05	7.1	7.2	7.1	95	6.4	11	NW	0.92	18	NW	3.8	7.2	3.9	2.5	29.43	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	47	6.7	5.6	7.2	6.1	15	5
09/12/2018	06:10	7.1	7.1	7.1	95	6.3	12	NW	1.00	18	NW	3.4	7.2	3.6	2.2	29.44	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	06:15	7.1	7.1	7.1	94	6.2	11	NNW	0.92	17	NNW	3.8	7.2	3.9	2.5	29.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.7	15	5
09/12/2018	06:20	7.2	7.2	7.1	94	6.3	12	NW	1.00	21	NNW	3.6	7.3	3.7	2.4	29.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	06:25	7.1	7.1	7.1	94	6.2	13	NW	1.08	24	N	3.2	7.2	3.3	2.1	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	06:30	6.9	7.1	6.9	94	6.0	12	NW	1.00	19	NNW	3.3	7.1	3.4	2.1	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	06:35	6.8	6.9	6.8	94	5.9	12	NW	1.00	18	NNW	3.2	6.9	3.3	2.0	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	06:40	6.7	6.8	6.7	94	5.8	10	NW	0.83	16	NNW	3.6	6.8	3.7	2.2	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	5.6	15	5
09/12/2018	06:45	6.7	6.7	6.7	94	5.8	8	NNW	0.67	13	NNW	4.1	6.8	4.2	2.7	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	5.6	15	5
09/12/2018	06:50	6.6	6.7	6.6	94	5.7	9	NNW	0.75	16	NW	3.7	6.7	3.8	2.4	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	5.6	15	5
09/12/2018	06:55	6.6	6.7	6.6	94	5.7	9	NNW	0.75	13	NNW	3.7	6.7	3.8	2.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	5.6	15	5
09/12/2018	07:00	6.6	6.6	6.6	94	5.7	9	NW	0.75	17	NNW	3.7	6.7	3.8	2.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.6	7.2	6.1	15	5
09/12/2018	07:05	6.6	6.6	6.6	94	5.7	10	NNW	0.83	15	NNE	3.4	6.7	3.5	2.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	14	5
09/12/2018	07:10	6.6	6.6	6.6	94	5.7	9	NNW	0.75	14	NNW	3.7	6.7	3.8	2.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	14	5
09/12/2018	07:15	6.5	6.6	6.5	94	5.6	11	NNW	0.92	15	NNW	3.1	6.6	3.2	1.8	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	6.1	14	5
09/12/2018	07:20	6.5	6.5	6.5	94	5.6	9	NW	0.75	15	NW	3.6	6.6	3.7	2.2	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	5.6	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
09/12/2018	07:25	6.4	6.5	6.4	94	5.5	9	NNW	0.75	14	NW	3.5	6.5	3.6	2.1	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	5.0	7.2	5.6	14	5
09/12/2018	07:30	6.4	6.4	6.4	94	5.5	11	NNW	0.92	18	NNW	2.9	6.4	3.0	1.6	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	14	5
09/12/2018	07:35	6.3	6.4	6.3	93	5.3	11	NNW	0.92	16	NW	2.8	6.4	2.9	1.5	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	14	5
09/12/2018	07:40	6.3	6.3	6.3	93	5.2	11	NNW	0.92	14	NW	2.8	6.3	2.8	1.4	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	14	5
09/12/2018	07:45	6.2	6.3	6.2	93	5.2	11	NNW	0.92	18	NNW	2.7	6.3	2.8	1.4	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	14	5
09/12/2018	07:50	6.2	6.2	6.2	93	5.1	11	NNW	0.92	18	N	2.7	6.2	2.7	1.3	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	14	5
09/12/2018	07:55	6.1	6.2	6.1	93	5.1	12	NNW	1.00	18	N	2.4	6.2	2.4	1.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	15	5
09/12/2018	08:00	6.1	6.2	6.1	93	5.0	10	NNW	0.83	18	NW	2.8	6.1	2.8	1.4	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	15	5
09/12/2018	08:05	6.1	6.1	6.1	92	4.9	12	NNW	1.00	18	NW	2.3	6.1	2.3	0.9	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	15	5
09/12/2018	08:10	6.1	6.1	6.1	92	4.9	12	NW	1.00	18	NW	2.3	6.1	2.3	0.9	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	14	5
09/12/2018	08:15	6.1	6.1	6.1	92	4.9	10	NW	0.83	17	WNW	2.8	6.1	2.8	1.3	29.57	0.0	0.0	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	48	6.7	4.4	7.2	5.6	14	5
09/12/2018	08:20	6.0	6.1	6.0	92	4.8	10	NW	0.83	19	NNW	2.7	6.0	2.7	1.3	29.58	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	48	6.7	3.9	7.2	5.6	14	5
09/12/2018	08:25	6.1	6.1	6.0	92	4.9	11	NW	0.92	19	NW	2.6	6.1	2.6	1.2	29.59	0.0	0.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.6	14	5
09/12/2018	08:30	6.1	6.1	6.1	91	4.7	13	NW	1.08	21	NW	2.1	6.1	2.1	0.9	29.60	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.6	14	5
09/12/2018	08:35	6.1	6.1	6.1	91	4.7	11	NW	0.92	19	NNW	2.6	6.1	2.6	1.2	29.60	0.0	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.6	14	5
09/12/2018	08:40	6.1	6.1	6.1	91	4.7	11	NW	0.92	17	NW	2.6	6.1	2.6	1.2	29.61	0.0	0.0	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.6	14	5
09/12/2018	08:45	6.1	6.1	6.1	91	4.8	12	NW	1.00	19	NW	2.4	6.1	2.4	1.1	29.61	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.6	14	5
09/12/2018	08:50	6.1	6.1	6.1	91	4.8	9	NW	0.75	16	WNW	3.1	6.1	3.1	1.7	29.62	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.6	14	5
09/12/2018	08:55	6.1	6.2	6.1	90	4.6	10	NW	0.83	15	NW	2.8	6.1	2.8	1.5	29.62	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	5.6	14	5
09/12/2018	09:00	6.1	6.2	6.1	90	4.6	9	NNW	0.75	15	NNW	3.1	6.1	3.1	1.7	29.63	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.03	49	6.7	3.9	7.2	6.1	14	5
09/12/2018	09:05	6.2	6.2	6.1	90	4.6	9	NW	0.75	17	NNW	3.2	6.2	3.2	1.8	29.63	0.0	0.0	14	0.10	14	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	6.1	14	5
09/12/2018	09:10	6.2	6.2	6.2	90	4.6	8	NW	0.67	14	NW	3.5	6.2	3.5	2.1	29.63	0.0	0.0	14	0.10	14	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	7.2	6.1	14	5
09/12/2018	09:15	6.2	6.2	6.2	89	4.5	8	NW	0.67	14	NNW	3.6	6.2	3.6	2.1	29.64	0.0	0.0	14	0.10	14	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	14	5
09/12/2018	09:20	6.2	6.3	6.2	89	4.5	7	NW	0.58	12	NW	3.9	6.2	3.9	2.4	29.65	0.0	0.0	16	0.11	16	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	14	5
09/12/2018	09:25	6.3	6.3	6.2	89	4.6	8	NNW	0.67	13	NW	3.7	6.3	3.7	2.3	29.65	0.0	0.0	16	0.11	16	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	14	5
09/12/2018	09:30	6.3	6.3	6.2	89	4.6	9	NW	0.75	14	NW	3.3	6.3	3.3	2.0	29.65	0.0	0.0	16	0.11	16	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	14	5
09/12/2018	09:35	6.3	6.3	6.3	89	4.7	9	NNW	0.75	13	NNW	3.4	6.3	3.4	2.1	29.66	0.0	0.0	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	13	5
09/12/2018	09:40	6.4	6.4	6.3	88	4.5	8	NW	0.67	13	NNW	3.8	6.4	3.8	2.4	29.66	0.0	0.0	18	0.13	18	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	13	5
09/12/2018	09:45	6.4	6.4	6.4	88	4.6	6	NW	0.50	13	NNW	4.4	6.4	4.4	3.0	29.67	0.0	0.0	18	0.13	18	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	13	5
09/12/2018	09:50	6.5	6.5	6.4	88	4.7	7	NW	0.58	13	NW	4.2	6.5	4.2	3.3	29.67	0.0	0.0	18	0.13	19	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	13	5
09/12/2018	09:55	6.6	6.6	6.5	88	4.7	7	NW	0.58	13	NNW	4.3	6.6	4.3	3.6	29.68	0.0	0.0	25	0.18	32	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.1	12	5
09/12/2018	10:00	6.6	6.6	6.6	89	4.9	7	WNW	0.58	12	N	4.4	6.7	4.4	3.8	29.68	0.0	0.0	28	0.20	33	0	0.00	0.00	0.04	0.00	0.03	50	6.7	3.9	7.2	6.7	12	5
09/12/2018	10:05	6.7	6.7	6.6	89	5.0	8	NW	0.67	15	NW	4.1	6.7	4.2	3.4	29.69	0.0	0.0	22	0.16	25	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	7.2	6.7	12	5
09/12/2018	10:10	6.7	6.7	6.7	89	5.0	10	NW	0.83	18	NW	3.6	6.8	3.6	3.4	29.69	0.0	0.0	44	0.32	81	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	7.2	6.7	11	5
09/12/2018	10:15	6.8	6.8	6.7	89	5.1	9	NW	0.75	12	NW	4.0	6.9	4.1	5.3	29.69	0.0	0.0	121	0.87	127	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	7.2	6.7	11	5
09/12/2018	10:20	6.8	6.8	6.8	88	5.0	11	NW	0.92	19	NNW	3.4	6.8	3.4	4.8	29.70	0.0	0.0	133	0.95	141	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	7.2	6.7	10	5
09/12/2018	10:25	6.9	6.9	6.8	89	5.2	10	NW	0.83	17	NNW	3.8	6.9	3.8	4.9	29.70	0.0	0.0	110	0.79	139	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	7.2	6.7	9	5
09/12/2018	10:30	6.9	6.9	6.9	88	5.1	10	NW	0.83	19	NW	3.8	6.9	3.8	3.6	29.71	0.0	0.0	45	0.32	67	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	7.2	6.7	9	5
09/12/2018	10:35	6.9	6.9	6.9	88	5.1	11	WNW	0.92	22	WNW	3.6	6.9	3.6	3.8	29.71	0.0	0.0	65	0.47	118	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	6.7	7	5
09/12/2018	10:40	7.0	7.1	6.9	88	5.1	10	NW	0.83	16	NW	3.9	7.0	3.9	3.7	29.72	0.0	0.0	45	0.32	120	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	7.2	6	5
09/12/2018	10:45	7.1	7.1	7.0	88	5.2	12	WNW	1.00	20	WNW	3.4	7.1	3.4	5.1	29.72	0.0	0.0	157	1.13	162	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	7.2	4	5
09/12/2018	10:50	7.1	7.1	7.1	88	5.3	13	WNW	1.08	18	NW	3.3	7.1	3.3	4.4	29.73	0.0	0.0	117	0.84	149	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	7.2	4	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
09/12/2018	10:55	7.2	7.2	7.1	88	5.3	9	WNW	0.75	16	NW	4.4	7.2	4.4	4.5	29.73	0.0	0.0	60	0.43	81	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	7.2	3	5
09/12/2018	11:00	7.3	7.3	7.2	88	5.4	10	NW	0.83	15	NW	4.2	7.3	4.2	4.7	29.74	0.0	0.0	78	0.56	97	0	0.00	0.00	0.04	0.00	0.05	50	6.7	5.6	6.7	7.8	3	5
09/12/2018	11:05	7.3	7.3	7.3	88	5.5	10	NW	0.83	16	NW	4.3	7.3	4.3	4.2	29.74	0.0	0.0	51	0.37	56	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	7.8	2	5
09/12/2018	11:10	7.3	7.3	7.3	87	5.3	10	NW	0.83	20	NNW	4.3	7.3	4.3	5.1	29.74	0.0	0.0	96	0.69	167	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.7	8.3	1	5
09/12/2018	11:15	7.4	7.4	7.3	87	5.4	13	NW	1.08	22	NW	3.7	7.4	3.7	4.2	29.75	0.0	0.0	87	0.62	111	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.7	8.3	0	5
09/12/2018	11:20	7.5	7.5	7.4	86	5.3	12	NW	1.00	20	NW	4.0	7.5	4.0	5.1	29.75	0.0	0.0	112	0.80	139	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.7	8.9	0	5
09/12/2018	11:25	7.6	7.6	7.5	86	5.4	11	NW	0.92	19	WNW	4.3	7.6	4.3	6.3	29.75	0.0	0.0	164	1.18	199	0	0.00	0.00	0.04	0.00	0.00	50	6.1	6.1	6.7	10.0	0	5
09/12/2018	11:30	7.8	7.8	7.6	85	5.4	11	NW	0.92	19	NNW	4.6	7.8	4.6	6.3	29.76	0.0	0.0	149	1.07	200	0	0.00	0.00	0.04	0.00	0.00	50	6.1	6.7	6.7	9.4	0	5
09/12/2018	11:35	7.8	7.8	7.8	86	5.6	11	NNW	0.92	16	NNW	4.6	7.8	4.6	5.7	29.76	0.0	0.0	118	0.85	123	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	8.9	0	5
09/12/2018	11:40	7.7	7.8	7.7	86	5.5	10	NNW	0.83	17	NNW	4.7	7.7	4.7	5.8	29.76	0.0	0.0	112	0.80	127	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
09/12/2018	11:45	7.8	7.8	7.7	86	5.6	9	NW	0.75	18	NW	5.1	7.8	5.1	6.1	29.77	0.0	0.0	101	0.72	139	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	8.9	0	5
09/12/2018	11:50	7.8	7.8	7.8	86	5.6	12	NNW	1.00	18	NNW	4.3	7.8	4.3	5.1	29.77	0.0	0.0	96	0.69	160	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
09/12/2018	11:55	7.7	7.8	7.7	85	5.3	14	NW	1.17	19	WNW	3.8	7.7	3.8	3.9	29.77	0.0	0.0	64	0.46	83	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	7.8	0	5
09/12/2018	12:00	7.6	7.7	7.6	86	5.4	13	NNW	1.08	20	NNW	3.8	7.6	3.8	4.1	29.77	0.0	0.0	68	0.49	102	0	0.00	0.00	0.04	0.00	0.08	50	6.7	6.1	6.7	7.8	0	5
09/12/2018	12:05	7.5	7.6	7.5	86	5.3	9	NNW	0.75	17	NNW	4.8	7.5	4.8	5.8	29.77	0.0	0.0	110	0.79	135	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	0	5
09/12/2018	12:10	7.5	7.6	7.5	86	5.3	10	NW	0.83	17	NW	4.5	7.5	4.5	5.9	29.77	0.0	0.0	129	0.92	135	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	12:15	7.4	7.6	7.4	86	5.3	8	NNW	0.67	13	NNW	5.1	7.4	5.1	5.6	29.77	0.0	0.0	78	0.56	142	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	12:20	7.6	7.6	7.4	87	5.5	7	NW	0.58	12	NW	5.5	7.6	5.5	7.3	29.78	0.0	0.0	141	1.01	158	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	9.4	0	5
09/12/2018	12:25	7.7	7.7	7.6	86	5.5	12	NNW	1.00	26	NW	4.2	7.7	4.2	5.5	29.78	0.0	0.0	129	0.92	174	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	8.3	0	5
09/12/2018	12:30	7.7	7.7	7.7	84	5.2	13	NW	1.08	23	NW	4.0	7.7	4.0	5.6	29.78	0.0	0.0	152	1.09	167	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	12:35	7.7	7.7	7.7	84	5.2	12	WNW	1.00	20	NW	4.2	7.7	4.2	5.1	29.78	0.0	0.0	103	0.74	137	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	12:40	7.8	7.8	7.7	84	5.2	12	WNW	1.00	19	NW	4.3	7.8	4.3	5.2	29.79	0.0	0.0	104	0.75	125	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	12:45	7.8	7.8	7.8	83	5.1	11	NW	0.92	19	NNW	4.6	7.8	4.6	5.9	29.79	0.0	0.0	126	0.90	149	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	12:50	7.8	7.8	7.8	83	5.1	11	NW	0.92	23	NW	4.6	7.8	4.6	5.8	29.79	0.0	0.0	125	0.90	137	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	12:55	7.9	7.9	7.8	83	5.2	10	NW	0.83	17	WNW	4.9	7.8	4.8	5.5	29.80	0.0	0.0	89	0.64	105	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	13:00	7.9	7.9	7.9	82	5.1	11	WNW	0.92	18	NW	4.7	7.9	4.7	5.5	29.80	0.0	0.0	101	0.72	132	0	0.00	0.00	0.04	0.00	0.08	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	13:05	8.1	8.1	7.9	82	5.2	11	WNW	0.92	17	WNW	4.9	8.0	4.8	6.5	29.81	0.0	0.0	148	1.06	197	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	8.3	0	5
09/12/2018	13:10	8.1	8.1	8.0	81	5.0	12	WNW	1.00	24	WNW	4.6	7.9	4.5	5.2	29.81	0.0	0.0	94	0.67	100	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
09/12/2018	13:15	7.9	8.0	7.9	81	4.8	16	WNW	1.33	25	NW	3.6	7.8	3.5	3.8	29.81	0.0	0.0	76	0.54	93	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	8.3	0	5
09/12/2018	13:20	7.8	7.9	7.8	81	4.8	15	WNW	1.25	25	NW	3.7	7.7	3.6	3.6	29.82	0.0	0.0	52	0.37	70	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	0	5
09/12/2018	13:25	7.9	7.9	7.8	80	4.7	12	WNW	1.00	17	WNW	4.5	7.8	4.4	4.9	29.82	0.0	0.0	83	0.59	86	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	8.3	0	5
09/12/2018	13:30	7.9	7.9	7.9	79	4.5	16	WNW	1.33	25	NW	3.6	7.8	3.5	3.6	29.82	0.0	0.0	63	0.45	70	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	8.3	0	5
09/12/2018	13:35	7.8	7.9	7.8	79	4.4	16	WNW	1.33	28	NW	3.6	7.7	3.4	3.6	29.82	0.0	0.0	65	0.47	76	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	13:40	7.8	7.8	7.8	80	4.5	11	NW	0.92	21	NW	4.6	7.7	4.4	4.3	29.82	0.0	0.0	48	0.34	72	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	13:45	7.7	7.8	7.7	80	4.4	14	NW	1.17	22	WNW	3.8	7.6	3.7	3.1	29.83	0.0	0.0	28	0.20	32	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	13:50	7.6	7.7	7.6	80	4.3	14	WNW	1.17	22	WNW	3.6	7.4	3.5	2.9	29.83	0.0	0.0	28	0.20	30	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.6	6.7	7.8	0	5
09/12/2018	13:55	7.5	7.6	7.5	80	4.3	15	NW	1.25	22	NW	3.4	7.4	3.3	2.7	29.84	0.0	0.0	26	0.19	30	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	7.2	0	5
09/12/2018	14:00	7.4	7.5	7.4	80	4.2	12	WNW	1.00	19	NW	3.9	7.3	3.8	3.2	29.84	0.0	0.0	26	0.19	28	0	0.00	0.00	0.04	0.00	0.08	50	6.7	5.0	6.7	7.2	0	5
09/12/2018	14:05	7.4	7.5	7.4	81	4.3	13	NW	1.08	23	NW	3.6	7.3	3.5	2.9	29.85	0.0	0.0	27	0.19	28	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	7.2	0	5
09/12/2018	14:10	7.3	7.4	7.3	81	4.2	11	NW	0.92	21	NW	3.9	7.2	3.8	3.1	29.85	0.0	0.0	22	0.16	23	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	7.2	0	5
09/12/2018	14:15	7.2	7.3	7.2	81	4.1	11	NW	0.92	23	NW	3.8	7.1	3.7	3.0	29.85	0.0	0.0	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	7.2	0	5
09/12/2018	14:20	7.1	7.2	7.1	81	4.1	10	NW	0.83	18	NW	4.1	7.0	3.9	3.2	29.86	0.0	0.0	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	6.7	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
09/12/2018	14:25	7.1	7.1	7.1	81	4.0	12	NW	1.00	20	NW	3.4	6.9	3.3	2.7	29.86	0.0	0.0	26	0.19	28	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	6.7	0	5
09/12/2018	14:30	7.1	7.1	7.1	80	3.9	14	NW	1.17	21	WNW	3.1	7.0	3.0	2.6	29.86	0.0	0.0	33	0.24	35	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	7.2	0	5
09/12/2018	14:35	7.1	7.2	7.1	80	3.9	13	NW	1.08	21	NNW	3.3	7.0	3.2	2.9	29.86	0.0	0.0	38	0.27	40	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	7.2	0	5
09/12/2018	14:40	7.1	7.2	7.1	80	3.9	13	NW	1.08	26	NW	3.3	7.0	3.2	2.7	29.87	0.0	0.0	30	0.22	37	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	7.2	0	5
09/12/2018	14:45	7.1	7.2	7.1	80	3.9	12	NW	1.00	20	NNW	3.6	7.0	3.4	2.8	29.87	0.0	0.0	24	0.17	26	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	7.2	0	5
09/12/2018	14:50	7.2	7.2	7.1	80	3.9	12	NW	1.00	20	WNW	3.6	7.1	3.5	2.3	29.87	0.0	0.0	21	0.15	21	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	6.7	0	5
09/12/2018	14:55	7.1	7.2	7.1	79	3.7	11	NW	0.92	21	N	3.8	7.0	3.7	2.4	29.88	0.0	0.0	18	0.13	19	0	0.00	0.00	0.04	0.00	0.00	50	6.1	4.4	6.7	6.7	0	5
09/12/2018	15:00	7.1	7.1	7.1	79	3.7	12	NW	1.00	19	NW	3.4	6.9	3.3	2.1	29.88	0.0	0.0	17	0.12	18	0	0.00	0.00	0.04	0.00	0.05	50	6.1	4.4	6.7	6.7	0	5
09/12/2018	15:05	7.1	7.1	7.1	79	3.7	11	NW	0.92	21	NW	3.7	6.9	3.6	2.2	29.88	0.0	0.0	16	0.11	16	0	0.00	0.00	0.04	0.00	0.00	50	6.1	4.4	6.7	6.7	0	5
09/12/2018	15:10	6.9	7.1	6.9	79	3.6	11	NW	0.92	17	NW	3.6	6.8	3.4	2.1	29.89	0.0	0.0	15	0.11	16	0	0.00	0.00	0.04	0.00	0.00	50	6.1	4.4	6.7	6.7	0	5
09/12/2018	15:15	6.9	7.0	6.9	79	3.5	12	WNW	1.00	20	WNW	3.3	6.8	3.2	1.8	29.89	0.0	0.0	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	50	6.1	4.4	6.7	6.7	0	5
09/12/2018	15:20	6.8	6.9	6.8	78	3.3	11	NW	0.92	18	WNW	3.4	6.7	3.3	1.9	29.90	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	50	6.1	3.9	6.7	6.1	0	5
09/12/2018	15:25	6.8	6.8	6.8	78	3.2	10	NW	0.83	15	WNW	3.6	6.6	3.4	2.0	29.91	0.0	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.9	6.7	6.1	0	5
09/12/2018	15:30	6.7	6.8	6.7	79	3.3	10	NW	0.83	19	NNW	3.5	6.6	3.4	1.9	29.91	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.9	6.7	6.1	0	5
09/12/2018	15:35	6.6	6.7	6.6	79	3.2	8	NW	0.67	14	NNW	4.1	6.5	3.9	2.4	29.91	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.9	6.7	6.1	0	5
09/12/2018	15:40	6.5	6.6	6.5	79	3.1	7	NNW	0.58	12	NNW	4.2	6.3	4.1	2.3	29.92	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.3	6.7	5.6	0	5
09/12/2018	15:45	6.4	6.5	6.4	79	3.0	8	NW	0.67	16	NW	3.8	6.2	3.6	2.0	29.92	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.3	6.7	5.6	0	5
09/12/2018	15:50	6.3	6.4	6.3	79	3.0	7	NW	0.58	12	NW	4.1	6.2	3.9	2.1	29.93	0.0	0.0	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.3	6.7	5.6	0	5
09/12/2018	15:55	6.2	6.3	6.2	79	2.8	7	NW	0.58	12	NW	3.9	6.1	3.7	1.9	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.3	6.7	5.6	0	5
09/12/2018	16:00	6.1	6.2	6.1	79	2.7	10	NW	0.83	16	WNW	2.8	5.9	2.7	1.1	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	51	6.1	3.3	6.7	5.6	0	5
09/12/2018	16:05	6.1	6.1	6.1	80	2.9	9	WNW	0.75	15	WNW	3.1	5.9	2.9	1.3	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.3	6.7	5.6	0	5
09/12/2018	16:10	6.0	6.1	6.0	80	2.8	10	NW	0.83	19	WNW	2.7	5.8	2.6	1.0	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.3	6.7	5.6	0	5
09/12/2018	16:15	6.0	6.0	5.9	80	2.8	8	NW	0.67	14	NNW	3.3	5.8	3.2	1.5	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.3	6.7	5.6	0	5
09/12/2018	16:20	5.9	5.9	5.9	80	2.8	10	WNW	0.83	16	NW	2.7	5.8	2.5	0.9	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.3	6.7	5.6	0	5
09/12/2018	16:25	5.9	5.9	5.9	80	2.7	10	WNW	0.83	17	NW	2.6	5.7	2.4	0.9	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	2.8	6.7	5.0	0	5
09/12/2018	16:30	5.8	5.9	5.8	81	2.8	9	NW	0.75	13	NW	2.8	5.7	2.7	1.1	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	2.8	6.7	5.0	0	5
09/12/2018	16:35	5.8	5.8	5.8	81	2.8	8	WNW	0.67	16	WNW	3.1	5.6	2.9	1.2	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	16:40	5.7	5.8	5.7	81	2.7	8	NW	0.67	16	NW	2.9	5.5	2.7	1.1	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	16:45	5.7	5.7	5.6	82	2.8	8	WNW	0.67	17	NW	2.9	5.5	2.7	1.1	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	16:50	5.6	5.7	5.6	82	2.8	7	NNW	0.58	11	N	3.1	5.4	2.9	1.2	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	16:55	5.6	5.6	5.6	82	2.8	9	NW	0.75	14	NW	2.6	5.4	2.4	0.8	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	17:00	5.6	5.7	5.6	82	2.8	7	NW	0.58	11	NW	3.1	5.4	2.9	1.2	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	17:05	5.6	5.7	5.6	82	2.8	8	NW	0.67	12	NW	2.8	5.4	2.7	1.0	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	17:10	5.6	5.6	5.6	82	2.8	9	NW	0.75	13	WNW	2.6	5.4	2.4	0.8	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	17:15	5.6	5.6	5.6	82	2.7	8	NW	0.67	13	NW	2.8	5.4	2.6	0.9	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	17:20	5.6	5.6	5.6	82	2.8	12	NW	1.00	20	NW	1.8	5.4	1.6	0.2	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.6	0	5
09/12/2018	17:25	5.7	5.7	5.6	82	2.8	11	NW	0.92	17	NW	2.1	5.5	1.9	0.4	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	17:30	5.7	5.7	5.6	82	2.8	10	WNW	0.83	18	WNW	2.3	5.5	2.2	0.6	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	17:35	5.7	5.7	5.7	82	2.8	11	NW	0.92	17	NW	2.1	5.5	1.9	0.4	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.6	0	5
09/12/2018	17:40	5.7	5.7	5.7	82	2.9	11	NW	0.92	17	WNW	2.2	5.6	2.1	0.6	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	17:45	5.7	5.8	5.7	82	2.9	9	NW	0.75	14	NNW	2.7	5.6	2.6	0.9	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	17:50	5.7	5.7	5.7	83	3.1	8	NW	0.67	14	WNW	3.0	5.6	2.9	1.2	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
09/12/2018	17:55	5.7	5.7	5.7	83	3.0	7	WNW	0.58	14	NNW	3.2	5.6	3.1	1.3	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	18:00	5.6	5.7	5.6	84	3.1	8	NW	0.67	15	NW	2.8	5.5	2.7	1.1	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	18:05	5.6	5.6	5.6	84	3.1	9	NW	0.75	14	NNW	2.6	5.5	2.4	0.8	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	18:10	5.6	5.6	5.6	85	3.2	9	NW	0.75	14	WNW	2.5	5.4	2.4	0.8	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	18:15	5.6	5.6	5.6	85	3.2	8	NW	0.67	15	NNW	2.8	5.4	2.7	1.0	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	18:20	5.6	5.6	5.5	85	3.2	6	NW	0.50	12	NNW	3.4	5.4	3.3	1.5	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	2.8	6.7	5.0	0	5
09/12/2018	18:25	5.5	5.6	5.5	85	3.2	7	NW	0.58	12	NW	3.0	5.4	2.9	1.1	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	18:30	5.4	5.5	5.4	85	3.1	8	NW	0.67	12	NW	2.7	5.3	2.6	0.9	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	18:35	5.4	5.4	5.4	86	3.3	8	WNW	0.67	14	WNW	2.7	5.3	2.6	0.9	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	18:40	5.4	5.4	5.4	86	3.2	9	WNW	0.75	17	WNW	2.3	5.3	2.2	0.6	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	18:45	5.3	5.4	5.3	86	3.2	8	WNW	0.67	15	W	2.5	5.2	2.4	0.7	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	18:50	5.3	5.3	5.3	86	3.2	8	WNW	0.67	14	NW	2.5	5.2	2.4	0.7	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	18:55	5.3	5.3	5.3	86	3.2	9	WNW	0.75	16	WNW	2.2	5.2	2.1	0.5	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	19:00	5.3	5.3	5.3	86	3.2	9	WNW	0.75	16	WNW	2.2	5.2	2.1	0.5	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	19:05	5.3	5.3	5.3	86	3.2	9	WNW	0.75	14	WNW	2.2	5.2	2.1	0.5	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	19:10	5.3	5.3	5.3	86	3.2	8	WNW	0.67	13	WNW	2.5	5.2	2.4	0.7	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	19:15	5.3	5.3	5.3	86	3.1	9	WNW	0.75	17	WNW	2.2	5.2	2.1	0.4	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	19:20	5.3	5.3	5.3	86	3.2	9	WNW	0.75	16	WNW	2.2	5.2	2.1	0.5	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	19:25	5.3	5.3	5.3	86	3.2	11	WNW	0.92	17	WNW	1.7	5.2	1.6	0.1	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	2.8	6.7	5.0	0	5
09/12/2018	19:30	5.4	5.4	5.3	86	3.3	11	WNW	0.92	20	WNW	1.8	5.3	1.7	0.2	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	2.8	6.7	5.0	0	5
09/12/2018	19:35	5.6	5.6	5.4	85	3.2	12	WNW	1.00	18	WNW	1.7	5.4	1.6	0.2	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	2.8	6.7	5.6	0	5
09/12/2018	19:40	5.6	5.6	5.6	85	3.3	11	W	0.92	17	WNW	2.0	5.5	1.9	0.4	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	2.8	6.7	5.6	0	5
09/12/2018	19:45	5.7	5.7	5.6	84	3.2	11	W	0.92	18	W	2.2	5.6	2.1	0.6	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	2.8	6.7	5.6	0	5
09/12/2018	19:50	5.8	5.8	5.7	84	3.3	10	WNW	0.83	16	NW	2.4	5.7	2.3	0.8	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	2.8	6.7	5.6	0	5
09/12/2018	19:55	5.8	5.8	5.8	84	3.3	10	W	0.83	17	WNW	2.6	5.7	2.4	0.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:00	5.9	5.9	5.9	84	3.4	10	W	0.83	19	W	2.7	5.8	2.6	1.0	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	52	5.6	2.8	6.7	5.6	0	5
09/12/2018	20:05	5.9	6.0	5.9	84	3.4	10	W	0.83	18	NW	2.7	5.8	2.6	1.0	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:10	6.1	6.1	5.9	84	3.6	10	W	0.83	18	W	2.8	6.0	2.7	1.2	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	2.8	6.7	5.6	0	5
09/12/2018	20:15	6.1	6.1	6.1	84	3.6	10	W	0.83	18	WNW	2.8	6.0	2.7	1.2	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:20	6.1	6.1	6.1	84	3.6	9	WNW	0.75	14	WNW	3.1	6.0	3.0	1.4	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:25	6.1	6.1	6.1	84	3.6	11	W	0.92	20	NW	2.6	6.1	2.6	1.1	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:30	6.2	6.2	6.1	84	3.7	10	WNW	0.83	18	WNW	2.9	6.1	2.8	1.3	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:35	6.2	6.2	6.2	84	3.7	12	WNW	1.00	19	WNW	2.4	6.1	2.4	0.9	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:40	6.2	6.2	6.2	85	3.9	12	WNW	1.00	20	NW	2.5	6.2	2.4	1.0	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:45	6.2	6.2	6.2	85	3.9	12	WNW	1.00	19	NNW	2.5	6.2	2.4	1.0	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:50	6.2	6.2	6.2	85	3.9	12	WNW	1.00	19	WNW	2.5	6.2	2.4	1.0	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	20:55	6.2	6.2	6.2	86	4.1	12	WNW	1.00	20	NW	2.5	6.2	2.4	1.1	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:00	6.2	6.3	6.2	86	4.1	13	WNW	1.08	20	WNW	2.3	6.2	2.2	0.8	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:05	6.2	6.3	6.2	86	4.1	13	WNW	1.08	20	WNW	2.3	6.2	2.2	0.8	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	6.1	0	5
09/12/2018	21:10	6.2	6.3	6.2	86	4.1	11	WNW	0.92	18	WNW	2.7	6.2	2.7	1.2	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:15	6.2	6.2	6.2	86	4.0	10	WNW	0.83	17	NW	2.9	6.1	2.8	1.3	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:20	6.2	6.2	6.2	87	4.2	11	WNW	0.92	20	WNW	2.7	6.1	2.6	1.2	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
09/12/2018	21:25	6.1	6.2	6.1	87	4.1	10	WNW	0.83	16	WNW	2.8	6.1	2.8	1.3	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:30	6.1	6.1	6.1	87	4.1	11	WNW	0.92	18	NW	2.6	6.1	2.6	1.1	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:35	6.1	6.1	6.1	87	4.1	10	WNW	0.83	17	WNW	2.8	6.1	2.8	1.3	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:40	6.1	6.1	6.1	87	4.1	9	W	0.75	16	WNW	3.1	6.1	3.1	1.5	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:45	6.1	6.1	6.1	87	4.1	9	WNW	0.75	16	W	3.1	6.1	3.1	1.5	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:50	6.1	6.1	6.1	87	4.1	8	W	0.67	12	W	3.4	6.0	3.3	1.7	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	21:55	6.1	6.1	6.1	87	4.1	8	W	0.67	16	WNW	3.4	6.0	3.3	1.7	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.7	5.6	0	5
09/12/2018	22:00	6.1	6.1	6.1	87	4.1	8	W	0.67	13	W	3.4	6.0	3.3	1.7	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	52	5.6	3.9	6.7	5.6	0	5
09/12/2018	22:05	6.1	6.1	6.1	88	4.2	9	W	0.75	14	WNW	3.1	6.1	3.1	1.5	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.7	6.1	0	5
09/12/2018	22:10	6.1	6.1	6.1	88	4.3	8	W	0.67	14	W	3.4	6.1	3.4	1.8	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.7	6.1	0	5
09/12/2018	22:15	6.1	6.1	6.1	88	4.3	9	W	0.75	16	W	3.1	6.1	3.1	1.6	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.7	6.1	0	5
09/12/2018	22:20	6.2	6.2	6.1	88	4.3	10	W	0.83	16	W	2.9	6.2	2.9	1.4	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.7	6.1	0	5
09/12/2018	22:25	6.2	6.2	6.2	88	4.3	10	W	0.83	16	NW	2.9	6.2	2.9	1.4	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.7	5.6	0	5
09/12/2018	22:30	6.1	6.2	6.1	88	4.3	8	W	0.67	14	WNW	3.4	6.1	3.4	1.8	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	22:35	6.0	6.1	6.0	88	4.2	10	WNW	0.83	20	WNW	2.7	6.0	2.7	1.2	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	22:40	5.9	6.0	5.9	88	4.1	10	WNW	0.83	16	WNW	2.7	5.9	2.6	1.1	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	22:45	5.8	5.9	5.8	89	4.2	10	WNW	0.83	17	NW	2.6	5.8	2.6	1.1	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	22:50	5.8	5.8	5.8	89	4.1	10	WNW	0.83	17	W	2.4	5.8	2.4	0.9	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	22:55	5.7	5.8	5.7	89	4.0	9	WNW	0.75	14	NW	2.7	5.7	2.7	1.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	23:00	5.7	5.7	5.7	89	4.0	11	WNW	0.92	19	WNW	2.2	5.7	2.2	0.7	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	23:05	5.7	5.7	5.7	89	4.0	13	WNW	1.08	18	WNW	1.7	5.7	1.7	0.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	23:10	5.7	5.7	5.7	89	4.0	11	WNW	0.92	16	WNW	2.1	5.7	2.1	0.6	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	23:15	5.7	5.7	5.6	89	4.0	11	WNW	0.92	18	NW	2.1	5.7	2.1	0.6	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	23:20	5.7	5.7	5.7	89	4.0	13	WNW	1.08	18	WNW	1.7	5.7	1.7	0.3	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
09/12/2018	23:25	5.7	5.7	5.7	89	4.0	11	NW	0.92	18	NW	2.1	5.7	2.1	0.6	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	23:30	5.7	5.7	5.6	89	4.0	12	NW	1.00	17	NW	1.8	5.7	1.8	0.4	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	23:35	5.7	5.7	5.6	88	3.8	10	WNW	0.83	15	WNW	2.3	5.6	2.3	0.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	23:40	5.6	5.7	5.6	88	3.8	9	WNW	0.75	16	WNW	2.6	5.6	2.5	0.9	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	2.8	6.7	5.0	0	5
09/12/2018	23:45	5.6	5.6	5.6	89	3.9	10	WNW	0.83	16	WNW	2.2	5.6	2.2	0.7	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	23:50	5.6	5.6	5.6	89	3.9	10	WNW	0.83	17	WNW	2.2	5.6	2.2	0.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
09/12/2018	23:55	5.6	5.6	5.6	89	3.9	12	WNW	1.00	21	WNW	1.8	5.6	1.8	0.4	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
10/12/2018	00:00	5.7	5.7	5.6	89	4.0	12	WNW	1.00	21	NW	1.8	5.7	1.8	0.4	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	52	5.6	3.3	6.7	5.6	0	5
10/12/2018	00:05	5.7	5.7	5.7	88	3.8	10	W	0.83	19	NW	2.3	5.6	2.3	0.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
10/12/2018	00:10	5.7	5.7	5.7	88	3.8	10	WNW	0.83	19	NW	2.3	5.6	2.3	0.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
10/12/2018	00:15	5.7	5.7	5.7	89	4.0	11	WNW	0.92	16	WNW	2.1	5.7	2.1	0.6	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
10/12/2018	00:20	5.7	5.7	5.7	89	4.0	9	WNW	0.75	16	WNW	2.6	5.7	2.6	1.1	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
10/12/2018	00:25	5.7	5.7	5.7	89	4.0	10	WNW	0.83	16	WNW	2.3	5.7	2.3	0.8	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.6	0	5
10/12/2018	00:30	5.7	5.7	5.7	89	4.0	9	WNW	0.75	15	WNW	2.6	5.7	2.6	1.1	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.7	5.0	0	5
10/12/2018	00:35	5.6	5.7	5.6	89	3.9	8	WNW	0.67	15	WNW	2.8	5.6	2.8	1.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.1	5.0	0	5
10/12/2018	00:40	5.6	5.6	5.6	89	3.9	8	WNW	0.67	14	WNW	2.8	5.6	2.8	1.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	00:45	5.6	5.6	5.6	89	3.9	8	WNW	0.67	13	NW	2.8	5.6	2.8	1.1	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	00:50	5.5	5.6	5.5	90	4.0	10	WNW	0.83	17	WNW	2.2	5.5	2.2	0.7	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
10/12/2018	00:55	5.4	5.5	5.4	90	3.9	9	WNW	0.75	16	W	2.4	5.4	2.4	0.8	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	01:00	5.4	5.5	5.4	90	3.9	9	WNW	0.75	13	WNW	2.4	5.4	2.4	0.8	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	01:05	5.4	5.5	5.4	90	3.9	10	WNW	0.83	16	WNW	2.1	5.4	2.1	0.6	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	01:10	5.4	5.4	5.4	90	3.9	10	WNW	0.83	18	NNW	2.1	5.4	2.1	0.6	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	01:15	5.4	5.5	5.4	90	3.9	10	WNW	0.83	17	WNW	2.1	5.4	2.1	0.6	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	01:20	5.5	5.5	5.4	90	4.0	9	WNW	0.75	18	WNW	2.4	5.5	2.4	0.9	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	01:25	5.4	5.5	5.4	90	3.9	8	WNW	0.67	13	NW	2.7	5.4	2.7	1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	01:30	5.4	5.5	5.4	90	3.9	6	W	0.50	12	W	3.3	5.4	3.3	1.6	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	0	5
10/12/2018	01:35	5.3	5.4	5.3	90	3.8	7	W	0.58	14	W	2.8	5.3	2.8	1.0	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	0	5
10/12/2018	01:40	5.3	5.3	5.3	90	3.8	9	W	0.75	16	W	2.2	5.3	2.2	0.6	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	01:45	5.2	5.3	5.2	90	3.7	7	W	0.58	12	WNW	2.7	5.2	2.6	0.8	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	01:50	5.2	5.2	5.2	90	3.7	8	W	0.67	15	W	2.4	5.2	2.3	0.7	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	0	5
10/12/2018	01:55	5.3	5.3	5.2	90	3.8	8	WNW	0.67	13	WNW	2.4	5.3	2.4	0.8	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:00	5.3	5.3	5.2	90	3.8	8	WNW	0.67	15	WNW	2.4	5.3	2.4	0.8	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:05	5.3	5.3	5.2	90	3.8	7	W	0.58	15	W	2.7	5.3	2.7	0.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	0	5
10/12/2018	02:10	5.3	5.3	5.3	90	3.8	8	W	0.67	15	WNW	2.4	5.3	2.4	0.8	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:15	5.3	5.3	5.3	90	3.8	8	W	0.67	16	WSW	2.5	5.3	2.5	0.8	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:20	5.4	5.4	5.3	90	3.9	8	W	0.67	15	WNW	2.6	5.4	2.6	0.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:25	5.4	5.4	5.4	90	3.9	8	W	0.67	13	WNW	2.7	5.4	2.7	1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:30	5.4	5.4	5.4	90	3.9	8	W	0.67	15	WNW	2.7	5.4	2.7	1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:35	5.4	5.4	5.4	90	3.9	7	W	0.58	12	NNW	2.9	5.4	2.9	1.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:40	5.4	5.4	5.4	90	3.9	7	W	0.58	13	WNW	2.8	5.4	2.8	1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:45	5.4	5.4	5.4	90	3.9	6	W	0.50	11	W	3.2	5.4	3.2	1.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:50	5.3	5.4	5.3	91	4.0	6	WNW	0.50	11	WNW	3.1	5.3	3.1	1.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	02:55	5.4	5.4	5.3	91	4.0	7	WNW	0.58	13	WNW	2.8	5.4	2.8	1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	03:00	5.4	5.4	5.3	91	4.0	9	WNW	0.75	17	NW	2.3	5.4	2.3	0.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	03:05	5.4	5.4	5.4	91	4.1	10	WNW	0.83	16	WNW	2.1	5.4	2.1	0.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	5.6	0	5
10/12/2018	03:10	5.5	5.5	5.4	91	4.1	9	WNW	0.75	14	WNW	2.4	5.5	2.4	0.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	5.0	0	5
10/12/2018	03:15	5.5	5.5	5.5	91	4.1	8	WNW	0.67	12	NW	2.7	5.5	2.7	1.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	5.0	0	5
10/12/2018	03:20	5.5	5.6	5.5	91	4.1	6	WNW	0.50	10	WNW	3.3	5.5	3.3	1.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	5.0	0	5
10/12/2018	03:25	5.6	5.6	5.5	91	4.2	6	W	0.50	12	WSW	3.4	5.6	3.4	1.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.3	6.1	5.6	0	5
10/12/2018	03:30	5.6	5.6	5.6	91	4.3	8	W	0.67	16	W	2.8	5.6	2.8	1.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.0	3.9	6.1	5.6	0	5
10/12/2018	03:35	5.7	5.7	5.6	91	4.4	8	W	0.67	14	W	3.0	5.7	3.0	1.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.0	3.9	6.1	5.6	0	5
10/12/2018	03:40	5.8	5.8	5.7	91	4.4	8	W	0.67	15	W	3.1	5.8	3.1	1.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	0	5
10/12/2018	03:45	5.8	5.9	5.8	91	4.5	7	W	0.58	13	W	3.4	5.8	3.4	1.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	0	5
10/12/2018	03:50	5.9	5.9	5.8	91	4.5	6	W	0.50	12	NW	3.8	5.9	3.8	2.1	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	0	5
10/12/2018	03:55	5.9	5.9	5.9	91	4.6	7	WNW	0.58	14	NW	3.6	5.9	3.6	1.8	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	6.1	0	5
10/12/2018	04:00	5.9	6.0	5.9	91	4.6	5	WNW	0.42	9	WNW	4.2	5.9	4.2	2.5	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	6.1	0	5
10/12/2018	04:05	6.0	6.0	6.0	91	4.6	3	W	0.25	5	WNW	5.3	6.0	5.3	3.6	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	0	5
10/12/2018	04:10	6.0	6.0	6.0	91	4.6	5	WNW	0.42	8	WNW	4.3	6.0	4.3	2.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	1	5
10/12/2018	04:15	6.0	6.0	5.9	91	4.6	4	NW	0.33	8	NW	4.8	6.0	4.8	3.1	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	13	5
10/12/2018	04:20	6.0	6.0	6.0	91	4.6	3	NW	0.25	7	NW	5.3	6.0	5.3	3.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.0	13	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
10/12/2018	04:25	5.9	6.0	5.9	91	4.6	5	NW	0.42	8	NW	4.2	5.9	4.2	2.5	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	12	5
10/12/2018	04:30	5.9	6.0	5.9	91	4.6	6	NW	0.50	9	WNW	3.8	5.9	3.8	2.1	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	10	5
10/12/2018	04:35	5.9	6.0	5.9	91	4.6	5	NW	0.42	9	WNW	4.2	5.9	4.2	2.5	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	6	5
10/12/2018	04:40	6.0	6.0	6.0	91	4.6	5	NW	0.42	9	NW	4.3	6.0	4.3	2.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	5.6	3	5
10/12/2018	04:45	6.1	6.1	6.0	91	4.7	7	NW	0.58	11	NNW	3.7	6.1	3.7	2.0	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	6.1	2	5
10/12/2018	04:50	6.1	6.1	6.1	91	4.8	8	NW	0.67	12	WNW	3.4	6.1	3.4	1.8	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	6.1	0	5
10/12/2018	04:55	6.2	6.2	6.1	91	4.8	7	WNW	0.58	12	NW	3.8	6.2	3.8	2.1	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:00	6.2	6.2	6.2	91	4.9	9	WNW	0.75	13	NW	3.2	6.2	3.2	1.7	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:05	6.3	6.3	6.2	91	4.9	9	NW	0.75	13	NW	3.3	6.3	3.3	1.8	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:10	6.3	6.3	6.3	91	4.9	7	WNW	0.58	12	WNW	4.0	6.3	4.0	2.3	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	2	5
10/12/2018	05:15	6.3	6.3	6.3	91	5.0	9	WNW	0.75	15	WNW	3.4	6.4	3.4	1.9	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:20	6.4	6.4	6.3	91	5.0	7	WNW	0.58	12	NW	4.1	6.4	4.2	2.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:25	6.3	6.4	6.3	91	5.0	6	WNW	0.50	11	WNW	4.3	6.4	4.4	2.7	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:30	6.3	6.4	6.3	91	5.0	5	WNW	0.42	8	NW	4.7	6.4	4.8	3.1	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:35	6.3	6.3	6.3	91	5.0	7	WNW	0.58	10	WNW	4.1	6.4	4.1	2.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:40	6.3	6.3	6.3	92	5.1	5	NW	0.42	9	NW	4.7	6.4	4.8	3.1	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:45	6.3	6.3	6.3	92	5.1	6	NW	0.50	10	NW	4.3	6.4	4.4	2.7	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:50	6.3	6.3	6.3	92	5.1	7	NNW	0.58	11	NNW	4.1	6.4	4.1	2.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	05:55	6.4	6.4	6.3	92	5.2	7	NNW	0.58	11	NNW	4.1	6.4	4.2	2.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	06:00	6.4	6.4	6.4	92	5.2	8	NW	0.67	13	NW	3.8	6.4	3.8	2.2	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	06:05	6.4	6.4	6.4	92	5.2	6	NW	0.50	12	NW	4.4	6.4	4.4	2.7	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	06:10	6.3	6.4	6.3	91	5.0	8	WNW	0.67	15	WNW	3.7	6.4	3.8	2.2	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	06:15	6.3	6.4	6.3	91	5.0	8	WNW	0.67	13	NW	3.7	6.4	3.8	2.2	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	06:20	6.3	6.3	6.3	92	5.1	9	WNW	0.75	13	WNW	3.3	6.3	3.4	1.8	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	06:25	6.3	6.3	6.3	92	5.1	6	WNW	0.50	11	NW	4.3	6.3	4.3	2.6	30.21	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	06:30	6.3	6.3	6.2	92	5.1	7	WNW	0.58	12	NW	4.0	6.3	4.1	2.3	30.21	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	5.6	0	5
10/12/2018	06:35	6.2	6.3	6.2	92	5.0	6	WNW	0.50	10	NW	4.2	6.3	4.2	2.5	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	5.6	0	5
10/12/2018	06:40	6.2	6.3	6.2	92	5.0	8	NW	0.67	15	WNW	3.6	6.3	3.6	2.0	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	06:45	6.2	6.2	6.2	92	5.0	6	NW	0.50	12	NW	4.2	6.3	4.2	2.5	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	06:50	6.3	6.3	6.2	92	5.1	8	NW	0.67	15	WNW	3.7	6.3	3.7	2.1	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	06:55	6.3	6.4	6.3	91	5.0	8	NW	0.67	13	NW	3.7	6.4	3.8	2.2	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	07:00	6.4	6.4	6.3	91	5.1	7	NW	0.58	12	NW	4.2	6.5	4.2	2.5	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	07:05	6.5	6.5	6.4	91	5.1	11	WNW	0.92	17	NW	3.1	6.6	3.1	1.7	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	07:10	6.5	6.5	6.4	91	5.1	9	NW	0.75	14	NW	3.6	6.6	3.6	2.1	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	07:15	6.5	6.5	6.5	91	5.1	7	WNW	0.58	12	NW	4.2	6.6	4.3	2.6	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	07:20	6.4	6.5	6.4	91	5.1	9	NW	0.75	13	WNW	3.5	6.5	3.6	2.0	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	07:25	6.4	6.4	6.4	91	5.1	7	WNW	0.58	11	WNW	4.2	6.5	4.2	2.5	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	07:30	6.4	6.4	6.4	91	5.1	6	WNW	0.50	11	WNW	4.4	6.5	4.5	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	07:35	6.4	6.4	6.4	90	4.9	7	NW	0.58	14	WNW	4.2	6.5	4.2	2.5	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	07:40	6.5	6.5	6.4	90	5.0	5	NW	0.42	10	NW	4.9	6.6	4.9	3.2	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	07:45	6.5	6.5	6.4	90	5.0	5	NNW	0.42	10	NW	4.9	6.6	4.9	3.2	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	07:50	6.5	6.5	6.5	90	5.0	5	NNW	0.42	8	NNW	4.9	6.6	4.9	3.2	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
10/12/2018	07:55	6.5	6.5	6.5	90	5.0	5	NW	0.42	8	NW	4.9	6.6	4.9	3.2	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	08:00	6.6	6.6	6.5	90	5.0	7	NW	0.58	12	NW	4.3	6.6	4.4	2.7	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	08:05	6.5	6.6	6.5	90	5.0	4	WNW	0.33	8	WNW	5.3	6.6	5.4	3.7	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	08:10	6.5	6.5	6.5	90	5.0	6	WNW	0.50	9	WNW	4.5	6.6	4.6	2.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	08:15	6.4	6.5	6.4	90	4.9	7	NW	0.58	11	NW	4.2	6.5	4.2	2.5	30.25	0.0	0.0	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	08:20	6.4	6.4	6.4	90	4.9	7	NW	0.58	12	WNW	4.2	6.5	4.2	2.6	30.24	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	08:25	6.4	6.4	6.4	90	4.9	5	NW	0.42	8	NW	4.8	6.5	4.9	3.3	30.25	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	08:30	6.4	6.4	6.4	90	4.9	5	NNW	0.42	9	NNW	4.8	6.5	4.9	3.3	30.25	0.0	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	08:35	6.4	6.4	6.4	90	4.9	6	NNW	0.50	9	NNW	4.4	6.4	4.4	2.8	30.24	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	08:40	6.4	6.4	6.4	90	4.9	6	NW	0.50	11	NNW	4.4	6.4	4.4	2.8	30.24	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	08:45	6.4	6.4	6.4	90	4.9	6	NW	0.50	9	N	4.4	6.4	4.4	2.8	30.25	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	0	5
10/12/2018	08:50	6.4	6.4	6.4	90	4.9	7	NW	0.58	12	NW	4.2	6.5	4.2	2.7	30.25	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.1	0	5
10/12/2018	08:55	6.4	6.4	6.4	90	4.9	6	NW	0.50	13	NW	4.4	6.5	4.5	2.9	30.25	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:00	6.4	6.5	6.4	90	4.9	8	WNW	0.67	13	WNW	3.8	6.5	3.9	2.4	30.25	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.03	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:05	6.5	6.5	6.4	90	5.0	6	WNW	0.50	11	WNW	4.5	6.6	4.6	3.0	30.25	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:10	6.5	6.6	6.5	90	5.0	6	WNW	0.50	11	NW	4.5	6.6	4.6	3.0	30.25	0.0	0.0	13	0.09	16	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:15	6.6	6.6	6.5	90	5.0	6	WNW	0.50	9	WNW	4.6	6.6	4.7	3.2	30.26	0.0	0.0	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:20	6.6	6.6	6.6	90	5.0	7	NW	0.58	12	NNW	4.3	6.6	4.4	2.9	30.26	0.0	0.0	18	0.13	19	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:25	6.6	6.6	6.6	90	5.1	6	WNW	0.50	12	NW	4.7	6.7	4.7	3.3	30.26	0.0	0.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:30	6.6	6.6	6.6	90	5.0	3	W	0.25	8	NW	5.9	6.6	6.0	4.6	30.26	0.0	0.0	22	0.16	25	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:35	6.6	6.6	6.6	90	5.1	4	W	0.33	9	WNW	5.4	6.7	5.5	4.2	30.26	0.0	0.0	28	0.20	32	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:40	6.6	6.6	6.6	90	5.1	4	W	0.33	9	WNW	5.4	6.7	5.5	4.2	30.27	0.0	0.0	29	0.21	30	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:45	6.6	6.6	6.6	89	4.9	4	WNW	0.33	8	NW	5.4	6.7	5.5	4.1	30.26	0.0	0.0	27	0.19	32	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:50	6.6	6.6	6.6	89	4.9	5	WSW	0.42	9	WNW	5.0	6.6	5.0	4.4	30.26	0.0	0.0	31	0.22	33	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.7	0	5
10/12/2018	09:55	6.5	6.6	6.5	89	4.8	3	WSW	0.25	6	WSW	5.9	6.5	5.9	5.5	30.27	0.0	0.0	38	0.27	40	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.7	0	5
10/12/2018	10:00	6.4	6.5	6.4	89	4.7	1	WSW	0.08	3	WSW	6.4	6.4	6.4	6.0	30.27	0.0	0.0	39	0.28	44	0	0.00	0.00	0.04	0.00	0.03	51	5.6	4.4	6.1	6.7	0	5
10/12/2018	10:05	6.3	6.4	6.3	90	4.8	2	WSW	0.17	3	WSW	6.3	6.3	6.3	5.8	30.27	0.0	0.0	34	0.24	37	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	6.1	0	5
10/12/2018	10:10	6.3	6.3	6.3	90	4.8	3	WSW	0.25	4	WSW	5.7	6.3	5.7	5.8	30.27	0.0	0.0	61	0.44	95	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.7	0	5
10/12/2018	10:15	6.4	6.4	6.3	90	4.9	2	WSW	0.17	5	WSW	6.4	6.5	6.5	7.9	30.27	0.0	0.0	139	1.00	153	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.7	0	5
10/12/2018	10:20	6.6	6.6	6.4	90	5.0	3	WSW	0.25	7	WSW	5.9	6.6	6.0	7.6	30.27	0.0	0.0	147	1.05	160	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.7	0	5
10/12/2018	10:25	6.7	6.7	6.6	90	5.1	4	WSW	0.33	8	WSW	5.5	6.7	5.6	6.9	30.27	0.0	0.0	115	0.82	151	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.7	0	5
10/12/2018	10:30	6.8	6.8	6.7	90	5.3	6	W	0.50	13	WNW	4.9	6.9	5.0	5.1	30.28	0.0	0.0	56	0.40	65	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	7.2	0	5
10/12/2018	10:35	7.0	7.0	6.8	89	5.3	7	WNW	0.58	11	WNW	4.8	7.1	4.9	5.3	30.28	0.0	0.0	71	0.51	90	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	7.2	0	5
10/12/2018	10:40	7.1	7.1	7.0	89	5.4	6	WNW	0.50	14	W	5.2	7.1	5.2	5.6	30.28	0.0	0.0	70	0.50	123	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	7.2	0	5
10/12/2018	10:45	7.1	7.1	7.1	88	5.3	7	W	0.58	12	W	5.0	7.1	5.0	7.1	30.28	0.0	0.0	168	1.20	179	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	7.2	0	5
10/12/2018	10:50	7.1	7.2	7.1	88	5.3	9	WNW	0.75	13	WNW	4.3	7.1	4.3	5.7	30.28	0.0	0.0	123	0.88	156	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	7.2	0	5
10/12/2018	10:55	7.2	7.2	7.2	87	5.2	8	WNW	0.67	14	NW	4.8	7.2	4.8	5.2	30.28	0.0	0.0	70	0.50	84	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	7.8	0	5
10/12/2018	11:00	7.3	7.3	7.2	87	5.3	7	WNW	0.58	12	WNW	5.2	7.3	5.2	5.1	30.27	0.0	0.0	51	0.37	63	0	0.00	0.00	0.04	0.00	0.05	51	5.6	5.0	6.1	7.8	0	5
10/12/2018	11:05	7.4	7.4	7.3	86	5.2	9	NW	0.75	15	NW	4.7	7.4	4.7	4.8	30.27	0.0	0.0	60	0.43	74	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	8.9	0	5
10/12/2018	11:10	7.6	7.6	7.3	85	5.2	10	WNW	0.83	16	NNW	4.6	7.6	4.6	6.1	30.28	0.0	0.0	138	0.99	192	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	10.0	0	5
10/12/2018	11:15	7.6	7.6	7.6	85	5.2	10	NW	0.83	16	NW	4.6	7.6	4.6	5.5	30.27	0.0	0.0	100	0.72	141	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	8.9	0	5
10/12/2018	11:20	7.6	7.6	7.6	84	5.0	10	NNW	0.83	14	WNW	4.6	7.5	4.5	5.4	30.28	0.0	0.0	103	0.74	172	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
10/12/2018	11:25	7.6	7.6	7.5	84	5.0	8	NW	0.67	18	NW	5.2	7.5	5.1	5.9	30.28	0.0	0.0	95	0.68	135	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	8.3	0	5
10/12/2018	11:30	7.6	7.6	7.5	84	5.0	9	WNW	0.75	16	WNW	4.8	7.5	4.8	6.1	30.28	0.0	0.0	122	0.87	132	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	9.4	0	5
10/12/2018	11:35	7.6	7.6	7.6	84	5.1	9	NW	0.75	15	NNW	4.9	7.6	4.8	5.6	30.28	0.0	0.0	90	0.65	123	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	9.4	0	5
10/12/2018	11:40	7.7	7.7	7.6	83	5.0	10	NW	0.83	18	WNW	4.7	7.6	4.6	5.6	30.28	0.0	0.0	107	0.77	128	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	9.4	0	5
10/12/2018	11:45	7.7	7.7	7.7	83	5.0	12	NW	1.00	18	NW	4.2	7.6	4.1	5.2	30.28	0.0	0.0	117	0.84	135	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	9.4	0	5
10/12/2018	11:50	7.7	7.7	7.7	82	4.8	10	NW	0.83	19	NW	4.7	7.6	4.6	5.3	30.28	0.0	0.0	92	0.66	114	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	8.3	0	5
10/12/2018	11:55	7.6	7.7	7.6	82	4.7	8	NW	0.67	13	NW	5.2	7.6	5.2	5.4	30.28	0.0	0.0	69	0.49	72	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	8.3	0	5
10/12/2018	12:00	7.6	7.6	7.6	82	4.7	10	NW	0.83	16	NW	4.6	7.5	4.5	4.9	30.27	0.0	0.0	77	0.55	88	0	0.00	0.00	0.04	0.00	0.08	51	5.6	5.0	6.1	8.3	0	5
10/12/2018	12:05	7.6	7.6	7.6	83	4.9	9	NW	0.75	15	NNW	4.9	7.6	4.8	5.7	30.28	0.0	0.0	98	0.70	114	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	8.3	0	5
10/12/2018	12:10	7.7	7.7	7.6	83	5.0	7	NW	0.58	15	WNW	5.7	7.6	5.6	6.9	30.27	0.0	0.0	117	0.84	141	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	8.3	0	5
10/12/2018	12:15	7.9	7.9	7.7	82	5.0	8	WNW	0.67	12	NW	5.6	7.8	5.5	7.7	30.27	0.0	0.0	164	1.18	188	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	9.4	0	5
10/12/2018	12:20	7.9	7.9	7.9	81	4.8	8	NW	0.67	13	NW	5.6	7.8	5.4	7.3	30.28	0.0	0.0	148	1.06	183	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	9.4	0	5
10/12/2018	12:25	7.8	7.9	7.8	81	4.8	8	NW	0.67	11	WNW	5.5	7.7	5.4	5.8	30.27	0.0	0.0	73	0.52	84	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	8.3	0	5
10/12/2018	12:30	7.7	7.8	7.7	82	4.8	7	NNW	0.58	12	NW	5.7	7.7	5.7	6.2	30.27	0.0	0.0	80	0.57	113	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	8.3	0	5
10/12/2018	12:35	7.7	7.7	7.7	83	5.0	8	NNW	0.67	14	NW	5.3	7.6	5.3	5.6	30.27	0.0	0.0	71	0.51	74	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	8.3	0	5
10/12/2018	12:40	7.6	7.7	7.6	83	4.9	7	NNW	0.58	11	NNE	5.6	7.6	5.5	5.7	30.28	0.0	0.0	64	0.46	69	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	8.3	0	5
10/12/2018	12:45	7.6	7.6	7.6	83	4.9	5	N	0.42	11	NNW	6.2	7.6	6.1	6.2	30.28	0.0	0.0	62	0.44	63	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	7.8	0	5
10/12/2018	12:50	7.6	7.6	7.6	83	4.9	8	NNW	0.67	13	NNW	5.2	7.5	5.1	5.4	30.28	0.0	0.0	68	0.49	74	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	7.8	0	5
10/12/2018	12:55	7.6	7.6	7.5	83	4.9	7	NNW	0.58	13	NNW	5.5	7.5	5.4	5.8	30.28	0.0	0.0	73	0.52	77	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	7.8	0	5
10/12/2018	13:00	7.5	7.6	7.5	83	4.8	7	NNW	0.58	12	NNW	5.4	7.4	5.4	5.4	30.28	0.0	0.0	59	0.42	69	0	0.00	0.00	0.04	0.00	0.05	51	5.6	6.1	6.1	7.8	0	5
10/12/2018	13:05	7.5	7.5	7.4	84	5.0	5	N	0.42	10	NNE	6.1	7.4	6.0	6.3	30.28	0.0	0.0	71	0.51	121	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	7.8	0	5
10/12/2018	13:10	7.6	7.6	7.5	84	5.0	6	NNW	0.50	10	N	5.8	7.5	5.7	6.5	30.28	0.0	0.0	90	0.65	148	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.1	6.1	7.8	0	5
10/12/2018	13:15	7.6	7.6	7.6	83	4.9	7	NNW	0.58	11	N	5.6	7.6	5.5	5.4	30.28	0.0	0.0	54	0.39	58	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.1	6.1	7.8	0	5
10/12/2018	13:20	7.6	7.6	7.6	83	4.9	7	NW	0.58	11	NW	5.5	7.5	5.4	5.3	30.28	0.0	0.0	50	0.36	58	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.1	6.1	7.8	0	5
10/12/2018	13:25	7.6	7.6	7.6	83	4.9	7	NNW	0.58	13	NNW	5.5	7.5	5.4	5.4	30.29	0.0	0.0	54	0.39	62	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.1	6.1	7.8	0	5
10/12/2018	13:30	7.6	7.6	7.6	83	4.9	7	NW	0.58	10	NW	5.6	7.6	5.5	5.6	30.29	0.0	0.0	61	0.44	65	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.1	6.1	7.8	0	5
10/12/2018	13:35	7.7	7.7	7.6	82	4.8	7	WNW	0.58	11	WNW	5.7	7.6	5.6	6.1	30.29	0.0	0.0	74	0.53	77	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.1	6.1	8.3	0	5
10/12/2018	13:40	7.7	7.7	7.7	82	4.8	6	NW	0.50	13	NW	6.0	7.7	5.9	6.2	30.29	0.0	0.0	65	0.47	79	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.1	6.1	7.8	0	5
10/12/2018	13:45	7.6	7.7	7.6	83	4.9	4	NNW	0.33	7	NW	6.6	7.6	6.6	6.0	30.29	0.0	0.0	34	0.24	40	0	0.00	0.00	0.04	0.00	0.00	50	5.6	5.6	6.1	7.8	0	5
10/12/2018	13:50	7.4	7.6	7.4	83	4.7	6	NNW	0.50	11	NNW	5.7	7.4	5.6	5.2	30.29	0.0	0.0	38	0.27	40	0	0.00	0.00	0.04	0.00	0.00	50	5.6	5.6	6.1	7.8	0	5
10/12/2018	13:55	7.4	7.5	7.4	84	4.9	6	NW	0.50	11	NNW	5.7	7.4	5.6	5.3	30.29	0.0	0.0	43	0.31	47	0	0.00	0.00	0.04	0.00	0.00	50	5.6	5.6	6.1	7.8	0	5
10/12/2018	14:00	7.5	7.6	7.4	83	4.8	7	NNW	0.58	11	NNW	5.4	7.4	5.4	5.1	30.29	0.0	0.0	41	0.29	44	0	0.00	0.00	0.04	0.00	0.05	50	5.6	6.1	6.1	7.8	0	5
10/12/2018	14:05	7.6	7.6	7.5	84	5.0	4	NW	0.33	9	NW	6.6	7.5	6.5	5.8	30.29	0.0	0.0	27	0.19	35	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.1	6.1	7.8	0	5
10/12/2018	14:10	7.6	7.6	7.6	84	5.0	5	NNW	0.42	10	N	6.1	7.5	6.1	5.1	30.29	0.0	0.0	16	0.11	19	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.8	0	5
10/12/2018	14:15	7.6	7.6	7.6	84	5.0	4	N	0.33	10	N	6.6	7.5	6.5	5.7	30.29	0.0	0.0	23	0.16	30	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.8	0	5
10/12/2018	14:20	7.5	7.6	7.5	84	5.0	4	NW	0.33	8	NW	6.5	7.4	6.4	5.9	30.29	0.0	0.0	32	0.23	32	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.8	0	5
10/12/2018	14:25	7.6	7.6	7.5	85	5.2	5	NW	0.42	9	NW	6.1	7.6	6.1	5.6	30.29	0.0	0.0	32	0.23	33	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.8	0	5
10/12/2018	14:30	7.6	7.6	7.6	85	5.2	5	NW	0.42	9	NW	6.1	7.6	6.1	5.4	30.29	0.0	0.0	25	0.18	28	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.8	0	5
10/12/2018	14:35	7.6	7.6	7.6	84	5.1	6	NW	0.50	11	NNW	5.8	7.6	5.8	4.7	30.29	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.8	0	5
10/12/2018	14:40	7.6	7.6	7.6	85	5.2	7	NW	0.58	9	NW	5.6	7.6	5.6	4.5	30.29	0.0	0.0	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.8	0	5
10/12/2018	14:45	7.6	7.6	7.6	85	5.2	6	NW	0.50	9	NW	5.8	7.6	5.8	4.9	30.29	0.0	0.0	19	0.14	25	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.8	0	5
10/12/2018	14:50	7.6	7.7	7.6	85	5.2	5	NW	0.42	9	NW	6.2	7.6	6.2	4.8	30.29	0.0	0.0	26	0.19	26	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
10/12/2018	14:55	7.6	7.6	7.6	85	5.2	3	NNW	0.25	7	NNW	7.1	7.6	7.1	5.7	30.30	0.0	0.0	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.1	7.8	0	5
10/12/2018	15:00	7.6	7.6	7.6	85	5.2	4	NNW	0.33	8	NNW	6.6	7.6	6.6	5.2	30.30	0.0	0.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.03	51	6.1	6.1	6.1	7.2	0	5
10/12/2018	15:05	7.6	7.6	7.6	85	5.2	3	NNW	0.25	7	NNW	7.1	7.6	7.1	5.6	30.29	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.1	7.2	0	5
10/12/2018	15:10	7.6	7.6	7.6	85	5.2	3	NNW	0.25	5	NNW	7.1	7.6	7.1	5.6	30.30	0.0	0.0	14	0.10	14	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	7.2	0	5
10/12/2018	15:15	7.6	7.6	7.6	86	5.4	2	NNW	0.17	4	NNW	7.6	7.6	7.6	6.1	30.30	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	7.2	0	5
10/12/2018	15:20	7.6	7.6	7.6	86	5.4	1	NNW	0.08	3	NNW	7.6	7.6	7.6	6.0	30.30	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	7.2	0	5
10/12/2018	15:25	7.6	7.6	7.6	86	5.4	3	NNW	0.25	4	NNW	7.1	7.6	7.1	5.5	30.30	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	7.2	0	5
10/12/2018	15:30	7.6	7.6	7.6	86	5.4	1	NNW	0.08	4	NNW	7.6	7.6	7.6	5.9	30.30	0.0	0.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	7.2	0	5
10/12/2018	15:35	7.6	7.6	7.5	86	5.4	2	NNW	0.17	4	NNW	7.6	7.6	7.6	5.9	30.30	0.0	0.0	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	7.2	0	5
10/12/2018	15:40	7.5	7.6	7.5	86	5.3	2	NW	0.17	6	NW	7.5	7.5	7.5	5.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	7.2	0	5
10/12/2018	15:45	7.5	7.5	7.4	86	5.3	2	NW	0.17	4	NW	7.5	7.5	7.5	5.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	7.2	0	5
10/12/2018	15:50	7.4	7.4	7.4	86	5.3	1	NW	0.08	3	NW	7.4	7.4	7.4	5.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.0	6.1	6.7	0	5
10/12/2018	15:55	7.4	7.4	7.4	86	5.2	2	NW	0.17	4	NW	7.4	7.4	7.4	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	7.2	0	5
10/12/2018	16:00	7.4	7.4	7.4	87	5.4	2	NW	0.17	3	NW	7.4	7.4	7.4	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.1	6.7	0	5
10/12/2018	16:05	7.3	7.4	7.3	87	5.3	2	NW	0.17	4	NW	7.3	7.3	7.3	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:10	7.3	7.4	7.3	87	5.3	2	NW	0.17	3	NW	7.3	7.3	7.3	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:15	7.3	7.3	7.3	87	5.3	0	NW	0.00	1	NW	7.3	7.3	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:20	7.3	7.3	7.3	87	5.3	1	NW	0.08	3	NW	7.3	7.3	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:25	7.3	7.3	7.3	87	5.3	2	NW	0.17	4	NW	7.3	7.3	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:30	7.2	7.3	7.2	87	5.2	0	NW	0.00	3	NW	7.2	7.2	7.2	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:35	7.2	7.2	7.2	87	5.2	1	NW	0.08	3	NW	7.2	7.2	7.2	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:40	7.2	7.2	7.2	87	5.1	0	NW	0.00	1	NW	7.2	7.2	7.2	5.5	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:45	7.2	7.2	7.2	87	5.1	0	NW	0.00	2	NW	7.2	7.2	7.2	5.5	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:50	7.1	7.2	7.1	87	5.1	0	---	0.00	0	---	7.1	7.1	7.1	5.4	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.7	0	5
10/12/2018	16:55	7.1	7.1	7.1	87	5.0	3	NW	0.25	7	NW	6.5	7.1	6.5	4.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.7	0	5
10/12/2018	17:00	6.9	7.1	6.9	87	4.9	4	S	0.33	8	S	5.8	6.9	5.8	4.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.1	0	5
10/12/2018	17:05	6.9	6.9	6.9	87	4.9	4	S	0.33	7	S	5.8	6.9	5.8	4.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.1	0	5
10/12/2018	17:10	6.8	6.9	6.8	87	4.8	3	S	0.25	8	S	6.2	6.8	6.2	4.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.1	0	5
10/12/2018	17:15	6.7	6.8	6.7	88	4.9	4	S	0.33	7	S	5.6	6.7	5.6	3.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.1	0	5
10/12/2018	17:20	6.6	6.7	6.6	87	4.6	3	S	0.25	5	S	6.0	6.6	6.0	4.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.1	0	5
10/12/2018	17:25	6.6	6.6	6.6	87	4.5	3	S	0.25	5	S	5.9	6.6	5.9	4.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	6.1	0	5
10/12/2018	17:30	6.5	6.6	6.4	88	4.7	2	S	0.17	5	S	6.5	6.5	6.5	4.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.1	5.6	0	5
10/12/2018	17:35	6.4	6.4	6.4	88	4.5	2	S	0.17	4	S	6.4	6.4	6.4	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	4.4	6.1	5.6	0	5
10/12/2018	17:40	6.3	6.4	6.3	88	4.5	1	S	0.08	5	S	6.3	6.3	6.3	4.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	4.4	6.1	5.6	0	5
10/12/2018	17:45	6.3	6.3	6.3	88	4.4	3	S	0.25	7	S	5.6	6.3	5.6	3.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	4.4	6.1	5.6	0	5
10/12/2018	17:50	6.2	6.3	6.2	88	4.3	1	S	0.08	3	S	6.2	6.2	6.2	4.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	4.4	6.1	5.6	0	5
10/12/2018	17:55	6.1	6.2	6.1	88	4.3	2	S	0.17	4	S	6.1	6.1	6.1	4.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	4.4	6.1	5.6	0	5
10/12/2018	18:00	6.1	6.1	6.1	88	4.2	1	S	0.08	3	S	6.1	6.1	6.1	4.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	4.4	6.1	5.6	0	5
10/12/2018	18:05	6.0	6.1	6.0	88	4.2	1	S	0.08	4	S	6.0	6.0	6.0	4.3	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	4.4	6.1	5.0	0	5
10/12/2018	18:10	5.9	6.0	5.9	88	4.1	2	S	0.17	4	S	5.9	5.8	5.8	4.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	4.4	6.1	5.0	0	5
10/12/2018	18:15	5.8	5.9	5.8	88	4.0	2	S	0.17	3	S	5.8	5.8	5.8	4.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	18:20	5.7	5.8	5.7	88	3.9	1	S	0.08	4	S	5.7	5.7	5.7	3.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
10/12/2018	18:25	5.7	5.7	5.6	88	3.8	1	S	0.08	3	S	5.7	5.6	5.6	3.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	18:30	5.6	5.7	5.6	88	3.7	0	S	0.00	2	S	5.6	5.5	5.5	3.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	18:35	5.4	5.6	5.4	88	3.6	1	S	0.08	4	S	5.4	5.4	5.4	3.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	18:40	5.4	5.4	5.4	89	3.7	0	---	0.00	0	---	5.4	5.3	5.3	3.6	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	18:45	5.4	5.4	5.4	88	3.6	0	---	0.00	0	---	5.4	5.3	5.3	3.6	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	18:50	5.3	5.4	5.3	89	3.7	1	S	0.08	2	S	5.3	5.3	5.3	3.6	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	18:55	5.3	5.3	5.3	89	3.6	1	S	0.08	3	S	5.3	5.2	5.2	3.5	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	19:00	5.3	5.3	5.3	89	3.6	0	S	0.00	2	S	5.3	5.2	5.2	3.5	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	19:05	5.2	5.3	5.2	89	3.6	0	S	0.00	2	S	5.2	5.2	5.2	3.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	19:10	5.2	5.2	5.2	89	3.5	1	S	0.08	4	S	5.2	5.1	5.1	3.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	19:15	5.2	5.2	5.2	89	3.5	1	S	0.08	3	S	5.2	5.1	5.1	3.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	19:20	5.2	5.2	5.2	89	3.5	1	S	0.08	3	S	5.2	5.1	5.1	3.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	19:25	5.2	5.2	5.2	89	3.5	0	---	0.00	0	---	5.2	5.1	5.1	3.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	19:30	5.2	5.2	5.1	89	3.5	0	---	0.00	0	---	5.2	5.1	5.1	3.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	19:35	5.1	5.2	5.1	89	3.4	0	---	0.00	0	---	5.1	5.1	5.1	3.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	19:40	5.1	5.1	5.1	89	3.4	0	---	0.00	0	---	5.1	5.1	5.1	3.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	19:45	5.1	5.1	5.1	90	3.6	0	---	0.00	0	---	5.1	5.1	5.1	3.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	19:50	5.1	5.1	5.1	90	3.6	0	---	0.00	0	---	5.1	5.1	5.1	3.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	19:55	5.1	5.1	5.1	90	3.6	0	---	0.00	0	---	5.1	5.0	5.0	3.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	20:00	5.1	5.1	5.1	90	3.6	0	---	0.00	0	---	5.1	5.0	5.0	3.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	20:05	5.1	5.1	5.1	90	3.6	0	---	0.00	0	---	5.1	5.0	5.0	3.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	20:10	5.0	5.1	5.0	90	3.5	1	S	0.08	2	S	5.0	4.9	4.9	3.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	20:15	5.0	5.0	5.0	90	3.5	0	S	0.00	2	S	5.0	4.9	4.9	3.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	20:20	5.0	5.0	5.0	90	3.5	0	S	0.00	1	S	5.0	4.9	4.9	3.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	5.0	0	5
10/12/2018	20:25	4.9	5.0	4.9	90	3.4	0	---	0.00	0	---	4.9	4.9	4.9	3.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	20:30	4.9	4.9	4.9	90	3.4	0	---	0.00	0	---	4.9	4.9	4.9	3.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	20:35	4.9	4.9	4.9	90	3.4	0	---	0.00	0	---	4.9	4.9	4.9	3.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	20:40	4.9	4.9	4.9	90	3.4	0	---	0.00	0	---	4.9	4.9	4.9	3.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	20:45	4.9	4.9	4.9	90	3.4	0	---	0.00	0	---	4.9	4.9	4.9	3.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	20:50	4.9	4.9	4.9	90	3.4	0	---	0.00	0	---	4.9	4.9	4.9	3.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	20:55	4.9	4.9	4.9	90	3.4	0	---	0.00	0	---	4.9	4.8	4.8	3.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:00	4.9	4.9	4.9	90	3.4	0	---	0.00	0	---	4.9	4.8	4.8	3.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:05	4.9	4.9	4.9	90	3.4	0	S	0.00	2	S	4.9	4.8	4.8	3.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:10	4.9	4.9	4.8	90	3.4	0	S	0.00	3	S	4.9	4.8	4.8	3.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:15	4.8	4.9	4.8	90	3.3	1	S	0.08	3	S	4.8	4.8	4.8	3.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:20	4.8	4.9	4.8	90	3.3	2	S	0.17	3	S	4.8	4.8	4.7	2.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:25	4.8	4.8	4.8	90	3.3	1	S	0.08	3	S	4.8	4.8	4.8	3.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:30	4.8	4.8	4.8	90	3.3	0	---	0.00	0	---	4.8	4.8	4.8	3.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:35	4.8	4.8	4.8	91	3.5	0	S	0.00	1	S	4.8	4.8	4.8	3.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:40	4.8	4.8	4.8	90	3.3	0	S	0.00	2	S	4.8	4.8	4.8	3.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:45	4.8	4.8	4.8	90	3.3	1	S	0.08	3	S	4.8	4.7	4.7	2.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	21:50	4.8	4.8	4.8	90	3.3	1	S	0.08	3	S	4.8	4.7	4.7	2.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
10/12/2018	21:55	4.8	4.8	4.8	91	3.4	2	S	0.17	3	S	4.7	4.7	4.7	2.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	22:00	4.8	4.8	4.8	91	3.4	2	S	0.17	3	S	4.7	4.7	4.7	2.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	22:05	4.8	4.8	4.8	91	3.4	2	S	0.17	4	S	4.7	4.7	4.7	2.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	6.1	3.9	6.1	4.4	0	5
10/12/2018	22:10	4.8	4.8	4.8	91	3.4	1	S	0.08	3	S	4.8	4.7	4.7	3.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
10/12/2018	22:15	4.8	4.8	4.8	91	3.4	0	S	0.00	1	S	4.8	4.7	4.7	3.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
10/12/2018	22:20	4.8	4.8	4.8	91	3.4	0	---	0.00	0	---	4.8	4.7	4.7	3.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
10/12/2018	22:25	4.8	4.8	4.8	91	3.4	2	S	0.17	4	S	4.7	4.7	4.7	2.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
10/12/2018	22:30	4.8	4.8	4.8	91	3.4	3	S	0.25	4	S	3.9	4.7	3.9	2.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
10/12/2018	22:35	4.8	4.8	4.8	91	3.4	3	S	0.25	4	S	3.9	4.7	3.9	2.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	0	5
10/12/2018	22:40	4.8	4.8	4.8	91	3.4	3	S	0.25	4	S	3.9	4.7	3.9	2.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	0	5
10/12/2018	22:45	4.8	4.8	4.7	91	3.4	3	S	0.25	4	S	3.9	4.7	3.9	2.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
10/12/2018	22:50	4.7	4.8	4.7	91	3.4	3	S	0.25	4	S	3.9	4.7	3.8	2.1	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
10/12/2018	22:55	4.7	4.8	4.7	92	3.5	3	S	0.25	5	S	3.9	4.7	3.9	2.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
10/12/2018	23:00	4.8	4.8	4.7	92	3.6	3	S	0.25	4	S	3.9	4.8	3.9	2.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
10/12/2018	23:05	4.8	4.8	4.8	92	3.6	3	S	0.25	4	S	3.9	4.8	3.9	2.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:10	4.8	4.8	4.8	92	3.6	3	S	0.25	4	S	4.0	4.8	4.0	2.3	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:15	4.8	4.8	4.8	92	3.6	2	S	0.17	3	S	4.8	4.8	4.8	3.1	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:20	4.9	4.9	4.8	92	3.7	1	S	0.08	3	S	4.9	4.9	4.9	3.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:25	4.9	4.9	4.9	92	3.7	2	S	0.17	4	S	4.8	4.9	4.8	3.1	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:30	4.9	4.9	4.9	93	3.9	2	S	0.17	4	S	4.9	4.9	4.9	3.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:35	5.0	5.0	4.9	92	3.8	3	S	0.25	4	S	4.2	5.0	4.2	2.4	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:40	5.0	5.1	5.0	93	4.0	3	S	0.25	5	S	4.2	5.0	4.2	2.4	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:45	5.1	5.1	5.0	93	4.0	2	S	0.17	4	S	5.0	5.1	5.0	3.3	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:50	5.1	5.1	5.1	93	4.1	2	S	0.17	3	S	5.1	5.1	5.1	3.3	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
10/12/2018	23:55	5.1	5.1	5.1	93	4.1	2	S	0.17	3	S	5.1	5.1	5.1	3.3	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
11/12/2018	00:00	5.1	5.1	5.1	93	4.1	2	S	0.17	3	S	5.1	5.1	5.1	3.3	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
11/12/2018	00:05	5.1	5.1	5.1	93	4.1	2	S	0.17	4	S	5.1	5.1	5.1	3.3	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
11/12/2018	00:10	5.1	5.1	5.1	93	4.1	2	S	0.17	4	S	5.1	5.1	5.1	3.3	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
11/12/2018	00:15	5.1	5.1	5.1	93	4.1	3	S	0.25	5	S	4.3	5.1	4.3	2.6	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
11/12/2018	00:20	5.1	5.1	5.1	93	4.1	3	S	0.25	5	S	4.3	5.1	4.3	2.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
11/12/2018	00:25	5.1	5.1	5.1	93	4.1	3	S	0.25	4	S	4.3	5.1	4.3	2.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	0	5
11/12/2018	00:30	5.1	5.1	5.1	93	4.1	3	S	0.25	4	S	4.3	5.1	4.3	2.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
11/12/2018	00:35	5.1	5.1	5.1	93	4.0	3	S	0.25	4	S	4.2	5.1	4.2	2.5	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	1	5
11/12/2018	00:40	5.1	5.1	5.1	93	4.0	3	S	0.25	4	S	4.2	5.1	4.2	2.5	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	1	5
11/12/2018	00:45	5.1	5.1	5.0	93	4.0	3	S	0.25	5	S	4.2	5.1	4.2	2.5	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	3.9	1	5
11/12/2018	00:50	5.0	5.1	5.0	94	4.1	3	S	0.25	4	S	4.2	5.1	4.2	2.5	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	2.8	6.1	3.9	2	5
11/12/2018	00:55	4.9	5.0	4.9	94	4.1	3	S	0.25	4	S	4.1	5.0	4.2	2.4	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	2.8	6.1	3.9	2	5
11/12/2018	01:00	4.9	4.9	4.9	93	3.9	4	S	0.33	5	S	3.5	4.9	3.5	1.8	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	3	5
11/12/2018	01:05	4.8	4.9	4.8	93	3.8	4	S	0.33	7	S	3.4	4.8	3.4	1.7	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	3	5
11/12/2018	01:10	4.8	4.9	4.8	94	3.9	3	S	0.25	5	S	4.0	4.9	4.1	2.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	3	5
11/12/2018	01:15	4.8	4.8	4.8	94	3.9	3	S	0.25	4	S	3.9	4.8	4.0	2.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	4	5
11/12/2018	01:20	4.8	4.8	4.8	94	3.9	3	S	0.25	5	S	3.9	4.8	4.0	2.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	4	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
11/12/2018	01:25	4.7	4.8	4.7	94	3.8	3	S	0.25	4	S	3.9	4.8	3.9	2.2	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	5	5
11/12/2018	01:30	4.7	4.7	4.7	94	3.8	3	S	0.25	4	S	3.8	4.7	3.8	2.1	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	6	5
11/12/2018	01:35	4.7	4.7	4.7	94	3.8	2	S	0.17	4	S	4.6	4.7	4.6	2.9	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	8	5
11/12/2018	01:40	4.6	4.7	4.6	94	3.7	3	S	0.25	5	S	3.7	4.7	3.8	2.1	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	9	5
11/12/2018	01:45	4.6	4.7	4.6	94	3.7	3	S	0.25	5	S	3.7	4.6	3.7	2.0	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	10	5
11/12/2018	01:50	4.6	4.6	4.6	94	3.7	4	S	0.33	7	S	3.1	4.6	3.1	1.4	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	11	5
11/12/2018	01:55	4.6	4.6	4.6	94	3.7	3	S	0.25	4	S	3.7	4.6	3.7	2.0	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	11	5
11/12/2018	02:00	4.5	4.6	4.5	94	3.6	2	S	0.17	4	S	4.4	4.6	4.4	2.7	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	12	5
11/12/2018	02:05	4.6	4.6	4.5	94	3.7	2	S	0.17	3	S	4.4	4.6	4.5	2.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	02:10	4.6	4.6	4.5	95	3.8	2	S	0.17	4	S	4.4	4.6	4.5	2.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	02:15	4.6	4.6	4.5	95	3.8	3	S	0.25	4	S	3.7	4.6	3.7	2.0	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	02:20	4.6	4.6	4.6	95	3.8	2	S	0.17	4	S	4.4	4.6	4.5	2.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	02:25	4.6	4.6	4.6	95	3.9	1	S	0.08	2	S	4.6	4.7	4.7	2.9	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	02:30	4.6	4.6	4.6	95	3.9	2	S	0.17	3	S	4.5	4.7	4.6	2.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	02:35	4.6	4.6	4.6	95	3.9	3	S	0.25	4	S	3.7	4.7	3.8	2.1	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	02:40	4.6	4.6	4.6	95	3.9	2	S	0.17	3	S	4.5	4.7	4.6	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	02:45	4.6	4.6	4.6	95	3.9	2	S	0.17	3	S	4.5	4.7	4.6	2.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	02:50	4.6	4.6	4.6	95	3.9	2	S	0.17	3	S	4.5	4.7	4.6	2.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	02:55	4.6	4.6	4.6	95	3.9	3	S	0.25	4	S	3.7	4.7	3.8	2.1	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	03:00	4.6	4.6	4.6	95	3.9	2	S	0.17	3	S	4.5	4.7	4.6	2.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	03:05	4.6	4.6	4.6	95	3.9	2	S	0.17	4	S	4.5	4.7	4.6	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	03:10	4.6	4.6	4.6	95	3.9	3	S	0.25	4	S	3.7	4.7	3.8	2.1	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	03:15	4.6	4.6	4.6	95	3.9	3	S	0.25	4	S	3.7	4.7	3.8	2.1	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	03:20	4.6	4.6	4.6	95	3.9	2	S	0.17	3	S	4.5	4.7	4.6	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	03:25	4.6	4.6	4.6	95	3.9	3	S	0.25	4	S	3.7	4.7	3.8	2.1	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	03:30	4.6	4.6	4.6	95	3.9	3	S	0.25	4	S	3.7	4.7	3.8	2.1	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	14	5
11/12/2018	03:35	4.6	4.6	4.6	95	3.9	2	S	0.17	4	S	4.5	4.7	4.6	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	14	5
11/12/2018	03:40	4.6	4.6	4.6	95	3.9	2	S	0.17	3	S	4.5	4.7	4.6	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	14	5
11/12/2018	03:45	4.6	4.6	4.6	95	3.8	0	S	0.00	2	S	4.6	4.6	4.6	2.9	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	14	5
11/12/2018	03:50	4.6	4.6	4.6	95	3.8	0	---	0.00	0	---	4.6	4.6	4.6	2.9	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	14	5
11/12/2018	03:55	4.6	4.6	4.6	95	3.8	2	S	0.17	3	S	4.4	4.6	4.5	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	14	5
11/12/2018	04:00	4.5	4.6	4.5	95	3.8	2	S	0.17	4	S	4.4	4.6	4.4	2.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	14	5
11/12/2018	04:05	4.4	4.5	4.4	96	3.9	3	S	0.25	5	S	3.6	4.5	3.6	1.9	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	04:10	4.4	4.5	4.4	96	3.9	4	S	0.33	5	S	2.9	4.5	3.0	1.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	15	5
11/12/2018	04:15	4.4	4.4	4.4	96	3.9	4	S	0.33	5	S	2.9	4.5	3.0	1.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	15	5
11/12/2018	04:20	4.4	4.4	4.4	96	3.9	4	S	0.33	5	S	2.9	4.5	3.0	1.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	04:25	4.4	4.4	4.4	96	3.9	2	S	0.17	4	S	4.3	4.5	4.4	2.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	04:30	4.4	4.4	4.4	96	3.9	1	S	0.08	2	S	4.4	4.5	4.5	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	15	5
11/12/2018	04:35	4.4	4.4	4.4	96	3.9	1	S	0.08	2	S	4.4	4.5	4.5	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	04:40	4.4	4.4	4.4	96	3.9	0	---	0.00	0	---	4.4	4.5	4.5	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	04:45	4.4	4.4	4.4	96	3.9	1	S	0.08	3	S	4.4	4.5	4.5	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	04:50	4.4	4.4	4.4	96	3.9	3	S	0.25	4	S	3.6	4.5	3.6	1.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
11/12/2018	04:55	4.4	4.4	4.4	96	3.8	2	S	0.17	4	S	4.3	4.4	4.3	2.6	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	05:00	4.4	4.4	4.4	96	3.8	2	S	0.17	3	S	4.3	4.4	4.3	2.6	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	15	5
11/12/2018	05:05	4.4	4.4	4.4	96	3.9	3	S	0.25	4	S	3.6	4.5	3.6	1.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:10	4.5	4.5	4.4	96	3.9	3	S	0.25	4	S	3.6	4.6	3.7	1.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:15	4.5	4.5	4.5	96	3.9	1	S	0.08	3	S	4.5	4.6	4.6	2.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:20	4.6	4.6	4.5	96	4.0	0	---	0.00	0	---	4.6	4.6	4.6	2.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:25	4.6	4.6	4.6	96	4.0	0	---	0.00	0	---	4.6	4.6	4.6	2.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:30	4.6	4.6	4.6	96	4.0	0	---	0.00	0	---	4.6	4.6	4.6	2.9	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:35	4.6	4.6	4.6	96	4.0	0	---	0.00	0	---	4.6	4.6	4.6	2.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:40	4.6	4.6	4.6	96	4.0	0	---	0.00	0	---	4.6	4.6	4.6	2.9	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:45	4.6	4.6	4.6	96	4.0	0	---	0.00	0	---	4.6	4.6	4.6	2.9	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:50	4.5	4.6	4.5	96	3.9	1	S	0.08	3	S	4.5	4.6	4.6	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	15	5
11/12/2018	05:55	4.5	4.5	4.5	96	3.9	1	S	0.08	2	S	4.5	4.6	4.6	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	15	5
11/12/2018	06:00	4.4	4.5	4.4	96	3.9	0	---	0.00	0	---	4.4	4.5	4.5	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	15	5
11/12/2018	06:05	4.5	4.5	4.4	96	3.9	0	---	0.00	0	---	4.5	4.6	4.6	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	15	5
11/12/2018	06:10	4.5	4.5	4.4	96	3.9	0	---	0.00	0	---	4.5	4.6	4.6	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	15	5
11/12/2018	06:15	4.5	4.5	4.5	96	3.9	0	---	0.00	0	---	4.5	4.6	4.6	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	15	5
11/12/2018	06:20	4.5	4.5	4.5	96	3.9	0	---	0.00	0	---	4.5	4.6	4.6	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	15	5
11/12/2018	06:25	4.5	4.5	4.5	96	3.9	1	S	0.08	3	S	4.5	4.6	4.6	2.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	15	5
11/12/2018	06:30	4.5	4.5	4.5	96	3.9	1	S	0.08	3	S	4.5	4.6	4.6	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	15	5
11/12/2018	06:35	4.5	4.6	4.5	96	3.9	2	S	0.17	7	S	4.4	4.6	4.4	2.7	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	15	5
11/12/2018	06:40	4.6	4.6	4.5	96	4.0	3	S	0.25	5	S	3.7	4.7	3.8	2.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	15	5
11/12/2018	06:45	4.6	4.7	4.6	96	4.0	3	S	0.25	7	S	3.7	4.7	3.8	2.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	15	5
11/12/2018	06:50	4.7	4.7	4.7	97	4.2	3	S	0.25	8	S	3.8	4.7	3.8	2.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	15	5
11/12/2018	06:55	4.7	4.7	4.7	97	4.3	3	S	0.25	7	S	3.9	4.8	3.9	2.2	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	15	5
11/12/2018	07:00	4.7	4.7	4.7	97	4.3	5	S	0.42	9	S	2.8	4.8	2.9	1.2	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	15	5
11/12/2018	07:05	4.7	4.7	4.7	97	4.3	5	S	0.42	8	S	2.8	4.8	2.9	1.2	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	15	5
11/12/2018	07:10	4.7	4.7	4.7	97	4.3	4	S	0.33	8	S	3.3	4.8	3.3	1.6	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	15	5
11/12/2018	07:15	4.7	4.7	4.7	97	4.2	3	S	0.25	5	S	3.8	4.7	3.8	2.1	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	07:20	4.7	4.7	4.7	97	4.2	4	S	0.33	6	S	3.2	4.7	3.3	1.6	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	07:25	4.7	4.7	4.7	97	4.2	4	S	0.33	8	S	3.2	4.7	3.3	1.6	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	14	5
11/12/2018	07:30	4.7	4.7	4.6	97	4.2	4	S	0.33	8	S	3.2	4.7	3.3	1.6	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	14	5
11/12/2018	07:35	4.7	4.7	4.6	97	4.2	3	S	0.25	6	S	3.8	4.7	3.8	2.1	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	14	5
11/12/2018	07:40	4.6	4.7	4.6	97	4.2	3	S	0.25	6	S	3.7	4.7	3.8	2.1	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	14	5
11/12/2018	07:45	4.6	4.6	4.6	97	4.2	3	S	0.25	6	S	3.7	4.7	3.8	2.1	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	15	5
11/12/2018	07:50	4.6	4.6	4.6	97	4.2	2	S	0.17	5	S	4.5	4.7	4.6	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	15	5
11/12/2018	07:55	4.6	4.6	4.6	97	4.1	2	S	0.17	4	S	4.4	4.6	4.5	2.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	15	5
11/12/2018	08:00	4.6	4.6	4.6	97	4.1	1	S	0.08	2	S	4.6	4.6	4.6	2.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	15	5
11/12/2018	08:05	4.6	4.6	4.6	97	4.1	2	S	0.17	4	S	4.4	4.6	4.5	2.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	08:10	4.6	4.6	4.5	97	4.1	3	S	0.25	6	S	3.7	4.6	3.7	2.0	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	08:15	4.5	4.6	4.5	97	4.1	3	S	0.25	6	S	3.6	4.6	3.7	1.9	30.23	0.0	0.0	1	0.01	5	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	14	5
11/12/2018	08:20	4.6	4.6	4.5	97	4.1	4	S	0.33	6	S	3.1	4.6	3.1	1.4	30.23	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
11/12/2018	08:25	4.6	4.6	4.5	97	4.1	3	S	0.25	5	S	3.7	4.6	3.7	2.1	30.23	0.0	0.0	8	0.06	9	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	14	5
11/12/2018	08:30	4.6	4.6	4.6	97	4.1	2	S	0.17	4	S	4.4	4.6	4.5	2.9	30.23	0.0	0.0	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	14	5
11/12/2018	08:35	4.6	4.6	4.6	97	4.1	2	S	0.17	4	S	4.4	4.6	4.5	2.9	30.23	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	4.4	14	5
11/12/2018	08:40	4.6	4.6	4.6	97	4.1	2	S	0.17	4	S	4.4	4.6	4.5	2.9	30.23	0.0	0.0	12	0.09	14	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	4.4	13	5
11/12/2018	08:45	4.6	4.6	4.6	97	4.2	0	S	0.00	2	S	4.6	4.7	4.7	3.2	30.23	0.0	0.0	15	0.11	16	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	08:50	4.6	4.6	4.6	97	4.2	0	S	0.00	2	S	4.6	4.7	4.7	3.2	30.23	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	08:55	4.6	4.6	4.6	97	4.2	0	S	0.00	2	S	4.6	4.7	4.7	3.2	30.23	0.0	0.0	21	0.15	21	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	5.0	13	5
11/12/2018	09:00	4.6	4.6	4.6	97	4.2	0	S	0.00	1	S	4.6	4.7	4.7	3.3	30.24	0.0	0.0	25	0.18	28	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	5.0	13	5
11/12/2018	09:05	4.6	4.6	4.6	97	4.2	2	S	0.17	3	S	4.5	4.7	4.6	3.3	30.23	0.0	0.0	32	0.23	35	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.0	13	5
11/12/2018	09:10	4.7	4.7	4.6	97	4.2	2	S	0.17	3	S	4.6	4.7	4.6	3.3	30.23	0.0	0.0	36	0.26	37	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.0	13	5
11/12/2018	09:15	4.8	4.8	4.7	97	4.3	2	S	0.17	4	S	4.7	4.8	4.8	3.6	30.23	0.0	0.0	41	0.29	42	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.0	13	5
11/12/2018	09:20	4.9	4.9	4.8	97	4.5	3	S	0.25	4	S	4.1	4.9	4.1	3.0	30.23	0.0	0.0	44	0.32	44	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.6	12	5
11/12/2018	09:25	4.9	4.9	4.9	97	4.5	2	S	0.17	4	S	4.9	5.0	4.9	3.8	30.23	0.0	0.0	43	0.31	44	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.6	12	5
11/12/2018	09:30	4.9	4.9	4.9	96	4.3	3	S	0.25	5	S	4.1	4.9	4.1	2.9	30.23	0.0	0.0	40	0.29	42	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.0	11	5
11/12/2018	09:35	4.9	4.9	4.9	96	4.3	3	S	0.25	4	S	4.1	4.9	4.1	2.8	30.24	0.0	0.0	36	0.26	37	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.0	11	5
11/12/2018	09:40	4.9	4.9	4.8	96	4.3	2	S	0.17	4	S	4.8	4.9	4.9	3.6	30.23	0.0	0.0	36	0.26	37	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.0	10	5
11/12/2018	09:45	4.8	4.9	4.8	96	4.2	3	S	0.25	6	S	4.0	4.9	4.1	2.8	30.24	0.0	0.0	37	0.27	37	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	5.0	10	5
11/12/2018	09:50	4.9	4.9	4.8	96	4.3	4	S	0.33	6	S	3.5	4.9	3.6	3.2	30.24	0.0	0.0	39	0.28	42	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.0	10	5
11/12/2018	09:55	4.9	4.9	4.9	96	4.3	4	S	0.33	9	S	3.5	4.9	3.6	3.3	30.23	0.0	0.0	46	0.33	47	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.0	9	5
11/12/2018	10:00	4.9	4.9	4.9	97	4.5	5	S	0.42	8	S	3.1	5.0	3.1	2.9	30.23	0.0	0.0	48	0.34	49	0	0.00	0.00	0.05	0.00	0.03	52	5.6	3.9	6.1	5.6	8	5
11/12/2018	10:05	5.1	5.1	4.9	97	4.6	4	S	0.33	6	S	3.7	5.1	3.7	3.6	30.24	0.0	0.0	46	0.33	46	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.6	7	5
11/12/2018	10:10	5.1	5.1	5.1	96	4.5	4	S	0.33	6	S	3.7	5.2	3.8	3.6	30.24	0.0	0.0	48	0.34	58	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.6	6	5
11/12/2018	10:15	5.2	5.2	5.1	96	4.6	4	S	0.33	6	S	3.8	5.3	3.9	4.5	30.23	0.0	0.0	81	0.58	86	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.6	4	5
11/12/2018	10:20	5.3	5.3	5.2	96	4.7	4	S	0.33	6	S	3.9	5.3	4.0	4.9	30.23	0.0	0.0	94	0.67	100	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	5.6	4	5
11/12/2018	10:25	5.3	5.3	5.3	96	4.7	4	S	0.33	6	S	4.0	5.4	4.1	4.9	30.23	0.0	0.0	94	0.67	100	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	6.1	3	5
11/12/2018	10:30	5.4	5.4	5.3	96	4.9	3	S	0.25	6	S	4.7	5.5	4.7	4.9	30.23	0.0	0.0	64	0.46	72	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	6.1	3	5
11/12/2018	10:35	5.5	5.6	5.4	96	4.9	4	S	0.33	8	S	4.2	5.6	4.2	4.5	30.23	0.0	0.0	66	0.47	84	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	6.1	3	5
11/12/2018	10:40	5.7	5.7	5.6	95	4.9	4	S	0.33	8	S	4.3	5.7	4.4	4.3	30.23	0.0	0.0	51	0.37	58	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	6.1	2	5
11/12/2018	10:45	5.8	5.8	5.7	95	5.0	3	S	0.25	8	S	5.1	5.8	5.1	6.5	30.23	0.0	0.0	117	0.84	120	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	6.1	2	5
11/12/2018	10:50	5.8	5.8	5.8	95	5.1	4	S	0.33	8	S	4.6	5.9	4.6	5.8	30.23	0.0	0.0	110	0.79	116	0	0.00	0.00	0.04	0.00	0.00	52	5.6	3.9	6.1	6.1	1	5
11/12/2018	10:55	5.9	5.9	5.8	95	5.1	3	S	0.25	6	S	5.2	5.9	5.2	5.6	30.22	0.0	0.0	68	0.49	88	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	6.7	1	5
11/12/2018	11:00	6.1	6.1	5.9	95	5.3	4	S	0.33	8	S	4.8	6.1	4.9	4.9	30.22	0.0	0.0	57	0.41	60	0	0.00	0.00	0.04	0.00	0.03	52	5.6	4.4	6.1	6.7	0	5
11/12/2018	11:05	6.2	6.2	6.1	94	5.3	4	S	0.33	8	S	4.9	6.2	5.0	5.1	30.22	0.0	0.0	58	0.42	67	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	7.2	0	5
11/12/2018	11:10	6.3	6.3	6.2	94	5.4	4	S	0.33	6	S	5.1	6.3	5.1	5.8	30.22	0.0	0.0	87	0.62	118	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	7.8	0	5
11/12/2018	11:15	6.4	6.4	6.3	94	5.5	2	S	0.17	4	S	6.4	6.4	6.4	7.5	30.22	0.0	0.0	102	0.73	121	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	8.9	0	5
11/12/2018	11:20	6.4	6.4	6.4	94	5.5	3	S	0.25	5	S	5.8	6.5	5.9	7.2	30.21	0.0	0.0	114	0.82	130	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	8.3	0	5
11/12/2018	11:25	6.5	6.6	6.4	93	5.4	3	S	0.25	6	S	5.9	6.6	5.9	7.1	30.21	0.0	0.0	105	0.75	113	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	8.3	0	5
11/12/2018	11:30	6.6	6.6	6.5	93	5.5	3	S	0.25	5	S	5.9	6.6	6.0	6.8	30.21	0.0	0.0	93	0.67	102	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	8.3	0	5
11/12/2018	11:35	6.7	6.7	6.6	93	5.6	3	S	0.25	6	S	6.1	6.8	6.2	6.8	30.21	0.0	0.0	82	0.59	100	0	0.00	0.00	0.04	0.00	0.00	52	5.6	4.4	6.1	8.3	0	5
11/12/2018	11:40	6.7	6.7	6.7	93	5.7	3	S	0.25	7	S	6.1	6.8	6.2	6.9	30.21	0.0	0.0	87	0.62	104	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	6.1	8.3	0	5
11/12/2018	11:45	6.7	6.7	6.7	93	5.7	3	S	0.25	5	S	6.1	6.8	6.2	7.3	30.21	0.0	0.0	104	0.75	114	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	6.1	8.3	0	5
11/12/2018	11:50	6.7	6.7	6.7	93	5.7	3	S	0.25	5	S	6.1	6.8	6.2	7.4	30.21	0.0	0.0	107	0.77	114	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	6.1	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
11/12/2018	11:55	6.7	6.8	6.7	93	5.7	3	S	0.25	7	S	6.1	6.8	6.2	6.9	30.21	0.0	0.0	83	0.59	105	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	6.1	8.3	0	5
11/12/2018	12:00	6.8	6.8	6.8	92	5.6	4	S	0.33	9	S	5.6	6.8	5.7	6.8	30.21	0.0	0.0	105	0.75	114	0	0.00	0.00	0.04	0.00	0.05	52	5.6	5.0	6.1	7.8	0	5
11/12/2018	12:05	6.7	6.8	6.7	93	5.7	5	S	0.42	9	S	5.2	6.8	5.3	6.5	30.21	0.0	0.0	109	0.78	118	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	6.1	7.8	0	5
11/12/2018	12:10	6.7	6.8	6.7	92	5.5	6	S	0.50	10	SSW	4.8	6.8	4.8	5.3	30.21	0.0	0.0	75	0.54	100	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	6.1	7.2	0	5
11/12/2018	12:15	6.6	6.7	6.6	93	5.6	6	SSW	0.50	11	SSW	4.7	6.7	4.8	5.0	30.20	0.0	0.0	65	0.47	74	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	6.1	6.7	0	5
11/12/2018	12:20	6.4	6.6	6.4	93	5.3	6	SW	0.50	10	SW	4.4	6.4	4.4	4.8	30.20	0.0	0.0	73	0.52	83	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	6.1	6.7	0	5
11/12/2018	12:25	6.1	6.3	6.1	93	5.1	8	SW	0.67	12	SW	3.4	6.2	3.5	4.2	30.20	0.0	0.0	90	0.65	98	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.6	6.1	6.7	0	5
11/12/2018	12:30	6.0	6.1	6.0	94	5.1	6	SW	0.50	9	SW	3.9	6.1	4.0	4.4	30.20	0.0	0.0	73	0.52	79	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.6	6.1	6.1	0	5
11/12/2018	12:35	6.1	6.1	6.0	95	5.3	5	SW	0.42	9	SW	4.4	6.1	4.4	4.7	30.20	0.0	0.0	69	0.49	74	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	6.7	0	5
11/12/2018	12:40	6.1	6.1	6.1	95	5.4	5	SW	0.42	8	SW	4.4	6.2	4.5	4.9	30.20	0.0	0.0	73	0.52	79	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	6.7	0	5
11/12/2018	12:45	6.2	6.2	6.1	95	5.4	6	SW	0.50	9	SW	4.1	6.2	4.2	4.6	30.20	0.0	0.0	75	0.54	81	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	6.7	0	5
11/12/2018	12:50	6.3	6.3	6.2	95	5.5	4	SW	0.33	7	SW	5.1	6.3	5.1	6.1	30.20	0.0	0.0	97	0.70	107	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.1	6.1	7.2	0	5
11/12/2018	12:55	6.3	6.3	6.3	95	5.6	6	SW	0.50	11	SW	4.3	6.4	4.4	5.4	30.20	0.0	0.0	98	0.70	116	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.7	6.1	7.2	0	5
11/12/2018	13:00	6.3	6.4	6.3	95	5.6	6	SW	0.50	10	SW	4.3	6.4	4.4	4.8	30.19	0.0	0.0	74	0.53	83	0	0.00	0.00	0.04	0.00	0.05	51	5.6	6.7	6.1	6.7	0	5
11/12/2018	13:05	6.4	6.4	6.3	95	5.6	6	SW	0.50	10	SW	4.4	6.5	4.5	5.0	30.19	0.0	0.0	76	0.54	84	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.7	6.1	6.7	0	5
11/12/2018	13:10	6.4	6.4	6.3	95	5.6	3	SW	0.25	8	SW	5.7	6.5	5.8	6.3	30.19	0.0	0.0	74	0.53	79	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.7	6.1	6.7	0	5
11/12/2018	13:15	6.4	6.4	6.4	95	5.7	3	SW	0.25	7	SW	5.8	6.6	5.9	6.4	30.19	0.0	0.0	73	0.52	77	0	0.00	0.00	0.04	0.00	0.00	51	5.6	6.7	6.1	7.2	0	5
11/12/2018	13:20	6.5	6.5	6.5	95	5.8	4	SW	0.33	8	SW	5.3	6.6	5.4	5.8	30.19	0.0	0.0	69	0.49	74	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.7	6.1	7.2	0	5
11/12/2018	13:25	6.6	6.6	6.5	95	5.8	4	SW	0.33	7	SW	5.4	6.7	5.5	6.1	30.19	0.0	0.0	78	0.56	90	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.7	6.1	7.2	0	5
11/12/2018	13:30	6.6	6.6	6.6	95	5.8	4	SW	0.33	8	SW	5.4	6.7	5.5	6.0	30.19	0.0	0.0	75	0.54	77	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.7	6.1	7.2	0	5
11/12/2018	13:35	6.6	6.6	6.6	95	5.9	2	SW	0.17	6	SW	6.6	6.7	6.7	7.2	30.19	0.0	0.0	74	0.53	79	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.7	6.1	7.2	0	5
11/12/2018	13:40	6.6	6.6	6.6	95	5.9	3	SW	0.25	6	SW	6.0	6.7	6.1	6.4	30.18	0.0	0.0	67	0.48	76	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.7	6.1	7.2	0	5
11/12/2018	13:45	6.6	6.6	6.6	95	5.8	2	SW	0.17	5	SW	6.6	6.7	6.7	6.7	30.18	0.0	0.0	55	0.39	63	0	0.00	0.00	0.04	0.00	0.00	50	5.6	6.1	6.1	6.7	0	5
11/12/2018	13:50	6.5	6.6	6.5	95	5.8	2	SW	0.17	5	SW	6.5	6.6	6.6	6.4	30.18	0.0	0.0	47	0.34	53	0	0.00	0.00	0.04	0.00	0.00	50	5.6	5.6	6.1	6.7	0	5
11/12/2018	13:55	6.5	6.5	6.5	95	5.8	2	SW	0.17	4	SW	6.5	6.6	6.6	6.4	30.18	0.0	0.0	47	0.34	53	0	0.00	0.00	0.04	0.00	0.00	50	5.6	5.6	6.1	6.7	0	5
11/12/2018	14:00	6.4	6.5	6.4	95	5.7	1	SW	0.08	2	SW	6.4	6.6	6.6	6.3	30.18	0.0	0.0	44	0.32	47	0	0.00	0.00	0.04	0.00	0.03	50	5.6	5.0	6.1	6.7	0	5
11/12/2018	14:05	6.4	6.4	6.4	95	5.7	0	SW	0.00	2	SW	6.4	6.6	6.6	6.2	30.18	0.0	0.0	39	0.28	42	0	0.00	0.00	0.04	0.00	0.00	50	5.6	5.0	6.1	6.7	0	5
11/12/2018	14:10	6.3	6.4	6.3	95	5.6	0	---	0.00	0	---	6.3	6.4	6.4	6.0	30.17	0.0	0.0	37	0.27	37	0	0.00	0.00	0.04	0.00	0.00	50	5.6	4.4	6.1	6.1	0	5
11/12/2018	14:15	6.3	6.3	6.3	95	5.6	0	SW	0.00	2	SW	6.3	6.4	6.4	6.1	30.17	0.0	0.0	38	0.27	44	0	0.00	0.00	0.04	0.00	0.00	50	5.6	4.4	6.1	6.1	1	5
11/12/2018	14:20	6.3	6.3	6.2	96	5.7	1	SW	0.08	4	SW	6.3	6.4	6.4	6.2	30.17	0.0	0.0	43	0.31	44	0	0.00	0.00	0.04	0.00	0.00	50	5.6	4.4	6.1	6.1	1	5
11/12/2018	14:25	6.3	6.3	6.2	96	5.7	1	SW	0.08	3	SW	6.3	6.4	6.4	6.1	30.17	0.0	0.0	39	0.28	42	0	0.00	0.00	0.04	0.00	0.00	50	5.6	4.4	6.1	6.1	1	5
11/12/2018	14:30	6.2	6.3	6.2	96	5.6	3	SW	0.25	4	SW	5.6	6.3	5.7	5.3	30.17	0.0	0.0	39	0.28	40	0	0.00	0.00	0.04	0.00	0.00	50	5.6	4.4	6.1	6.1	1	5
11/12/2018	14:35	6.2	6.2	6.2	96	5.6	3	SW	0.25	5	SW	5.5	6.2	5.6	5.2	30.17	0.0	0.0	39	0.28	40	0	0.00	0.00	0.04	0.00	0.00	51	5.6	5.0	6.1	6.1	1	5
11/12/2018	14:40	6.1	6.2	6.1	95	5.3	2	SW	0.17	4	SW	6.1	6.1	6.1	5.6	30.17	0.0	0.0	34	0.24	37	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	1	5
11/12/2018	14:45	5.9	6.1	5.9	95	5.2	1	SW	0.08	3	SW	5.9	6.0	6.0	4.7	30.17	0.0	0.0	30	0.22	32	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	6.1	1	5
11/12/2018	14:50	5.9	5.9	5.9	96	5.3	2	SW	0.17	5	SW	5.9	5.9	5.9	4.6	30.17	0.0	0.0	26	0.19	26	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	5.6	1	5
11/12/2018	14:55	5.8	5.9	5.8	96	5.2	2	SW	0.17	4	SW	5.8	5.9	5.9	4.5	30.17	0.0	0.0	25	0.18	25	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	5.6	1	5
11/12/2018	15:00	5.8	5.8	5.8	96	5.2	2	SW	0.17	5	SW	5.8	5.8	5.8	4.4	30.17	0.0	0.0	22	0.16	23	0	0.00	0.00	0.04	0.00	0.03	51	5.6	4.4	6.1	5.6	2	5
11/12/2018	15:05	5.8	5.8	5.8	96	5.2	3	SW	0.25	7	SW	5.1	5.8	5.1	3.6	30.16	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	5.6	2	5
11/12/2018	15:10	5.8	5.8	5.8	96	5.2	4	SW	0.33	6	SW	4.5	5.8	4.6	3.0	30.17	0.0	0.0	15	0.11	16	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	5.6	2	5
11/12/2018	15:15	5.7	5.8	5.7	95	5.0	4	SW	0.33	7	SW	4.4	5.8	4.5	2.9	30.16	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	51	5.6	4.4	6.1	5.6	2	5
11/12/2018	15:20	5.7	5.7	5.7	96	5.1	3	SSW	0.25	6	SSW	4.9	5.7	4.9	3.3	30.16	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	5.6	2	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
11/12/2018	15:25	5.6	5.7	5.6	96	5.0	4	SSW	0.33	8	SSW	4.3	5.7	4.3	2.7	30.16	0.0	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	5.0	2	5
11/12/2018	15:30	5.6	5.7	5.6	95	4.9	4	SSW	0.33	8	SSW	4.3	5.7	4.3	2.7	30.16	0.0	0.0	7	0.05	9	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	5.0	2	5
11/12/2018	15:35	5.6	5.6	5.6	96	5.0	3	SSW	0.25	8	SSW	4.8	5.6	4.8	3.2	30.16	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	51	5.6	3.9	6.1	5.0	2	5
11/12/2018	15:40	5.5	5.6	5.5	96	4.9	3	SSW	0.25	11	SSW	4.7	5.6	4.8	3.1	30.16	0.0	0.0	2	0.01	5	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	2	5
11/12/2018	15:45	5.4	5.5	5.4	96	4.9	4	SSW	0.33	9	SSW	4.1	5.5	4.2	2.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	2	5
11/12/2018	15:50	5.4	5.4	5.4	96	4.8	3	SSW	0.25	7	SSW	4.6	5.4	4.7	2.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	3	5
11/12/2018	15:55	5.4	5.4	5.4	95	4.7	4	SSW	0.33	9	SSW	4.1	5.4	4.1	2.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	3	5
11/12/2018	16:00	5.3	5.4	5.3	96	4.7	3	SSW	0.25	7	SSW	4.6	5.4	4.6	2.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	5.0	3	5
11/12/2018	16:05	5.3	5.3	5.3	96	4.7	3	SSW	0.25	7	SSW	4.5	5.3	4.6	2.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	3	5
11/12/2018	16:10	5.2	5.3	5.2	96	4.6	3	SSW	0.25	6	SSW	4.4	5.3	4.4	2.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	3	5
11/12/2018	16:15	5.2	5.2	5.2	96	4.6	2	SSW	0.17	7	SSW	5.2	5.3	5.2	3.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	4	5
11/12/2018	16:20	5.2	5.2	5.2	96	4.6	1	SSW	0.08	4	SSW	5.2	5.2	5.2	3.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	4	5
11/12/2018	16:25	5.1	5.2	5.1	96	4.5	0	SSW	0.00	3	SSW	5.1	5.2	5.2	3.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	4	5
11/12/2018	16:30	5.1	5.1	5.1	96	4.5	1	SSW	0.08	4	SSW	5.1	5.1	5.1	3.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	5	5
11/12/2018	16:35	5.1	5.1	5.0	96	4.5	3	SSW	0.25	7	SSW	4.2	5.1	4.3	2.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	6	5
11/12/2018	16:40	5.0	5.1	5.0	96	4.4	2	SSW	0.17	5	SSW	4.9	5.1	5.0	3.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	7	5
11/12/2018	16:45	4.9	5.0	4.9	96	4.4	1	SSW	0.08	5	SSW	4.9	5.0	5.0	3.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	9	5
11/12/2018	16:50	4.9	4.9	4.9	96	4.4	1	SSW	0.08	6	SSW	4.9	5.0	5.0	3.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	10	5
11/12/2018	16:55	4.9	4.9	4.9	96	4.3	2	SSW	0.17	6	SSW	4.8	4.9	4.9	3.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	10	5
11/12/2018	17:00	4.9	4.9	4.9	96	4.3	2	SSW	0.17	5	SSW	4.8	4.9	4.9	3.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	11	5
11/12/2018	17:05	4.9	4.9	4.9	96	4.3	2	SSW	0.17	6	SSW	4.8	4.9	4.9	3.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	11	5
11/12/2018	17:10	4.8	4.9	4.8	96	4.2	2	SSW	0.17	5	SSW	4.8	4.9	4.8	3.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	17:15	4.8	4.8	4.8	96	4.2	3	SSW	0.25	5	SSW	4.0	4.9	4.1	2.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	12	5
11/12/2018	17:20	4.8	4.9	4.8	96	4.2	4	SSW	0.33	7	SSW	3.4	4.9	3.4	1.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	17:25	4.9	4.9	4.8	96	4.3	3	SSW	0.25	6	SSW	4.1	4.9	4.1	2.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	17:30	4.9	4.9	4.9	96	4.3	3	SSW	0.25	9	SSW	4.1	4.9	4.1	2.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	5.0	13	5
11/12/2018	17:35	4.9	4.9	4.9	96	4.3	3	SSW	0.25	7	SSW	4.1	4.9	4.1	2.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	13	5
11/12/2018	17:40	4.9	4.9	4.9	96	4.3	3	SSW	0.25	9	SSW	4.1	4.9	4.1	2.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	13	5
11/12/2018	17:45	4.9	4.9	4.9	96	4.4	3	SSW	0.25	7	SSW	4.1	5.0	4.2	2.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	5.0	14	5
11/12/2018	17:50	4.9	4.9	4.9	96	4.4	3	SSW	0.25	6	SSW	4.1	5.0	4.2	2.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	14	5
11/12/2018	17:55	4.9	4.9	4.9	96	4.4	3	SSW	0.25	7	SSW	4.1	5.0	4.2	2.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	14	5
11/12/2018	18:00	4.9	4.9	4.9	96	4.3	2	SSW	0.17	5	SSW	4.8	4.9	4.9	3.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	14	5
11/12/2018	18:05	4.9	4.9	4.9	96	4.3	4	SSW	0.33	10	SSW	3.5	4.9	3.6	1.8	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	14	5
11/12/2018	18:10	4.9	4.9	4.9	96	4.3	2	SSW	0.17	5	SSW	4.8	4.9	4.9	3.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	15	5
11/12/2018	18:15	4.8	4.9	4.8	96	4.2	1	SSW	0.08	5	SSW	4.8	4.9	4.9	3.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	2.8	6.1	4.4	15	5
11/12/2018	18:20	4.8	4.9	4.8	96	4.2	1	SSW	0.08	4	SSW	4.8	4.9	4.9	3.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	2.8	6.1	4.4	15	5
11/12/2018	18:25	4.8	4.8	4.8	97	4.3	4	SSW	0.33	10	SSW	3.3	4.8	3.4	1.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.3	6.1	4.4	15	5
11/12/2018	18:30	4.8	4.8	4.8	97	4.3	6	SSW	0.50	13	SSW	2.5	4.8	2.6	0.8	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	18:35	4.8	4.8	4.8	97	4.3	6	SSW	0.50	11	SSW	2.5	4.8	2.6	0.8	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	18:40	4.8	4.8	4.8	97	4.3	5	SSW	0.42	11	SSW	2.9	4.8	2.9	1.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	4.4	15	5
11/12/2018	18:45	4.8	4.8	4.8	97	4.3	4	SSW	0.33	10	SSW	3.3	4.8	3.4	1.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	4.4	15	5
11/12/2018	18:50	4.7	4.8	4.7	97	4.3	3	SSW	0.25	10	SSW	3.9	4.8	3.9	2.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
11/12/2018	18:55	4.7	4.7	4.7	97	4.2	3	SSW	0.25	6	SSW	3.8	4.7	3.8	2.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	19:00	4.6	4.7	4.6	97	4.2	3	SSW	0.25	10	SSW	3.7	4.7	3.8	2.0	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	19:05	4.6	4.6	4.6	97	4.1	2	SSW	0.17	6	SSW	4.4	4.6	4.5	2.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	19:10	4.6	4.6	4.6	97	4.1	2	SSW	0.17	6	SSW	4.4	4.6	4.5	2.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	19:15	4.5	4.6	4.5	97	4.1	4	SSW	0.33	7	SSW	3.0	4.6	3.1	1.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	19:20	4.4	4.5	4.4	97	4.0	3	SSW	0.25	10	SSW	3.6	4.5	3.6	1.8	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	15	5
11/12/2018	19:25	4.4	4.4	4.4	97	4.0	1	SSW	0.08	6	SSW	4.4	4.5	4.5	2.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.9	15	5
11/12/2018	19:30	4.4	4.4	4.4	97	4.0	2	SSW	0.17	4	SSW	4.3	4.4	4.3	2.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	19:35	4.3	4.3	4.3	97	3.8	2	SSW	0.17	6	SSW	4.1	4.3	4.2	2.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	19:40	4.2	4.3	4.2	97	3.7	0	SSW	0.00	2	SSW	4.2	4.2	4.2	2.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	19:45	4.2	4.2	4.2	97	3.7	3	SSW	0.25	7	SSW	3.2	4.2	3.3	1.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	19:50	4.1	4.2	4.1	97	3.6	1	SSW	0.08	6	SSW	4.1	4.1	4.1	2.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	19:55	4.1	4.1	4.0	97	3.6	2	SSW	0.17	7	SSW	3.9	4.1	3.9	2.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	20:00	3.9	4.0	3.9	97	3.5	2	SSW	0.17	7	SSW	3.8	4.0	3.8	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	1.7	6.1	3.3	15	5
11/12/2018	20:05	3.9	3.9	3.9	97	3.5	1	SSW	0.08	4	SSW	3.9	3.9	3.9	2.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	1.7	6.1	3.3	15	5
11/12/2018	20:10	3.8	3.9	3.8	97	3.4	2	SSW	0.17	5	SSW	3.7	3.9	3.7	1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	1.7	6.1	2.8	15	5
11/12/2018	20:15	3.8	3.8	3.8	97	3.3	4	SSW	0.33	6	SSW	2.2	3.8	2.2	0.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	20:20	3.7	3.8	3.7	97	3.3	3	SSW	0.25	7	SSW	2.7	3.8	2.8	0.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	20:25	3.7	3.7	3.7	97	3.3	4	SSW	0.33	7	SSW	2.1	3.8	2.2	0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	20:30	3.7	3.7	3.7	97	3.3	4	SSW	0.33	9	SSW	2.1	3.8	2.2	0.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	20:35	3.7	3.7	3.7	97	3.3	2	SSW	0.17	5	SSW	3.5	3.8	3.6	1.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.2	6.1	3.3	15	5
11/12/2018	20:40	3.7	3.7	3.7	97	3.2	3	SSW	0.25	7	SSW	2.7	3.7	2.7	0.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.2	6.1	3.3	15	5
11/12/2018	20:45	3.7	3.7	3.6	97	3.2	3	SSW	0.25	6	SSW	2.7	3.7	2.7	0.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.2	6.1	3.3	15	5
11/12/2018	20:50	3.6	3.7	3.6	97	3.2	3	SSW	0.25	7	SSW	2.6	3.7	2.7	0.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.2	6.1	2.8	15	5
11/12/2018	20:55	3.6	3.6	3.6	97	3.1	2	SSW	0.17	7	SSW	3.3	3.6	3.4	1.6	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.2	6.1	3.3	15	5
11/12/2018	21:00	3.5	3.6	3.5	97	3.1	4	SSW	0.33	7	SSW	1.9	3.6	1.9	0.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.2	6.1	2.8	15	5
11/12/2018	21:05	3.4	3.5	3.4	97	3.0	4	SSW	0.33	9	SSW	1.8	3.4	1.8	-0.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:10	3.4	3.4	3.4	97	3.0	4	SSW	0.33	9	SSW	1.7	3.4	1.7	-0.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:15	3.4	3.4	3.4	97	3.0	4	SSW	0.33	10	SSW	1.7	3.4	1.7	-0.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:20	3.3	3.4	3.3	97	2.9	3	SSW	0.25	7	SSW	2.3	3.3	2.3	0.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:25	3.3	3.3	3.3	97	2.8	3	SSW	0.25	8	SSW	2.2	3.3	2.2	0.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:30	3.3	3.3	3.3	97	2.8	4	SSW	0.33	8	SSW	1.6	3.3	1.6	-0.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:35	3.3	3.3	3.3	97	2.8	5	SSW	0.42	8	SSW	1.1	3.3	1.1	-0.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:40	3.3	3.3	3.3	97	2.8	5	S	0.42	10	S	1.1	3.3	1.1	-0.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:45	3.3	3.3	3.3	97	2.8	5	S	0.42	10	S	1.1	3.3	1.1	-0.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:50	3.3	3.3	3.3	97	2.8	4	S	0.33	8	S	1.6	3.3	1.6	-0.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	2.8	15	5
11/12/2018	21:55	3.3	3.3	3.3	97	2.8	4	S	0.33	9	S	1.6	3.3	1.6	-0.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	2.8	15	5
11/12/2018	22:00	3.3	3.3	3.3	97	2.8	3	S	0.25	7	S	2.2	3.3	2.2	0.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	2.8	15	5
11/12/2018	22:05	3.3	3.3	3.3	98	3.0	2	S	0.17	6	S	3.1	3.3	3.1	1.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	15	5
11/12/2018	22:10	3.3	3.3	3.3	98	3.0	2	S	0.17	7	S	3.1	3.3	3.1	1.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	22:15	3.3	3.3	3.3	98	3.0	1	S	0.08	6	S	3.3	3.4	3.4	1.6	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	22:20	3.3	3.3	3.3	98	3.0	1	S	0.08	3	S	3.3	3.4	3.4	1.6	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
11/12/2018	22:25	3.3	3.4	3.3	98	3.0	1	S	0.08	3	S	3.3	3.4	3.4	1.6	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	22:30	3.4	3.4	3.3	98	3.1	0	S	0.00	1	S	3.4	3.4	3.4	1.6	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	22:35	3.4	3.4	3.4	98	3.1	0	S	0.00	2	S	3.4	3.4	3.4	1.6	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	22:40	3.4	3.4	3.4	98	3.1	1	S	0.08	2	S	3.4	3.4	3.4	1.6	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	22:45	3.4	3.4	3.4	98	3.2	0	S	0.00	2	S	3.4	3.5	3.5	1.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	22:50	3.4	3.4	3.4	98	3.2	0	S	0.00	2	S	3.4	3.5	3.5	1.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	22:55	3.5	3.5	3.4	98	3.2	0	S	0.00	2	S	3.5	3.6	3.6	1.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	23:00	3.6	3.6	3.5	98	3.3	2	S	0.17	4	S	3.3	3.6	3.4	1.6	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	23:05	3.6	3.6	3.6	98	3.3	0	S	0.00	2	S	3.6	3.6	3.6	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	23:10	3.6	3.6	3.6	98	3.3	1	S	0.08	4	S	3.6	3.7	3.7	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	23:15	3.7	3.7	3.6	98	3.4	1	S	0.08	4	S	3.7	3.7	3.7	1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	23:20	3.7	3.7	3.7	98	3.4	1	S	0.08	4	S	3.7	3.7	3.7	1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
11/12/2018	23:25	3.7	3.7	3.7	98	3.4	2	S	0.17	7	S	3.5	3.8	3.6	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
11/12/2018	23:30	3.8	3.8	3.7	98	3.5	1	S	0.08	4	S	3.8	3.8	3.8	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
11/12/2018	23:35	3.8	3.8	3.7	98	3.5	2	S	0.17	6	S	3.6	3.8	3.6	1.8	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
11/12/2018	23:40	3.8	3.8	3.8	98	3.5	0	S	0.00	2	S	3.8	3.8	3.8	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
11/12/2018	23:45	3.8	3.8	3.8	98	3.5	2	S	0.17	8	S	3.7	3.9	3.7	1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
11/12/2018	23:50	3.8	3.8	3.8	98	3.5	3	S	0.25	6	S	2.8	3.9	2.9	1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
11/12/2018	23:55	3.9	3.9	3.8	98	3.6	2	S	0.17	7	S	3.7	3.9	3.8	2.0	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:00	3.8	3.9	3.8	98	3.5	2	S	0.17	6	S	3.7	3.9	3.7	1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:05	3.9	3.9	3.8	98	3.6	2	S	0.17	4	S	3.7	3.9	3.8	2.0	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:10	3.9	3.9	3.9	98	3.6	1	S	0.08	3	S	3.9	3.9	3.9	2.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:15	3.9	3.9	3.9	98	3.6	3	S	0.25	7	S	2.9	3.9	2.9	1.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:20	3.9	3.9	3.9	98	3.7	2	S	0.17	4	S	3.8	4.0	3.8	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:25	3.9	3.9	3.9	98	3.7	2	S	0.17	8	S	3.8	4.0	3.8	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:30	3.9	3.9	3.9	98	3.7	1	S	0.08	4	S	3.9	4.0	4.0	2.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:35	3.9	3.9	3.9	98	3.7	1	S	0.08	7	S	3.9	4.0	4.0	2.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:40	3.9	4.0	3.9	98	3.7	2	S	0.17	4	S	3.8	4.0	3.8	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:45	4.0	4.0	3.9	98	3.7	1	S	0.08	4	S	4.0	4.1	4.1	2.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	00:50	4.0	4.0	4.0	98	3.7	2	S	0.17	4	S	3.8	4.1	3.9	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.9	6.1	3.9	15	5
12/12/2018	00:55	4.1	4.1	4.0	98	3.8	2	S	0.17	6	S	3.9	4.1	3.9	2.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.9	6.1	3.9	15	5
12/12/2018	01:00	4.1	4.1	4.1	98	3.8	3	S	0.25	7	S	3.1	4.1	3.2	1.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.9	6.1	3.9	15	5
12/12/2018	01:05	4.1	4.1	4.1	98	3.8	1	S	0.08	4	S	4.1	4.1	4.1	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.9	6.1	3.9	15	5
12/12/2018	01:10	4.1	4.1	4.1	98	3.8	1	S	0.08	4	S	4.1	4.2	4.2	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.9	6.1	3.9	15	5
12/12/2018	01:15	4.1	4.1	4.1	98	3.8	1	S	0.08	2	S	4.1	4.2	4.2	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.9	6.1	3.9	15	5
12/12/2018	01:20	4.1	4.1	4.1	98	3.8	1	S	0.08	3	S	4.1	4.2	4.2	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.9	6.1	3.9	15	5
12/12/2018	01:25	4.1	4.2	4.1	98	3.8	2	S	0.17	4	S	3.9	4.2	4.0	1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	01:30	4.2	4.2	4.1	98	3.9	2	S	0.17	4	S	4.0	4.2	4.1	2.0	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	01:35	4.1	4.2	4.1	98	3.8	2	S	0.17	4	S	3.9	4.2	4.0	1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	01:40	4.1	4.1	4.1	98	3.8	2	S	0.17	4	S	3.9	4.2	4.0	1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	01:45	4.1	4.1	4.1	98	3.8	1	S	0.08	3	S	4.1	4.2	4.2	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	01:50	4.1	4.1	4.1	98	3.8	0	S	0.00	2	S	4.1	4.1	4.1	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
12/12/2018	01:55	4.1	4.1	4.0	98	3.8	0	S	0.00	2	S	4.1	4.1	4.1	2.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:00	4.0	4.1	4.0	98	3.7	0	---	0.00	0	---	4.0	4.1	4.1	2.0	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:05	4.0	4.0	4.0	98	3.7	1	S	0.08	4	S	4.0	4.1	4.1	2.0	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:10	4.0	4.0	4.0	98	3.7	2	S	0.17	6	S	3.8	4.1	3.9	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:15	4.0	4.0	4.0	98	3.7	2	S	0.17	4	S	3.8	4.1	3.9	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:20	4.0	4.0	3.9	98	3.7	2	S	0.17	7	S	3.8	4.1	3.9	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:25	3.9	4.0	3.9	98	3.7	2	S	0.17	4	S	3.8	4.0	3.8	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:30	3.9	3.9	3.9	98	3.7	2	S	0.17	4	S	3.8	4.0	3.8	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:35	3.9	3.9	3.9	98	3.7	2	S	0.17	4	S	3.8	4.0	3.8	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:40	3.9	3.9	3.9	98	3.7	2	S	0.17	6	S	3.8	4.0	3.8	1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:45	3.9	3.9	3.9	98	3.7	4	S	0.33	7	S	2.4	4.0	2.4	0.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:50	3.9	3.9	3.9	98	3.7	3	S	0.25	7	S	2.9	4.0	3.0	0.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	02:55	3.9	3.9	3.9	98	3.7	5	S	0.42	8	S	1.9	4.0	1.9	-0.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	03:00	3.9	3.9	3.9	98	3.6	2	S	0.17	6	S	3.7	3.9	3.8	1.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	03:05	3.9	3.9	3.9	98	3.6	3	S	0.25	7	S	2.9	3.9	2.9	0.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.9	15	5
12/12/2018	03:10	3.9	3.9	3.8	98	3.6	2	S	0.17	7	S	3.7	3.9	3.8	1.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	03:15	3.8	3.9	3.8	98	3.5	4	S	0.33	7	S	2.2	3.9	2.3	0.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	03:20	3.8	3.8	3.8	98	3.5	2	S	0.17	8	S	3.6	3.8	3.6	1.6	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	03:25	3.7	3.8	3.7	98	3.4	5	S	0.42	9	S	1.6	3.8	1.7	-0.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	03:30	3.7	3.7	3.7	98	3.4	3	S	0.25	8	S	2.7	3.7	2.7	0.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	03:35	3.6	3.7	3.6	98	3.3	3	S	0.25	8	S	2.6	3.7	2.7	0.6	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	03:40	3.6	3.6	3.6	98	3.3	4	S	0.33	7	S	1.9	3.6	2.0	-0.1	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	03:45	3.6	3.6	3.5	98	3.3	4	S	0.33	9	S	1.9	3.6	2.0	-0.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	03:50	3.5	3.6	3.5	98	3.2	5	S	0.42	9	S	1.4	3.6	1.4	-0.7	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	03:55	3.5	3.5	3.4	98	3.2	5	S	0.42	9	S	1.4	3.6	1.4	-0.7	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	3.3	6.1	3.3	15	5
12/12/2018	04:00	3.4	3.5	3.4	98	3.2	4	S	0.33	9	S	1.8	3.5	1.8	-0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	15	5
12/12/2018	04:05	3.4	3.4	3.4	98	3.1	4	S	0.33	8	S	1.7	3.4	1.8	-0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	15	5
12/12/2018	04:10	3.4	3.4	3.4	98	3.1	4	S	0.33	9	S	1.7	3.4	1.8	-0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	15	5
12/12/2018	04:15	3.3	3.4	3.3	98	3.0	4	S	0.33	9	S	1.7	3.4	1.7	-0.4	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	51	5.0	2.8	6.1	3.3	15	5
12/12/2018	04:20	3.3	3.3	3.3	98	3.0	2	S	0.17	6	S	3.1	3.4	3.2	1.1	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	04:25	3.3	3.3	3.3	98	3.0	3	S	0.25	8	S	2.2	3.3	2.3	0.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	04:30	3.3	3.3	3.3	98	3.0	2	S	0.17	6	S	3.1	3.3	3.1	1.0	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	04:35	3.3	3.3	3.3	98	3.0	2	S	0.17	5	S	3.1	3.4	3.2	1.1	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	04:40	3.3	3.3	3.3	98	3.0	2	S	0.17	6	S	3.1	3.4	3.2	1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	04:45	3.3	3.3	3.3	98	3.0	4	S	0.33	8	S	1.7	3.4	1.7	-0.4	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	04:50	3.3	3.3	3.3	98	3.0	2	S	0.17	6	S	3.1	3.4	3.2	1.1	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	04:55	3.3	3.4	3.3	98	3.0	1	S	0.08	5	S	3.3	3.4	3.4	1.3	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	05:00	3.3	3.4	3.3	98	3.0	3	S	0.25	6	S	2.3	3.4	2.3	0.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	05:05	3.4	3.4	3.3	98	3.1	3	S	0.25	6	S	2.3	3.4	2.4	0.3	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	05:10	3.3	3.4	3.3	98	3.0	1	S	0.08	3	S	3.3	3.4	3.4	1.3	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	05:15	3.3	3.3	3.3	98	3.0	0	S	0.00	1	S	3.3	3.4	3.4	1.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	05:20	3.3	3.3	3.3	98	3.0	0	S	0.00	2	S	3.3	3.4	3.4	1.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
12/12/2018	05:25	3.3	3.3	3.3	98	3.0	1	S	0.08	3	S	3.3	3.4	3.4	1.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	05:30	3.3	3.3	3.3	98	3.0	2	S	0.17	3	S	3.1	3.4	3.2	1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	05:35	3.3	3.4	3.3	98	3.0	3	S	0.25	6	S	2.3	3.4	2.3	0.2	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	05:40	3.4	3.4	3.3	98	3.1	2	S	0.17	6	S	3.2	3.4	3.2	1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	05:45	3.4	3.4	3.3	98	3.1	2	S	0.17	5	S	3.2	3.4	3.2	1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	05:50	3.4	3.4	3.4	98	3.1	2	S	0.17	6	S	3.2	3.4	3.2	1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	05:55	3.4	3.4	3.4	98	3.1	3	S	0.25	8	S	2.3	3.4	2.4	0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	06:00	3.4	3.4	3.4	98	3.1	3	S	0.25	6	S	2.3	3.4	2.4	0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	06:05	3.4	3.4	3.4	98	3.2	2	S	0.17	9	S	3.2	3.5	3.3	1.2	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	06:10	3.4	3.4	3.4	98	3.1	3	S	0.25	6	S	2.3	3.4	2.4	0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	06:15	3.4	3.4	3.4	98	3.1	4	S	0.33	9	S	1.7	3.4	1.8	-0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	06:20	3.4	3.4	3.4	98	3.1	3	S	0.25	8	S	2.3	3.4	2.4	0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	2.8	15	5
12/12/2018	06:25	3.3	3.4	3.3	98	3.0	2	S	0.17	8	S	3.1	3.4	3.2	1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	2.8	15	5
12/12/2018	06:30	3.3	3.3	3.3	98	3.0	2	S	0.17	4	S	3.1	3.4	3.2	1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	06:35	3.3	3.3	3.3	98	3.0	2	S	0.17	6	S	3.1	3.4	3.2	1.1	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	06:40	3.3	3.3	3.3	98	3.0	1	S	0.08	3	S	3.3	3.3	3.3	1.2	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	06:45	3.3	3.3	3.3	98	3.0	2	S	0.17	5	S	3.1	3.3	3.1	1.0	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	06:50	3.3	3.3	3.3	98	3.0	1	S	0.08	3	S	3.3	3.4	3.4	1.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	06:55	3.3	3.3	3.3	98	3.0	1	S	0.08	2	S	3.3	3.4	3.4	1.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	07:00	3.3	3.3	3.3	98	3.0	2	S	0.17	6	S	3.1	3.4	3.2	1.1	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	07:05	3.3	3.3	3.3	98	3.0	2	S	0.17	5	S	3.1	3.4	3.2	1.1	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	07:10	3.4	3.4	3.3	98	3.1	3	S	0.25	8	S	2.3	3.4	2.4	0.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	07:15	3.4	3.4	3.4	98	3.1	4	S	0.33	8	S	1.7	3.4	1.8	-0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	07:20	3.4	3.4	3.4	98	3.1	3	S	0.25	8	S	2.3	3.4	2.4	0.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	07:25	3.4	3.4	3.4	98	3.2	1	S	0.08	2	S	3.4	3.5	3.5	1.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	07:30	3.4	3.4	3.4	98	3.1	2	S	0.17	4	S	3.2	3.4	3.2	1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	07:35	3.4	3.4	3.4	98	3.2	3	S	0.25	8	S	2.4	3.5	2.4	0.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	07:40	3.4	3.4	3.4	98	3.2	0	S	0.00	3	S	3.4	3.5	3.5	1.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	07:45	3.4	3.4	3.4	98	3.2	2	S	0.17	4	S	3.2	3.5	3.3	1.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	07:50	3.4	3.4	3.4	98	3.2	2	S	0.17	5	S	3.2	3.5	3.3	1.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	07:55	3.4	3.4	3.4	98	3.2	2	S	0.17	4	S	3.2	3.5	3.3	1.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	08:00	3.4	3.4	3.4	98	3.2	2	S	0.17	5	S	3.2	3.5	3.3	1.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	08:05	3.4	3.4	3.4	98	3.2	1	S	0.08	4	S	3.4	3.5	3.5	1.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	08:10	3.4	3.4	3.4	98	3.2	3	S	0.25	6	S	2.4	3.5	2.4	0.4	30.16	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.3	15	5
12/12/2018	08:15	3.4	3.4	3.4	98	3.2	3	S	0.25	6	S	2.4	3.5	2.4	0.4	30.16	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	08:20	3.4	3.4	3.4	98	3.2	4	S	0.33	9	S	1.8	3.5	1.8	-0.2	30.16	0.0	0.0	7	0.05	9	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	08:25	3.4	3.4	3.4	98	3.1	3	S	0.25	8	S	2.3	3.4	2.4	0.4	30.16	0.0	0.0	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	08:30	3.4	3.4	3.4	98	3.1	2	S	0.17	8	S	3.2	3.4	3.2	1.3	30.16	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.2	6.1	3.3	15	5
12/12/2018	08:35	3.3	3.4	3.3	98	3.0	3	S	0.25	6	S	2.3	3.4	2.3	0.4	30.16	0.0	0.0	14	0.10	16	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	08:40	3.4	3.4	3.3	98	3.1	3	S	0.25	6	S	2.3	3.4	2.4	0.5	30.16	0.0	0.0	16	0.11	16	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	08:45	3.4	3.4	3.3	98	3.1	3	S	0.25	9	S	2.3	3.4	2.4	0.5	30.16	0.0	0.0	18	0.13	19	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5
12/12/2018	08:50	3.4	3.4	3.4	98	3.1	2	S	0.17	5	S	3.2	3.4	3.2	1.3	30.16	0.0	0.0	19	0.14	21	0	0.00	0.00	0.05	0.00	0.00	52	5.0	2.8	6.1	3.3	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
12/12/2018	08:55	3.4	3.4	3.4	98	3.2	1	S	0.08	4	S	3.4	3.5	3.5	1.6	30.16	0.0	0.0	20	0.14	21	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.9	15	5
12/12/2018	09:00	3.4	3.4	3.4	98	3.2	1	S	0.08	3	S	3.4	3.5	3.5	1.7	30.16	0.0	0.0	22	0.16	23	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.9	14	5
12/12/2018	09:05	3.5	3.5	3.4	98	3.2	3	S	0.25	6	S	2.4	3.6	2.5	0.6	30.16	0.0	0.0	20	0.14	21	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.9	14	5
12/12/2018	09:10	3.6	3.6	3.5	99	3.4	4	S	0.33	8	S	1.9	3.6	2.0	0.1	30.16	0.0	0.0	18	0.13	19	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.9	13	5
12/12/2018	09:15	3.6	3.6	3.6	99	3.5	2	S	0.17	6	S	3.4	3.7	3.4	1.6	30.16	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.3	6.1	3.9	13	5
12/12/2018	09:20	3.7	3.7	3.6	99	3.5	1	S	0.08	4	S	3.7	3.7	3.7	1.9	30.16	0.0	0.0	19	0.14	21	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.9	6.1	3.9	12	5
12/12/2018	09:25	3.7	3.7	3.7	98	3.4	1	S	0.08	3	S	3.7	3.8	3.8	1.9	30.16	0.0	0.0	23	0.16	25	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.9	6.1	4.4	10	5
12/12/2018	09:30	3.8	3.8	3.7	98	3.5	1	S	0.08	4	S	3.8	3.8	3.8	2.1	30.16	0.0	0.0	30	0.22	35	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.9	6.1	4.4	9	5
12/12/2018	09:35	3.8	3.8	3.8	98	3.5	2	S	0.17	4	S	3.6	3.8	3.6	2.0	30.16	0.0	0.0	38	0.27	39	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.9	6.1	4.4	6	5
12/12/2018	09:40	3.8	3.9	3.8	98	3.5	2	S	0.17	6	S	3.7	3.9	3.7	2.1	30.16	0.0	0.0	34	0.24	37	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.9	6.1	4.4	4	5
12/12/2018	09:45	3.9	3.9	3.8	99	3.7	1	S	0.08	4	S	3.9	4.0	4.0	2.3	30.16	0.0	0.0	32	0.23	37	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	4.4	3	5
12/12/2018	09:50	3.9	4.0	3.9	99	3.8	2	S	0.17	4	S	3.8	4.1	3.9	2.1	30.16	0.0	0.0	27	0.19	28	0	0.00	0.00	0.05	0.00	0.00	52	5.0	3.9	6.1	4.4	2	5
12/12/2018	09:55	4.1	4.1	3.9	99	3.9	2	S	0.17	6	S	3.9	4.2	4.0	3.3	30.16	0.0	0.0	28	0.20	32	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	4.4	1	5
12/12/2018	10:00	4.1	4.1	4.1	98	3.8	2	S	0.17	5	S	3.9	4.2	4.0	3.6	30.16	0.0	0.0	38	0.27	42	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	5.0	1	5
12/12/2018	10:05	4.2	4.2	4.1	98	3.9	2	S	0.17	5	S	4.0	4.2	4.1	3.7	30.16	0.0	0.0	42	0.30	44	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:10	4.2	4.2	4.2	98	3.9	2	S	0.17	6	S	4.1	4.3	4.1	3.6	30.17	0.0	0.0	31	0.22	33	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:15	4.3	4.3	4.2	99	4.1	3	S	0.25	5	S	3.3	4.4	3.4	2.8	30.17	0.0	0.0	30	0.22	32	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:20	4.3	4.3	4.3	99	4.2	2	S	0.17	5	S	4.2	4.4	4.3	3.4	30.17	0.0	0.0	22	0.16	26	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:25	4.4	4.4	4.3	99	4.2	2	S	0.17	6	S	4.3	4.5	4.4	3.6	30.17	0.0	0.0	23	0.16	25	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:30	4.4	4.4	4.4	98	4.2	4	S	0.33	12	S	2.9	4.6	3.1	2.1	30.17	0.0	0.0	19	0.14	21	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:35	4.5	4.5	4.4	99	4.4	3	S	0.25	12	SSW	3.6	4.6	3.7	2.7	30.17	0.0	0.0	16	0.11	18	0	0.00	0.00	0.05	0.00	0.00	52	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:40	4.6	4.6	4.5	99	4.4	2	S	0.17	5	S	4.4	4.7	4.6	3.5	30.18	0.0	0.0	15	0.11	16	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:45	4.6	4.6	4.6	99	4.4	4	S	0.33	11	S	3.1	4.7	3.2	2.1	30.17	0.0	0.0	16	0.11	16	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:50	4.6	4.6	4.6	99	4.5	3	S	0.25	6	S	3.7	4.7	3.8	2.8	30.17	0.0	0.0	17	0.12	19	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	10:55	4.6	4.6	4.6	99	4.5	4	S	0.33	11	S	3.2	4.7	3.3	2.6	30.16	0.0	0.0	28	0.20	30	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	11:00	4.7	4.7	4.6	98	4.4	4	S	0.33	9	S	3.2	4.8	3.3	2.6	30.16	0.0	0.0	28	0.20	30	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	11:05	4.7	4.7	4.6	98	4.4	4	S	0.33	10	S	3.2	4.8	3.3	2.5	30.16	0.0	0.0	24	0.17	26	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	11:10	4.6	4.7	4.6	98	4.3	5	S	0.42	9	S	2.7	4.7	2.8	1.8	30.17	0.0	0.0	19	0.14	21	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	11:15	4.7	4.7	4.6	98	4.4	4	S	0.33	8	S	3.2	4.8	3.3	2.3	30.17	0.0	0.0	16	0.11	16	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	11:20	4.6	4.7	4.6	98	4.3	3	S	0.25	8	S	3.7	4.7	3.8	2.7	30.17	0.0	0.0	15	0.11	16	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	11:25	4.6	4.7	4.6	98	4.3	4	S	0.33	8	S	3.2	4.7	3.3	2.1	30.16	0.0	0.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	51	5.0	4.4	6.1	5.0	0	5
12/12/2018	11:30	4.6	4.7	4.6	98	4.3	4	S	0.33	10	S	3.2	4.7	3.3	2.1	30.16	0.0	0.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	52	5.6	4.4	6.1	5.0	0	5
12/12/2018	11:35	4.6	4.7	4.6	98	4.3	5	S	0.42	10	S	2.7	4.7	2.8	1.7	30.16	0.0	0.0	17	0.12	21	0	0.00	0.00	0.05	0.00	0.00	52	5.6	4.4	6.1	5.0	0	5
12/12/2018	11:40	4.7	4.7	4.6	98	4.4	5	S	0.42	11	S	2.7	4.8	2.8	1.9	30.16	0.0	0.0	20	0.14	21	0	0.00	0.00	0.05	0.00	0.00	52	5.6	4.4	6.1	5.0	0	5
12/12/2018	11:45	4.7	4.7	4.6	98	4.4	7	S	0.58	11	S	2.0	4.8	2.1	1.3	30.16	0.0	0.0	25	0.18	28	0	0.00	0.00	0.05	0.00	0.00	52	5.6	4.4	6.1	5.0	0	5
12/12/2018	11:50	4.7	4.7	4.7	98	4.4	4	S	0.33	9	S	3.2	4.8	3.3	2.6	30.16	0.0	0.0	30	0.22	33	0	0.00	0.00	0.05	0.00	0.00	52	5.6	4.4	6.1	5.0	0	5
12/12/2018	11:55	4.7	4.7	4.7	98	4.4	4	S	0.33	9	S	3.3	4.8	3.4	2.9	30.16	0.0	0.0	37	0.27	39	0	0.00	0.00	0.05	0.00	0.00	52	5.6	5.0	6.1	5.0	0	5
12/12/2018	12:00	4.7	4.7	4.7	98	4.4	5	S	0.42	11	S	2.8	4.8	2.9	2.6	30.15	0.0	0.0	42	0.30	46	0	0.00	0.00	0.05	0.00	0.00	52	5.6	5.0	6.1	5.0	0	5
12/12/2018	12:05	4.8	4.8	4.7	98	4.5	6	S	0.50	10	S	2.5	4.9	2.6	2.3	30.15	0.0	0.0	44	0.32	47	0	0.00	0.00	0.05	0.00	0.00	52	5.6	5.0	6.1	5.6	0	5
12/12/2018	12:10	4.8	4.8	4.8	98	4.5	6	S	0.50	11	S	2.5	4.9	2.6	2.3	30.15	0.0	0.0	46	0.33	47	0	0.00	0.00	0.05	0.00	0.00	52	5.6	5.0	6.1	5.6	0	5
12/12/2018	12:15	4.8	4.8	4.8	98	4.5	7	SSE	0.58	13	SSE	2.1	4.9	2.2	1.6	30.15	0.0	0.0	34	0.24	42	0	0.00	0.00	0.05	0.00	0.00	52	5.6	5.0	6.1	5.0	0	5
12/12/2018	12:20	4.8	4.8	4.8	98	4.5	6	SSE	0.50	14	SSE	2.6	4.9	2.7	1.8	30.15	0.0	0.0	24	0.17	30	0	0.00	0.00	0.05	0.00	0.00	52	5.6	5.0	6.1	5.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
12/12/2018	12:25	4.8	4.8	4.8	98	4.5	5	SSE	0.42	13	SSE	2.9	4.9	3.0	2.1	30.15	0.0	0.0	21	0.15	23	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	12:30	4.8	4.8	4.8	98	4.5	5	SSE	0.42	10	SSE	2.9	4.9	3.1	2.3	30.15	0.0	0.0	28	0.20	30	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	12:35	4.8	4.8	4.8	98	4.5	5	SSE	0.42	12	SSE	2.9	4.9	3.1	2.3	30.15	0.0	0.0	26	0.19	28	0	0.00	0.00	0.05	0.00	0.00	51	5.6	5.0	6.1	5.0	0	5
12/12/2018	12:40	4.8	4.8	4.8	98	4.5	3	SSE	0.25	8	SSE	4.0	4.9	4.1	3.3	30.15	0.0	0.0	26	0.19	26	0	0.00	0.00	0.05	0.00	0.00	51	5.6	5.0	6.1	5.0	0	5
12/12/2018	12:45	4.8	4.8	4.8	98	4.5	5	S	0.42	10	SSE	2.9	4.9	3.1	2.2	30.15	0.0	0.0	22	0.16	25	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	12:50	4.8	4.8	4.8	98	4.5	6	S	0.50	13	S	2.6	4.9	2.7	1.8	30.14	0.0	0.0	25	0.18	26	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	12:55	4.8	4.8	4.8	98	4.5	5	S	0.42	10	S	2.9	4.9	3.1	2.3	30.15	0.0	0.0	29	0.21	30	0	0.00	0.00	0.05	0.00	0.00	51	5.6	5.0	6.1	5.0	0	5
12/12/2018	13:00	4.8	4.8	4.8	97	4.4	5	S	0.42	10	S	2.9	4.9	3.0	2.2	30.14	0.0	0.0	27	0.19	30	0	0.00	0.00	0.05	0.00	0.03	51	5.6	5.0	6.1	5.0	0	5
12/12/2018	13:05	4.8	4.8	4.8	97	4.4	6	S	0.50	11	S	2.6	4.9	2.6	1.8	30.14	0.0	0.0	26	0.19	28	0	0.00	0.00	0.05	0.00	0.00	51	5.6	5.0	6.1	5.0	0	5
12/12/2018	13:10	4.9	4.9	4.8	97	4.5	5	S	0.42	9	S	3.0	4.9	3.1	2.2	30.14	0.0	0.0	25	0.18	25	0	0.00	0.00	0.05	0.00	0.00	51	5.6	5.0	6.1	5.0	0	5
12/12/2018	13:15	4.9	4.9	4.8	97	4.5	4	S	0.33	9	S	3.5	4.9	3.6	2.6	30.14	0.0	0.0	20	0.14	21	0	0.00	0.00	0.05	0.00	0.00	51	5.6	5.0	6.1	5.0	1	5
12/12/2018	13:20	4.9	4.9	4.9	97	4.5	4	S	0.33	8	S	3.5	4.9	3.6	2.6	30.14	0.0	0.0	20	0.14	21	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	2	5
12/12/2018	13:25	4.9	4.9	4.9	97	4.5	3	S	0.25	8	S	4.1	4.9	4.1	3.1	30.14	0.0	0.0	17	0.12	19	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	2	5
12/12/2018	13:30	4.9	4.9	4.9	97	4.5	5	S	0.42	11	S	3.0	4.9	3.1	2.1	30.13	0.0	0.0	17	0.12	18	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	1	5
12/12/2018	13:35	4.9	4.9	4.9	97	4.5	6	S	0.50	10	S	2.7	5.0	2.7	1.7	30.13	0.0	0.0	17	0.12	19	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	1	5
12/12/2018	13:40	4.9	4.9	4.9	97	4.5	6	SSE	0.50	11	SSE	2.7	5.0	2.7	1.7	30.13	0.0	0.0	18	0.13	19	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	2	5
12/12/2018	13:45	4.9	4.9	4.9	97	4.5	4	SSE	0.33	9	SSE	3.6	5.0	3.6	2.5	30.13	0.0	0.0	14	0.10	16	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	1	5
12/12/2018	13:50	4.9	4.9	4.9	97	4.5	5	SSE	0.42	9	SSE	3.1	5.0	3.1	2.2	30.13	0.0	0.0	22	0.16	26	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	13:55	4.9	4.9	4.9	97	4.5	4	SSE	0.33	9	SSE	3.6	5.0	3.6	2.8	30.12	0.0	0.0	25	0.18	32	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:00	4.9	4.9	4.9	97	4.5	6	SSE	0.50	13	SSE	2.7	5.0	2.7	1.9	30.12	0.0	0.0	25	0.18	28	0	0.00	0.00	0.05	0.00	0.00	51	5.6	5.0	6.1	5.0	0	5
12/12/2018	14:05	4.9	4.9	4.9	97	4.5	5	SSE	0.42	9	SSE	3.1	5.0	3.1	2.3	30.12	0.0	0.0	22	0.16	25	0	0.00	0.00	0.05	0.00	0.00	51	5.6	5.0	6.1	5.0	0	5
12/12/2018	14:10	4.9	5.0	4.9	97	4.5	5	SSE	0.42	12	SSE	3.1	5.0	3.1	2.1	30.12	0.0	0.0	17	0.12	18	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:15	4.9	5.0	4.9	97	4.5	6	SSE	0.50	9	SSE	2.7	5.0	2.7	1.7	30.12	0.0	0.0	15	0.11	16	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:20	4.9	5.0	4.9	97	4.5	6	SSE	0.50	11	SSE	2.7	5.0	2.7	1.6	30.12	0.0	0.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:25	4.9	5.0	4.9	97	4.5	6	SSE	0.50	12	SSE	2.7	5.0	2.7	1.7	30.12	0.0	0.0	14	0.10	16	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:30	4.9	4.9	4.9	97	4.5	5	SSE	0.42	13	SSE	3.1	5.0	3.1	2.1	30.12	0.0	0.0	14	0.10	18	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:35	4.9	4.9	4.9	97	4.5	9	SSE	0.75	15	SSE	1.8	5.0	1.8	0.8	30.12	0.0	0.0	12	0.09	14	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:40	4.9	4.9	4.9	96	4.3	8	SSE	0.67	14	SSE	2.0	4.9	2.1	1.2	30.12	0.0	0.0	18	0.13	21	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:45	4.9	4.9	4.8	96	4.3	8	SSE	0.67	14	SSE	2.0	4.9	2.1	0.6	30.12	0.0	0.0	18	0.13	19	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:50	4.8	4.8	4.8	96	4.2	9	SSE	0.75	16	SE	1.6	4.9	1.7	0.2	30.12	0.0	0.0	13	0.09	16	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	14:55	4.8	4.8	4.8	96	4.2	8	SSE	0.67	13	S	1.9	4.9	1.9	0.4	30.12	0.0	0.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	15:00	4.8	4.8	4.8	96	4.2	7	SSE	0.58	13	SSE	2.1	4.8	2.2	0.6	30.11	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	15:05	4.7	4.8	4.7	95	4.0	6	SSE	0.50	12	SE	2.4	4.8	2.4	0.9	30.12	0.0	0.0	11	0.08	11	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	15:10	4.7	4.7	4.7	95	3.9	9	SSE	0.75	14	SSE	1.4	4.7	1.5	0.1	30.12	0.0	0.0	9	0.06	11	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	15:15	4.6	4.7	4.6	95	3.9	6	SE	0.50	11	S	2.3	4.7	2.3	0.7	30.12	0.0	0.0	9	0.06	9	0	0.00	0.00	0.05	0.00	0.00	51	5.6	4.4	6.1	5.0	0	5
12/12/2018	15:20	4.6	4.6	4.6	95	3.9	7	S	0.58	12	SSE	1.9	4.7	2.0	0.3	30.12	0.0	0.0	7	0.05	7	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
12/12/2018	15:25	4.6	4.6	4.6	94	3.7	4	SSE	0.33	10	S	3.2	4.7	3.2	1.6	30.12	0.0	0.0	6	0.04	7	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
12/12/2018	15:30	4.6	4.6	4.6	94	3.7	5	SSE	0.42	12	SSE	2.6	4.6	2.7	0.9	30.12	0.0	0.0	2	0.01	5	0	0.00	0.00	0.05	0.00	0.00	51	5.6	3.9	6.1	4.4	0	5
12/12/2018	15:35	4.6	4.6	4.6	94	3.7	5	SSE	0.42	11	SSE	2.6	4.6	2.7	0.9	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	4.4	0	5
12/12/2018	15:40	4.5	4.6	4.5	94	3.6	6	SSE	0.50	12	SSE	2.2	4.6	2.2	0.5	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	4.4	0	5
12/12/2018	15:45	4.4	4.5	4.4	93	3.4	6	SSE	0.50	12	SE	2.1	4.4	2.1	0.4	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	4.4	0	5
12/12/2018	15:50	4.4	4.4	4.4	93	3.4	6	SSE	0.50	12	SSE	2.0	4.4	2.0	0.3	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	4.4	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
12/12/2018	15:55	4.4	4.4	4.4	93	3.4	5	SE	0.42	11	S	2.4	4.4	2.4	0.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	4.4	0	5
12/12/2018	16:00	4.3	4.4	4.3	92	3.1	6	SE	0.50	10	SE	1.9	4.3	1.9	0.2	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.9	6.1	4.4	0	5
12/12/2018	16:05	4.3	4.3	4.3	92	3.1	5	SSE	0.42	12	SE	2.3	4.3	2.3	0.5	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	0	5
12/12/2018	16:10	4.3	4.3	4.3	92	3.1	8	SSE	0.67	13	SSE	1.2	4.3	1.2	-0.4	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	0	5
12/12/2018	16:15	4.2	4.3	4.2	91	2.8	6	SE	0.50	12	SSE	1.8	4.1	1.7	-0.1	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	0	5
12/12/2018	16:20	4.1	4.2	4.1	91	2.8	6	SE	0.50	14	SSE	1.7	4.1	1.6	-0.2	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	0	5
12/12/2018	16:25	4.1	4.1	4.1	91	2.7	8	SSE	0.67	14	SE	0.9	4.0	0.9	-0.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	0	5
12/12/2018	16:30	4.1	4.1	4.1	91	2.7	5	SSE	0.42	15	SSE	2.1	4.0	2.0	0.2	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	0	5
12/12/2018	16:35	3.9	4.1	3.9	90	2.5	6	SSE	0.50	13	S	1.5	3.9	1.4	-0.3	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	0	5
12/12/2018	16:40	3.9	3.9	3.9	90	2.5	6	SSE	0.50	13	SSE	1.5	3.9	1.4	-0.3	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	0	5
12/12/2018	16:45	3.9	3.9	3.9	90	2.4	6	SSE	0.50	13	SSE	1.4	3.8	1.4	-0.4	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	0	5
12/12/2018	16:50	3.9	3.9	3.9	90	2.4	7	SSE	0.58	16	SSE	1.1	3.8	1.0	-0.8	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	0	5
12/12/2018	16:55	3.8	3.9	3.8	90	2.3	6	SSE	0.50	12	SSE	1.3	3.8	1.3	-0.5	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	3.3	6.1	3.9	0	5
12/12/2018	17:00	3.8	3.8	3.8	90	2.3	8	SE	0.67	15	SSE	0.6	3.7	0.6	-1.1	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	0	5
12/12/2018	17:05	3.8	3.8	3.8	90	2.3	8	SSE	0.67	13	SE	0.6	3.7	0.6	-1.1	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.9	0	5
12/12/2018	17:10	3.7	3.8	3.7	89	2.1	7	SSE	0.58	13	S	0.9	3.7	0.8	-0.9	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	52	5.6	2.8	6.1	3.3	0	5
12/12/2018	17:15	3.7	3.7	3.7	89	2.0	7	SSE	0.58	14	SE	0.8	3.6	0.8	-1.0	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.8	6.1	3.3	0	5
12/12/2018	17:20	3.6	3.7	3.6	89	2.0	7	SSE	0.58	14	SSE	0.7	3.6	0.7	-1.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.8	6.1	3.3	0	5
12/12/2018	17:25	3.6	3.6	3.6	88	1.8	9	SSE	0.75	19	SSE	0.1	3.6	0.1	-1.6	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.8	6.1	3.3	0	5
12/12/2018	17:30	3.6	3.6	3.6	88	1.8	7	SE	0.58	19	SSE	0.7	3.5	0.6	-1.2	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.8	6.1	3.3	0	5
12/12/2018	17:35	3.6	3.6	3.6	88	1.8	8	SSE	0.67	13	S	0.3	3.5	0.3	-1.4	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.8	6.1	3.3	0	5
12/12/2018	17:40	3.5	3.6	3.5	87	1.5	6	SE	0.50	13	SE	0.9	3.4	0.8	-1.0	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.8	6.1	3.3	0	5
12/12/2018	17:45	3.5	3.5	3.5	87	1.5	7	SSE	0.58	12	SE	0.6	3.4	0.5	-1.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.8	6.1	3.3	0	5
12/12/2018	17:50	3.4	3.5	3.4	87	1.5	6	SE	0.50	9	SE	0.9	3.3	0.8	-1.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.8	6.1	3.3	0	5
12/12/2018	17:55	3.4	3.4	3.4	87	1.5	6	SSE	0.50	11	SSE	0.9	3.3	0.8	-1.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.8	6.1	3.3	0	5
12/12/2018	18:00	3.4	3.4	3.4	87	1.4	5	S	0.42	11	SSE	1.2	3.3	1.1	-0.7	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	53	5.6	2.2	6.1	3.3	0	5
12/12/2018	18:05	3.3	3.4	3.3	86	1.2	6	S	0.50	15	SSE	0.8	3.2	0.7	-1.2	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.2	6.1	2.8	0	5
12/12/2018	18:10	3.3	3.4	3.3	86	1.2	7	SSE	0.58	13	SSE	0.4	3.2	0.3	-1.6	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.2	6.1	2.8	0	5
12/12/2018	18:15	3.3	3.3	3.3	86	1.2	7	SSE	0.58	12	SE	0.3	3.2	0.2	-1.6	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.6	2.2	6.1	2.8	0	5
12/12/2018	18:20	3.2	3.3	3.2	86	1.1	9	SSE	0.75	17	SE	-0.3	3.1	-0.4	-2.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.0	2.2	6.1	2.8	0	5
12/12/2018	18:25	3.2	3.2	3.1	86	1.0	9	SSE	0.75	15	SE	-0.4	3.1	-0.5	-2.2	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.0	1.7	6.1	2.8	0	5
12/12/2018	18:30	3.1	3.2	3.1	86	0.9	9	SSE	0.75	19	SSE	-0.6	2.9	-0.7	-2.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.0	1.7	6.1	2.8	0	5
12/12/2018	18:35	3.0	3.1	3.0	86	0.9	9	SE	0.75	18	SSE	-0.6	2.9	-0.7	-2.4	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.0	1.7	6.1	2.8	0	5
12/12/2018	18:40	2.9	3.0	2.9	86	0.8	8	SE	0.67	16	SE	-0.4	2.8	-0.6	-2.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.0	1.7	6.1	2.2	0	5
12/12/2018	18:45	2.8	2.9	2.8	86	0.7	6	SSE	0.50	12	SSE	0.1	2.7	0.0	-1.8	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.0	1.1	6.1	2.2	0	5
12/12/2018	18:50	2.7	2.8	2.7	86	0.6	6	SSE	0.50	14	SSE	0.1	2.6	-0.1	-1.9	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	5.0	1.1	6.1	2.2	0	5
12/12/2018	18:55	2.7	2.7	2.7	86	0.6	6	SSE	0.50	14	SSE	-0.1	2.6	-0.2	-2.0	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	5.0	1.1	6.1	2.2	0	5
12/12/2018	19:00	2.6	2.7	2.6	86	0.4	6	SSE	0.50	13	SSE	-0.2	2.4	-0.3	-2.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.03	54	5.0	1.1	6.1	1.7	0	5
12/12/2018	19:05	2.5	2.6	2.5	86	0.4	6	SSE	0.50	11	SSE	-0.2	2.4	-0.3	-2.2	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	54	5.0	1.1	6.1	1.7	0	5
12/12/2018	19:10	2.4	2.5	2.4	86	0.3	6	SSE	0.50	12	S	-0.3	2.3	-0.4	-2.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	54	5.0	0.6	6.1	1.7	0	5
12/12/2018	19:15	2.3	2.4	2.3	86	0.2	6	S	0.50	11	S	-0.4	2.2	-0.6	-2.4	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	54	5.0	0.6	6.1	1.7	0	5
12/12/2018	19:20	2.2	2.3	2.2	86	0.1	6	SSE	0.50	13	SSE	-0.6	2.1	-0.7	-2.5	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	54	5.0	0.6	6.1	1.7	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
12/12/2018	19:25	2.2	2.2	2.2	86	0.1	7	SSE	0.58	12	SSE	-1.0	2.1	-1.1	-2.9	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	54	5.0	0.6	6.1	1.7	0	5
12/12/2018	19:30	2.1	2.2	2.1	86	0.0	6	SSE	0.50	11	SSE	-0.7	2.0	-0.8	-2.6	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	54	5.0	0.6	6.1	1.7	0	5
12/12/2018	19:35	2.1	2.1	2.1	86	0.0	6	SSE	0.50	13	SSE	-0.8	1.9	-0.9	-2.8	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	54	5.0	0.6	6.1	1.7	0	5
12/12/2018	19:40	1.9	2.1	1.9	86	-0.2	8	SSE	0.67	12	S	-1.6	1.8	-1.7	-3.5	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	54	5.0	0.6	6.1	1.7	0	5
12/12/2018	19:45	1.9	1.9	1.9	86	-0.2	7	SSE	0.58	12	SSE	-1.3	1.8	-1.4	-3.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.1	0	5
12/12/2018	19:50	1.8	1.9	1.8	86	-0.3	6	SE	0.50	11	SSE	-1.0	1.7	-1.1	-3.0	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.1	0	5
12/12/2018	19:55	1.8	1.8	1.8	86	-0.3	7	SSE	0.58	12	SSE	-1.4	1.7	-1.6	-3.4	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.1	0	5
12/12/2018	20:00	1.7	1.8	1.7	87	-0.2	4	S	0.33	10	S	-0.2	1.6	-0.3	-2.2	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.03	55	5.0	0.0	6.1	1.1	0	5
12/12/2018	20:05	1.7	1.7	1.7	86	-0.4	7	SSE	0.58	12	SSE	-1.6	1.6	-1.7	-3.6	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.7	0	5
12/12/2018	20:10	1.7	1.7	1.7	87	-0.3	7	SSE	0.58	13	S	-1.6	1.6	-1.7	-3.6	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.1	0	5
12/12/2018	20:15	1.6	1.7	1.6	87	-0.3	6	SE	0.50	12	SE	-1.3	1.5	-1.4	-3.3	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.1	0	5
12/12/2018	20:20	1.6	1.6	1.6	87	-0.3	6	SSE	0.50	11	SSE	-1.3	1.5	-1.4	-3.3	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.1	0	5
12/12/2018	20:25	1.6	1.6	1.6	87	-0.4	6	SSE	0.50	14	SSE	-1.3	1.4	-1.4	-3.3	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.1	0	5
12/12/2018	20:30	1.6	1.6	1.6	87	-0.4	7	SSE	0.58	14	SE	-1.7	1.4	-1.8	-3.7	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.7	0	5
12/12/2018	20:35	1.6	1.6	1.6	87	-0.4	6	S	0.50	12	SSW	-1.3	1.4	-1.4	-3.3	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	5.0	0.0	6.1	1.1	0	5
12/12/2018	20:40	1.5	1.6	1.5	87	-0.4	6	S	0.50	11	SSW	-1.4	1.4	-1.6	-3.4	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	4.4	0.0	6.1	1.1	0	5
12/12/2018	20:45	1.5	1.6	1.5	86	-0.6	7	SSE	0.58	12	SSE	-1.8	1.4	-1.9	-3.8	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	4.4	0.0	6.1	1.1	0	5
12/12/2018	20:50	1.5	1.6	1.5	86	-0.6	6	SSE	0.50	14	S	-1.4	1.4	-1.6	-3.4	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	4.4	0.0	6.1	1.7	0	5
12/12/2018	20:55	1.5	1.6	1.5	86	-0.6	6	SSE	0.50	11	SE	-1.4	1.4	-1.6	-3.4	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	4.4	0.0	6.1	1.1	0	5
12/12/2018	21:00	1.5	1.5	1.5	86	-0.6	7	SE	0.58	11	SE	-1.8	1.4	-1.9	-3.8	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.03	55	4.4	0.0	5.6	1.1	0	5
12/12/2018	21:05	1.4	1.5	1.4	86	-0.6	7	SE	0.58	12	SE	-1.9	1.3	-2.0	-3.9	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	4.4	0.0	5.6	1.1	0	5
12/12/2018	21:10	1.4	1.5	1.4	86	-0.6	7	SE	0.58	12	SE	-1.9	1.3	-2.0	-3.9	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	4.4	0.0	5.6	1.1	0	5
12/12/2018	21:15	1.4	1.4	1.4	86	-0.7	5	SE	0.42	11	SE	-1.1	1.3	-1.2	-3.1	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	4.4	0.0	5.6	1.1	0	5
12/12/2018	21:20	1.3	1.4	1.3	86	-0.8	5	SSE	0.42	12	SE	-1.2	1.2	-1.3	-3.2	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	4.4	-0.6	5.6	1.1	0	5
12/12/2018	21:25	1.3	1.4	1.3	86	-0.8	5	SSE	0.42	10	SE	-1.2	1.2	-1.3	-3.2	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	4.4	-0.6	5.6	1.1	0	5
12/12/2018	21:30	1.3	1.3	1.3	86	-0.8	5	SE	0.42	8	SE	-1.2	1.1	-1.4	-3.3	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	-0.6	5.6	1.1	0	5
12/12/2018	21:35	1.2	1.3	1.2	86	-0.9	5	SE	0.42	9	SE	-1.3	1.1	-1.4	-3.3	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.0	5.6	1.1	0	5
12/12/2018	21:40	1.2	1.3	1.2	86	-0.9	7	SSE	0.58	11	SE	-2.2	1.1	-2.3	-4.2	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.0	5.6	1.1	0	5
12/12/2018	21:45	1.2	1.2	1.2	86	-0.9	5	SE	0.42	11	SSE	-1.4	1.0	-1.6	-3.4	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.0	5.6	1.1	0	5
12/12/2018	21:50	1.1	1.2	1.1	86	-1.0	6	SE	0.50	13	SE	-1.9	0.9	-2.1	-3.9	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.0	5.6	1.1	0	5
12/12/2018	21:55	1.1	1.1	1.1	87	-0.8	6	SE	0.50	11	SE	-1.9	0.9	-2.1	-3.9	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.0	5.6	0.6	0	5
12/12/2018	22:00	1.1	1.1	1.1	87	-0.9	4	SE	0.33	9	ESE	-0.9	0.9	-1.1	-3.0	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.03	56	4.4	-0.6	5.6	0.6	0	5
12/12/2018	22:05	1.0	1.1	1.0	87	-0.9	4	SE	0.33	10	SE	-1.0	0.9	-1.1	-3.0	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	-0.6	5.6	0.6	0	5
12/12/2018	22:10	0.9	1.0	0.9	87	-1.0	5	SSE	0.42	9	S	-1.6	0.8	-1.7	-3.6	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	-0.6	5.6	0.6	0	5
12/12/2018	22:15	0.9	0.9	0.9	87	-1.0	2	SSE	0.17	5	SSE	0.4	0.8	0.3	-1.6	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.0	5.6	0.6	0	5
12/12/2018	22:20	0.9	0.9	0.9	87	-1.0	5	SSE	0.42	8	S	-1.7	0.8	-1.8	-3.7	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.0	5.6	0.6	0	5
12/12/2018	22:25	0.8	0.9	0.8	87	-1.1	5	SSE	0.42	9	SE	-1.8	0.7	-1.9	-3.8	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.0	5.6	0.6	0	5
12/12/2018	22:30	0.8	0.8	0.8	87	-1.1	4	S	0.33	9	SE	-1.2	0.7	-1.3	-3.2	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.0	5.6	0.6	0	5
12/12/2018	22:35	0.8	0.8	0.8	88	-0.9	3	SSE	0.25	8	SSE	-0.6	0.7	-0.7	-2.6	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	22:40	0.8	0.8	0.8	88	-0.9	2	SSE	0.17	5	S	0.3	0.7	0.2	-1.7	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	22:45	0.9	0.9	0.8	88	-0.9	3	S	0.25	5	S	-0.5	0.8	-0.6	-2.5	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	22:50	0.9	0.9	0.8	88	-0.9	3	S	0.25	5	S	-0.5	0.8	-0.6	-2.5	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
12/12/2018	22:55	0.9	0.9	0.9	88	-0.9	1	S	0.08	3	S	0.9	0.8	0.8	-1.1	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:00	0.9	0.9	0.9	88	-0.8	2	S	0.17	6	S	0.4	0.8	0.3	-1.6	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:05	0.9	0.9	0.9	88	-0.8	2	S	0.17	6	S	0.4	0.8	0.3	-1.6	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:10	0.9	1.0	0.9	88	-0.8	3	S	0.25	7	S	-0.4	0.8	-0.6	-2.4	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:15	1.0	1.0	1.0	89	-0.6	2	S	0.17	6	S	0.5	0.9	0.4	-1.5	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:20	1.1	1.1	1.0	89	-0.6	3	S	0.25	6	S	-0.3	0.9	-0.4	-2.3	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:25	1.1	1.1	1.0	89	-0.6	5	SSE	0.42	10	S	-1.5	0.9	-1.6	-3.5	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:30	1.1	1.1	1.1	89	-0.5	3	SSE	0.25	8	SSE	-0.2	1.0	-0.3	-2.2	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:35	1.2	1.2	1.1	89	-0.4	5	SSE	0.42	12	SSE	-1.4	1.1	-1.5	-3.4	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:40	1.2	1.2	1.2	89	-0.4	4	S	0.33	9	S	-0.8	1.1	-0.9	-2.8	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	4.4	0.6	5.6	1.1	0	5
12/12/2018	23:45	1.2	1.2	1.2	89	-0.4	5	S	0.42	9	SSE	-1.3	1.1	-1.4	-3.3	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	0.0	5.6	1.1	0	5
12/12/2018	23:50	1.2	1.2	1.2	89	-0.4	5	SSE	0.42	10	SSE	-1.3	1.1	-1.4	-3.3	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	0.0	5.6	1.1	0	5
12/12/2018	23:55	1.3	1.3	1.2	89	-0.3	4	SE	0.33	10	SE	-0.7	1.2	-0.8	-2.7	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	0.6	5.6	1.7	0	5
13/12/2018	00:00	1.3	1.3	1.3	89	-0.3	6	SSE	0.50	11	SE	-1.6	1.2	-1.7	-3.6	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	0.6	5.6	1.7	0	5
13/12/2018	00:05	1.4	1.4	1.3	89	-0.2	5	SSE	0.42	12	S	-1.1	1.3	-1.2	-3.1	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	0.6	5.6	1.7	0	5
13/12/2018	00:10	1.4	1.4	1.4	89	-0.2	4	SSE	0.33	9	SSE	-0.5	1.3	-0.6	-2.5	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	0.6	5.6	1.7	0	5
13/12/2018	00:15	1.6	1.6	1.4	89	-0.1	7	SSE	0.58	12	SE	-1.7	1.5	-1.8	-3.7	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	0.6	5.6	1.7	0	5
13/12/2018	00:20	1.6	1.6	1.6	89	0.0	4	SSE	0.33	12	SSE	-0.3	1.6	-0.4	-2.3	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	0.6	5.6	1.7	0	5
13/12/2018	00:25	1.7	1.7	1.6	89	0.0	4	S	0.33	9	SSW	-0.3	1.6	-0.3	-2.2	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	1.7	0	5
13/12/2018	00:30	1.7	1.7	1.7	89	0.1	3	S	0.25	7	SE	0.4	1.7	0.4	-1.4	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	1.7	0	5
13/12/2018	00:35	1.8	1.8	1.7	89	0.2	4	SSW	0.33	9	SSE	-0.1	1.7	-0.2	-2.0	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	00:40	1.8	1.8	1.7	89	0.2	5	SE	0.42	10	SE	-0.7	1.7	-0.7	-2.6	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	00:45	1.8	1.9	1.8	89	0.2	4	S	0.33	7	SSE	-0.1	1.8	-0.1	-1.9	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	00:50	1.9	1.9	1.8	89	0.3	4	SE	0.33	11	SE	0.0	1.8	-0.1	-1.9	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	00:55	2.0	2.0	1.9	89	0.4	6	SE	0.50	11	SE	-0.8	1.9	-0.9	-2.7	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	01:00	2.1	2.1	2.0	89	0.4	6	SSE	0.50	11	SE	-0.8	2.0	-0.8	-2.7	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	01:05	2.1	2.1	2.1	89	0.5	5	SE	0.42	11	SE	-0.3	2.1	-0.3	-2.2	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	01:10	2.2	2.2	2.1	89	0.5	7	SSE	0.58	13	SSE	-1.0	2.1	-1.1	-2.9	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	01:15	2.2	2.2	2.1	89	0.5	6	SSE	0.50	13	SSE	-0.6	2.1	-0.7	-2.5	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	01:20	2.2	2.2	2.2	89	0.5	4	SSE	0.33	7	SSE	0.3	2.1	0.3	-1.6	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	01:25	2.2	2.2	2.2	89	0.6	4	SE	0.33	10	SE	0.4	2.2	0.3	-1.5	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	01:30	2.2	2.3	2.2	89	0.6	6	SE	0.50	11	SE	-0.6	2.2	-0.6	-2.4	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.2	0	5
13/12/2018	01:35	2.3	2.3	2.2	89	0.7	6	SE	0.50	10	ESE	-0.5	2.2	-0.6	-2.4	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.2	0	5
13/12/2018	01:40	2.3	2.3	2.3	89	0.7	4	SE	0.33	8	ESE	0.5	2.3	0.4	-1.4	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.2	0	5
13/12/2018	01:45	2.4	2.4	2.3	89	0.8	7	SE	0.58	12	SSE	-0.7	2.3	-0.8	-2.6	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.2	0	5
13/12/2018	01:50	2.4	2.4	2.4	90	0.9	6	SE	0.50	10	SSE	-0.3	2.3	-0.4	-2.2	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.2	0	5
13/12/2018	01:55	2.4	2.4	2.4	90	1.0	5	SE	0.42	13	SE	0.1	2.4	0.1	-1.8	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.2	0	5
13/12/2018	02:00	2.4	2.5	2.4	90	1.0	5	SE	0.42	11	SE	0.1	2.4	0.1	-1.8	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.2	0	5
13/12/2018	02:05	2.5	2.5	2.4	90	1.0	5	ESE	0.42	10	SE	0.2	2.4	0.2	-1.7	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	02:10	2.6	2.6	2.5	90	1.1	4	ESE	0.33	9	SE	0.8	2.5	0.7	-1.1	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	02:15	2.6	2.6	2.6	90	1.1	6	SE	0.50	10	SSE	-0.2	2.5	-0.2	-2.1	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	02:20	2.6	2.6	2.6	90	1.1	6	SE	0.50	11	SE	-0.2	2.5	-0.2	-2.1	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
13/12/2018	02:25	2.6	2.6	2.6	90	1.1	7	SE	0.58	14	SE	-0.4	2.6	-0.5	-2.3	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	02:30	2.6	2.6	2.6	90	1.1	5	SSE	0.42	12	SSE	0.3	2.6	0.3	-1.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	02:35	2.7	2.7	2.6	90	1.2	6	SE	0.50	12	SSE	-0.1	2.6	-0.1	-1.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	02:40	2.7	2.7	2.7	90	1.2	6	SE	0.50	11	SE	-0.1	2.6	-0.1	-1.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	02:45	2.7	2.7	2.7	90	1.2	8	SE	0.67	16	SE	-0.7	2.7	-0.7	-2.4	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	02:50	2.8	2.8	2.7	90	1.3	9	SE	0.75	16	SE	-0.9	2.7	-0.9	-2.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	02:55	2.9	2.9	2.8	90	1.4	11	SE	0.92	17	SE	-1.3	2.8	-1.3	-2.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:00	2.9	2.9	2.9	90	1.4	8	SE	0.67	17	SE	-0.4	2.8	-0.5	-2.2	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:05	2.9	2.9	2.9	90	1.5	8	SE	0.67	17	SSE	-0.4	2.9	-0.4	-2.2	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:10	3.0	3.0	2.9	89	1.4	9	SSE	0.75	18	SSE	-0.6	2.9	-0.7	-2.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:15	3.1	3.1	3.0	88	1.3	8	SSE	0.67	16	SSE	-0.3	3.0	-0.3	-2.1	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:20	3.1	3.1	3.1	88	1.3	7	SSE	0.58	16	S	0.1	3.0	0.0	-1.8	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:25	3.1	3.1	3.1	88	1.3	8	SSE	0.67	15	SE	-0.2	3.1	-0.2	-1.9	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:30	3.1	3.1	3.1	87	1.2	6	ESE	0.50	13	SSE	0.5	3.0	0.4	-1.4	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:35	3.2	3.2	3.1	87	1.2	9	SSE	0.75	16	S	-0.4	3.1	-0.5	-2.2	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:40	3.2	3.2	3.1	86	1.0	6	SSE	0.50	14	SSE	0.6	3.1	0.4	-1.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:45	3.2	3.2	3.2	86	1.0	8	SSE	0.67	15	SSE	-0.1	3.1	-0.2	-1.9	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:50	3.2	3.2	3.2	86	1.0	7	SSE	0.58	14	SSE	0.2	3.1	0.1	-1.7	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	03:55	3.2	3.2	3.2	86	1.0	9	SE	0.75	16	SE	-0.4	3.1	-0.5	-2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	04:00	3.2	3.2	3.2	86	1.0	8	SE	0.67	16	SSE	-0.1	3.1	-0.2	-1.9	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	04:05	3.2	3.2	3.2	86	1.0	9	SE	0.75	15	SE	-0.4	3.1	-0.5	-2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	04:10	3.2	3.2	3.2	86	1.0	8	SE	0.67	14	SE	-0.1	3.1	-0.2	-1.9	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	04:15	3.2	3.2	3.2	86	1.0	6	SE	0.50	12	SE	0.6	3.1	0.4	-1.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	04:20	3.2	3.2	3.2	86	1.0	9	SE	0.75	19	SE	-0.4	3.1	-0.5	-2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	04:25	3.2	3.2	3.2	86	1.0	10	SE	0.83	18	SE	-0.7	3.1	-0.8	-2.4	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	04:30	3.2	3.2	3.2	86	1.0	9	SE	0.75	17	SSE	-0.4	3.1	-0.5	-2.2	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	04:35	3.2	3.2	3.2	86	1.0	9	SE	0.75	17	SE	-0.4	3.1	-0.5	-2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	04:40	3.1	3.2	3.1	86	1.0	8	SE	0.67	16	SE	-0.2	3.0	-0.3	-2.0	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	04:45	3.1	3.2	3.1	86	1.0	6	SSE	0.50	12	SSE	0.5	3.0	0.4	-1.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	04:50	3.1	3.1	3.1	86	1.0	9	SE	0.75	15	SE	-0.5	3.0	-0.6	-2.3	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	04:55	3.1	3.1	3.1	86	0.9	7	SE	0.58	12	SSE	0.1	2.9	-0.1	-1.9	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	05:00	3.1	3.1	3.1	86	0.9	6	SE	0.50	13	SE	0.4	2.9	0.3	-1.5	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	05:05	3.1	3.1	3.0	86	0.9	7	SSE	0.58	12	ESE	0.1	2.9	-0.1	-1.9	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	05:10	3.1	3.1	3.0	86	0.9	8	SE	0.67	17	SE	-0.3	2.9	-0.4	-2.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	05:15	3.0	3.1	3.0	86	0.9	8	SE	0.67	17	SE	-0.3	2.9	-0.4	-2.2	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	05:20	3.0	3.0	2.9	86	0.9	8	SE	0.67	16	SE	-0.3	2.9	-0.4	-2.2	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	05:25	2.9	3.0	2.9	86	0.8	8	SE	0.67	15	ESE	-0.4	2.8	-0.5	-2.2	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	05:30	2.9	2.9	2.9	86	0.8	9	SE	0.75	16	SE	-0.7	2.8	-0.8	-2.4	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	05:35	2.9	2.9	2.9	86	0.8	7	SE	0.58	16	SE	-0.1	2.8	-0.2	-2.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	05:40	2.9	2.9	2.9	86	0.8	7	SE	0.58	16	SE	-0.1	2.8	-0.2	-2.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	05:45	2.9	2.9	2.9	86	0.8	6	SE	0.50	12	S	0.2	2.8	0.1	-1.7	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	05:50	2.9	2.9	2.9	86	0.8	8	SE	0.67	19	ESE	-0.4	2.8	-0.6	-2.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
13/12/2018	05:55	2.9	2.9	2.9	86	0.8	7	SE	0.58	13	SE	-0.1	2.8	-0.2	-2.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	06:00	2.9	2.9	2.9	86	0.8	7	SE	0.58	15	SE	-0.1	2.8	-0.2	-2.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	06:05	2.9	2.9	2.9	86	0.8	7	SE	0.58	15	SE	-0.1	2.8	-0.2	-2.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	06:10	2.8	2.9	2.8	85	0.6	8	SSE	0.67	15	SSE	-0.5	2.7	-0.6	-2.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	06:15	2.8	2.8	2.8	85	0.6	7	SE	0.58	13	SSE	-0.2	2.7	-0.3	-2.2	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.6	2.8	0	5
13/12/2018	06:20	2.8	2.8	2.8	85	0.5	8	SE	0.67	19	SSE	-0.6	2.7	-0.7	-2.4	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.6	2.8	0	5
13/12/2018	06:25	2.8	2.8	2.8	85	0.5	7	SE	0.58	16	ESE	-0.3	2.7	-0.4	-2.2	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.6	2.8	0	5
13/12/2018	06:30	2.8	2.8	2.8	85	0.5	9	SE	0.75	18	SE	-0.9	2.7	-1.0	-2.7	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	06:35	2.8	2.8	2.8	85	0.6	8	SE	0.67	16	ESE	-0.5	2.7	-0.6	-2.3	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	06:40	2.8	2.8	2.8	85	0.6	7	SE	0.58	13	ESE	-0.2	2.7	-0.3	-2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	06:45	2.8	2.9	2.8	85	0.6	8	SE	0.67	14	SE	-0.5	2.7	-0.6	-2.3	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	06:50	2.9	2.9	2.8	85	0.6	6	SE	0.50	15	SE	0.2	2.8	0.1	-1.7	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	06:55	2.9	2.9	2.9	85	0.6	8	SE	0.67	15	SE	-0.4	2.8	-0.6	-2.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:00	2.9	2.9	2.9	85	0.7	9	SE	0.75	19	SE	-0.7	2.8	-0.8	-2.4	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:05	2.9	2.9	2.9	85	0.7	7	SSE	0.58	13	SE	-0.1	2.8	-0.2	-2.0	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:10	2.9	2.9	2.9	84	0.5	7	SE	0.58	14	SE	-0.1	2.8	-0.2	-2.0	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:15	2.9	2.9	2.9	84	0.5	7	SE	0.58	13	SE	-0.1	2.8	-0.2	-2.0	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:20	2.9	3.0	2.9	84	0.5	6	SSE	0.50	12	SSE	0.3	2.8	0.2	-1.7	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:25	3.0	3.0	2.9	84	0.6	8	SSE	0.67	15	SSE	-0.3	2.9	-0.4	-2.2	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:30	3.0	3.0	2.9	84	0.6	7	SE	0.58	13	SE	0.0	2.9	-0.1	-1.9	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:35	3.0	3.0	2.9	84	0.6	6	SE	0.50	13	SE	0.4	2.9	0.3	-1.6	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:40	3.0	3.0	3.0	84	0.6	7	SE	0.58	15	ESE	0.0	2.9	-0.1	-1.9	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:45	3.0	3.0	3.0	84	0.6	7	SSE	0.58	13	SSE	0.0	2.9	-0.1	-1.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:50	2.9	3.0	2.9	84	0.5	7	SE	0.58	11	SSE	-0.1	2.8	-0.2	-2.0	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	07:55	2.9	3.0	2.9	84	0.5	7	SE	0.58	15	SE	-0.1	2.8	-0.2	-2.0	30.04	0.0	0.0	3	0.02	5	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	08:00	2.9	3.0	2.9	84	0.5	4	SSE	0.33	8	SSE	1.2	2.8	1.1	-0.7	30.04	0.0	0.0	7	0.05	9	0	0.00	0.00	0.05	0.00	0.03	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	08:05	2.9	2.9	2.9	84	0.5	7	SSE	0.58	14	SSE	-0.1	2.8	-0.2	-1.9	30.04	0.0	0.0	9	0.06	9	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	08:10	2.8	2.9	2.8	84	0.4	6	SE	0.50	13	SSE	0.2	2.7	0.1	-1.7	30.04	0.0	0.0	9	0.06	9	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	08:15	2.8	2.9	2.8	84	0.3	5	SSE	0.42	11	ESE	0.5	2.7	0.4	-1.4	30.04	0.0	0.0	7	0.05	9	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	08:20	2.8	2.8	2.8	84	0.3	7	SSE	0.58	12	SE	-0.3	2.7	-0.4	-2.2	30.05	0.0	0.0	7	0.05	9	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.6	2.8	0	5
13/12/2018	08:25	2.7	2.8	2.7	84	0.3	5	SE	0.42	9	SSE	0.4	2.6	0.3	-1.4	30.04	0.0	0.0	11	0.08	11	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	08:30	2.7	2.7	2.7	85	0.4	5	SSE	0.42	14	ESE	0.4	2.6	0.3	-1.4	30.05	0.0	0.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	08:35	2.6	2.7	2.6	85	0.3	7	SE	0.58	15	SE	-0.4	2.5	-0.6	-2.2	30.05	0.0	0.0	14	0.10	14	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.2	0	5
13/12/2018	08:40	2.6	2.6	2.6	85	0.3	7	SE	0.58	12	ESE	-0.4	2.5	-0.6	-2.2	30.05	0.0	0.0	14	0.10	16	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.1	5.6	2.8	0	5
13/12/2018	08:45	2.6	2.6	2.6	86	0.5	5	SE	0.42	13	SE	0.3	2.5	0.2	-1.4	30.05	0.0	0.0	16	0.11	16	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	08:50	2.6	2.6	2.6	86	0.5	6	SE	0.50	11	SSE	-0.1	2.5	-0.2	-1.8	30.05	0.0	0.0	18	0.13	21	0	0.00	0.00	0.06	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	08:55	2.7	2.7	2.6	86	0.6	7	SE	0.58	12	SE	-0.4	2.6	-0.5	-1.9	30.06	0.0	0.0	28	0.20	37	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	09:00	2.7	2.7	2.7	86	0.6	7	SE	0.58	11	SSE	-0.4	2.6	-0.5	-1.9	30.06	0.0	0.0	29	0.21	39	0	0.00	0.00	0.05	0.00	0.03	55	3.9	1.7	5.6	2.8	0	5
13/12/2018	09:05	2.7	2.7	2.7	86	0.6	5	SSE	0.42	13	SE	0.4	2.6	0.3	-1.2	30.06	0.0	0.0	26	0.19	26	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	09:10	2.7	2.7	2.7	86	0.6	4	SE	0.33	10	SE	0.9	2.6	0.8	-0.6	30.06	0.0	0.0	30	0.22	32	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	09:15	2.7	2.8	2.7	86	0.6	5	SSE	0.42	11	SSE	0.4	2.6	0.3	-1.1	30.06	0.0	0.0	32	0.23	35	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	09:20	2.8	2.8	2.7	86	0.7	4	SSE	0.33	9	SE	1.1	2.7	0.9	-0.5	30.06	0.0	0.0	29	0.21	35	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
13/12/2018	09:25	2.8	2.8	2.7	87	0.8	6	SSE	0.50	12	SSE	0.1	2.7	0.0	-1.4	30.06	0.0	0.0	35	0.25	37	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	09:30	2.8	2.8	2.8	87	0.8	3	SSE	0.25	10	ESE	1.7	2.7	1.6	0.2	30.06	0.0	0.0	34	0.24	35	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	09:35	2.8	2.8	2.8	87	0.9	6	SE	0.50	11	SSE	0.2	2.7	0.1	-1.3	30.07	0.0	0.0	40	0.29	46	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	2.8	0	5
13/12/2018	09:40	2.8	2.8	2.8	87	0.9	3	S	0.25	8	SSE	1.7	2.7	1.6	0.5	30.07	0.0	0.0	54	0.39	56	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	09:45	2.8	2.8	2.8	87	0.9	5	SSE	0.42	13	SSW	0.6	2.7	0.5	-0.5	30.07	0.0	0.0	62	0.44	65	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.8	5.6	3.3	0	5
13/12/2018	09:50	2.8	2.9	2.8	87	0.9	6	SE	0.50	13	ESE	0.2	2.7	0.1	-0.8	30.06	0.0	0.0	74	0.53	83	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.8	5.6	3.3	0	5
13/12/2018	09:55	2.8	2.9	2.8	87	0.9	8	SSE	0.67	16	SE	-0.5	2.7	-0.6	-0.3	30.06	0.0	0.0	79	0.57	83	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.8	5.6	3.3	0	5
13/12/2018	10:00	2.8	2.8	2.8	87	0.9	6	SSE	0.50	12	SE	0.2	2.7	0.1	0.3	30.07	0.0	0.0	72	0.52	74	0	0.00	0.00	0.05	0.00	0.03	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:05	2.8	2.8	2.8	87	0.8	6	SSE	0.50	10	SE	0.1	2.7	0.0	0.2	30.06	0.0	0.0	70	0.50	74	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:10	2.8	2.8	2.8	87	0.8	5	SE	0.42	12	SE	0.5	2.7	0.4	0.7	30.07	0.0	0.0	74	0.53	77	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:15	2.8	2.8	2.8	87	0.9	6	SE	0.50	16	SE	0.2	2.7	0.1	0.4	30.06	0.0	0.0	74	0.53	77	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:20	2.8	2.9	2.8	87	0.9	7	SE	0.58	10	SE	-0.2	2.7	-0.3	0.1	30.07	0.0	0.0	76	0.54	97	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:25	2.9	2.9	2.9	87	0.9	5	SSE	0.42	10	SE	0.7	2.8	0.6	0.9	30.07	0.0	0.0	76	0.54	88	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:30	2.9	2.9	2.9	87	0.9	7	SSE	0.58	14	SSE	-0.1	2.8	-0.2	0.1	30.06	0.0	0.0	73	0.52	76	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:35	2.9	2.9	2.9	87	0.9	8	SE	0.67	14	SSE	-0.4	2.8	-0.6	-0.3	30.07	0.0	0.0	68	0.49	74	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:40	2.9	2.9	2.9	87	0.9	5	SE	0.42	9	SSE	0.7	2.8	0.6	0.8	30.07	0.0	0.0	69	0.49	72	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:45	2.9	2.9	2.9	87	1.0	5	SE	0.42	11	SSE	0.7	2.8	0.6	1.3	30.07	0.0	0.0	93	0.67	105	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:50	2.9	2.9	2.9	87	1.0	4	SE	0.33	9	ESE	1.2	2.8	1.1	1.8	30.07	0.0	0.0	91	0.65	95	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	10:55	3.0	3.0	3.0	87	1.0	4	SSE	0.33	10	SSE	1.3	2.9	1.2	1.6	30.07	0.0	0.0	80	0.57	90	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	11:00	3.1	3.1	3.0	87	1.1	6	SE	0.50	10	SE	0.4	2.9	0.3	0.6	30.07	0.0	0.0	70	0.50	77	0	0.00	0.00	0.05	0.00	0.05	55	3.9	2.2	5.6	3.3	0	5
13/12/2018	11:05	3.2	3.2	3.1	86	1.0	4	ESE	0.33	9	SE	1.5	3.1	1.4	1.6	30.07	0.0	0.0	70	0.50	76	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	3.9	0	5
13/12/2018	11:10	3.3	3.3	3.2	86	1.2	6	SE	0.50	14	SE	0.7	3.2	0.6	1.4	30.07	0.0	0.0	96	0.69	123	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	4.4	0	5
13/12/2018	11:15	3.3	3.3	3.3	86	1.2	6	SE	0.50	12	SE	0.8	3.2	0.7	1.5	30.07	0.0	0.0	96	0.69	137	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	5.0	0	5
13/12/2018	11:20	3.4	3.4	3.3	86	1.3	7	SE	0.58	14	SSE	0.6	3.3	0.4	1.9	30.06	0.0	0.0	130	0.93	153	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	5.0	0	5
13/12/2018	11:25	3.4	3.5	3.4	85	1.2	6	SSE	0.50	13	SE	0.9	3.3	0.8	1.6	30.07	0.0	0.0	95	0.68	134	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	4.4	0	5
13/12/2018	11:30	3.5	3.6	3.5	85	1.2	6	SE	0.50	19	SSE	0.9	3.4	0.8	1.7	30.07	0.0	0.0	100	0.72	107	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	5.0	0	5
13/12/2018	11:35	3.6	3.6	3.6	85	1.3	7	SE	0.58	14	SE	0.7	3.5	0.6	1.4	30.06	0.0	0.0	96	0.69	109	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	5.0	0	5
13/12/2018	11:40	3.7	3.7	3.7	85	1.4	6	SE	0.50	12	SE	1.2	3.6	1.1	1.5	30.06	0.0	0.0	81	0.58	104	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.6	5.0	0	5
13/12/2018	11:45	3.8	3.8	3.7	84	1.3	7	SE	0.58	13	SE	0.9	3.7	0.8	1.7	30.06	0.0	0.0	98	0.70	118	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.2	5.0	5.0	0	5
13/12/2018	11:50	3.8	3.8	3.8	84	1.4	6	SE	0.50	10	SSE	1.3	3.7	1.2	2.3	30.06	0.0	0.0	108	0.77	134	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.8	5.0	5.0	0	5
13/12/2018	11:55	3.9	3.9	3.8	84	1.4	6	SSE	0.50	14	ESE	1.4	3.8	1.3	2.2	30.06	0.0	0.0	98	0.70	127	0	0.00	0.00	0.05	0.00	0.00	55	3.9	2.8	5.0	4.4	0	5
13/12/2018	12:00	4.0	4.0	3.9	84	1.5	9	SE	0.75	13	SE	0.6	3.9	0.5	1.4	30.06	0.0	0.0	105	0.75	111	0	0.00	0.00	0.05	0.00	0.05	55	3.9	3.3	5.0	4.4	0	5
13/12/2018	12:05	4.2	4.2	4.0	83	1.5	7	SSE	0.58	15	SSE	1.4	4.1	1.3	2.6	30.06	0.0	0.0	123	0.88	146	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.9	5.0	5.0	0	5
13/12/2018	12:10	4.3	4.3	4.2	83	1.7	8	SE	0.67	14	SSE	1.3	4.2	1.2	2.5	30.06	0.0	0.0	125	0.90	141	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.9	5.0	5.0	0	5
13/12/2018	12:15	4.4	4.4	4.3	82	1.6	7	SE	0.58	13	SSE	1.7	4.3	1.6	2.6	30.06	0.0	0.0	105	0.75	111	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.9	5.0	5.0	0	5
13/12/2018	12:20	4.4	4.4	4.4	82	1.6	8	SE	0.67	16	SE	1.4	4.3	1.3	1.9	30.06	0.0	0.0	89	0.64	95	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.9	5.0	5.0	0	5
13/12/2018	12:25	4.4	4.4	4.4	82	1.6	7	SE	0.58	16	SE	1.7	4.3	1.6	2.1	30.06	0.0	0.0	85	0.61	102	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.9	5.0	5.0	0	5
13/12/2018	12:30	4.4	4.5	4.4	82	1.6	6	SSE	0.50	16	SE	2.1	4.3	1.9	2.6	30.07	0.0	0.0	91	0.65	95	0	0.00	0.00	0.05	0.00	0.00	54	3.9	3.9	5.0	5.0	0	5
13/12/2018	12:35	4.4	4.4	4.4	82	1.6	8	SE	0.67	15	SE	1.4	4.3	1.3	2.4	30.07	0.0	0.0	116	0.83	165	0	0.00	0.00	0.05	0.00	0.00	54	3.9	3.9	5.0	5.0	0	5
13/12/2018	12:40	4.4	4.4	4.4	81	1.5	10	SE	0.83	18	SE	0.9	4.3	0.7	1.6	30.06	0.0	0.0	104	0.75	118	0	0.00	0.00	0.05	0.00	0.00	54	3.9	3.9	5.0	5.0	0	5
13/12/2018	12:45	4.5	4.5	4.4	81	1.5	8	SE	0.67	14	SSE	1.5	4.3	1.3	3.2	30.06	0.0	0.0	154	1.10	192	0	0.00	0.00	0.05	0.00	0.00	54	3.9	3.9	5.0	5.0	0	5
13/12/2018	12:50	4.7	4.7	4.5	81	1.7	11	SSE	0.92	18	SSE	0.9	4.5	0.8	2.6	30.06	0.0	0.0	167	1.20	216	0	0.00	0.00	0.05	0.00	0.00	54	3.9	3.9	5.0	5.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
13/12/2018	12:55	4.8	4.8	4.7	80	1.7	8	SE	0.67	17	SE	1.9	4.7	1.7	3.8	30.06	0.0	0.0	167	1.20	218	0	0.00	0.00	0.05	0.00	0.00	54	3.9	3.9	5.0	5.6	0	5
13/12/2018	13:00	4.8	4.8	4.8	79	1.5	9	SE	0.75	24	SSE	1.6	4.7	1.4	2.9	30.07	0.0	0.0	138	0.99	167	0	0.00	0.00	0.05	0.00	0.08	54	3.9	3.9	5.0	5.6	0	5
13/12/2018	13:05	4.8	4.8	4.8	80	1.6	8	SSE	0.67	16	SSE	1.8	4.6	1.7	2.9	30.07	0.0	0.0	121	0.87	162	0	0.00	0.00	0.05	0.00	0.00	54	3.9	3.9	5.0	5.6	0	5
13/12/2018	13:10	4.8	4.8	4.8	79	1.4	10	SE	0.83	17	SE	1.3	4.6	1.1	2.5	30.06	0.0	0.0	134	0.96	176	0	0.00	0.00	0.05	0.00	0.00	54	3.9	3.9	5.0	5.0	0	5
13/12/2018	13:15	4.8	4.8	4.7	79	1.4	11	SE	0.92	21	SE	1.1	4.6	0.9	1.9	30.06	0.0	0.0	114	0.82	130	0	0.00	0.00	0.05	0.00	0.00	54	3.9	3.9	5.0	5.6	0	5
13/12/2018	13:20	4.8	4.8	4.8	80	1.6	9	ESE	0.75	19	S	1.6	4.6	1.4	2.2	30.06	0.0	0.0	97	0.70	109	0	0.00	0.00	0.05	0.00	0.00	54	4.4	3.9	5.0	5.0	0	5
13/12/2018	13:25	4.8	4.8	4.8	80	1.6	8	SE	0.67	18	SSE	1.8	4.6	1.7	2.0	30.07	0.0	0.0	75	0.54	91	0	0.00	0.00	0.05	0.00	0.00	54	4.4	3.9	5.0	5.0	0	5
13/12/2018	13:30	4.6	4.8	4.6	80	1.5	10	SE	0.83	19	SE	1.1	4.4	0.9	0.7	30.07	0.0	0.0	49	0.35	65	0	0.00	0.00	0.05	0.00	0.00	54	4.4	3.9	5.0	4.4	0	5
13/12/2018	13:35	4.5	4.6	4.5	80	1.3	7	SE	0.58	12	ESE	1.8	4.3	1.6	1.1	30.07	0.0	0.0	39	0.28	47	0	0.00	0.00	0.05	0.00	0.00	54	4.4	3.3	5.0	4.4	0	5
13/12/2018	13:40	4.4	4.4	4.4	81	1.4	8	SE	0.67	17	SSE	1.4	4.2	1.2	0.8	30.07	0.0	0.0	41	0.29	44	0	0.00	0.00	0.05	0.00	0.00	54	4.4	2.8	5.0	4.4	0	5
13/12/2018	13:45	4.3	4.3	4.3	81	1.3	6	SE	0.50	13	SSE	1.9	4.1	1.7	1.6	30.07	0.0	0.0	51	0.37	54	0	0.00	0.00	0.05	0.00	0.00	54	4.4	3.3	5.0	4.4	0	5
13/12/2018	13:50	4.3	4.3	4.2	82	1.5	8	SE	0.67	17	SE	1.2	4.1	1.1	0.6	30.07	0.0	0.0	41	0.29	49	0	0.00	0.00	0.05	0.00	0.00	54	4.4	3.3	5.0	4.4	0	5
13/12/2018	13:55	4.2	4.3	4.2	82	1.4	5	SSE	0.42	9	SE	2.2	4.0	2.0	1.3	30.07	0.0	0.0	33	0.24	39	0	0.00	0.00	0.05	0.00	0.00	54	4.4	2.8	5.0	3.9	0	5
13/12/2018	14:00	4.1	4.2	4.1	82	1.3	7	SE	0.58	17	SE	1.3	3.9	1.1	0.3	30.06	0.0	0.0	26	0.19	28	0	0.00	0.00	0.05	0.00	0.05	54	4.4	2.8	5.0	3.9	0	5
13/12/2018	14:05	4.0	4.1	4.0	82	1.2	9	SE	0.75	15	ESE	0.6	3.8	0.4	-0.3	30.06	0.0	0.0	27	0.19	28	0	0.00	0.00	0.05	0.00	0.00	55	4.4	2.2	5.0	3.9	0	5
13/12/2018	14:10	3.9	4.0	3.9	83	1.3	7	SE	0.58	14	SE	1.2	3.8	1.1	0.3	30.06	0.0	0.0	27	0.19	28	0	0.00	0.00	0.05	0.00	0.00	55	4.4	2.2	5.0	3.9	0	5
13/12/2018	14:15	3.8	3.9	3.8	83	1.2	5	SE	0.42	10	SE	1.8	3.7	1.7	0.8	30.06	0.0	0.0	24	0.17	25	0	0.00	0.00	0.05	0.00	0.00	55	4.4	2.2	5.0	3.9	0	5
13/12/2018	14:20	3.7	3.8	3.7	84	1.3	5	SE	0.42	11	ESE	1.6	3.6	1.5	0.7	30.06	0.0	0.0	25	0.18	25	0	0.00	0.00	0.05	0.00	0.00	55	4.4	2.2	5.0	3.3	0	5
13/12/2018	14:25	3.7	3.7	3.7	84	1.2	6	SE	0.50	12	SE	1.2	3.6	1.1	0.2	30.06	0.0	0.0	23	0.16	23	0	0.00	0.00	0.05	0.00	0.00	55	4.4	1.7	5.0	3.3	0	5
13/12/2018	14:30	3.7	3.7	3.7	84	1.2	10	SE	0.83	16	SSE	-0.1	3.6	-0.2	-0.9	30.06	0.0	0.0	23	0.16	26	0	0.00	0.00	0.05	0.00	0.00	55	4.4	2.2	5.0	3.9	0	5
13/12/2018	14:35	3.7	3.7	3.7	84	1.3	6	SE	0.50	10	ESE	1.2	3.6	1.1	0.2	30.06	0.0	0.0	23	0.16	25	0	0.00	0.00	0.05	0.00	0.00	55	4.4	1.7	5.0	3.9	0	5
13/12/2018	14:40	3.7	3.7	3.7	84	1.2	4	ESE	0.33	9	ESE	2.1	3.6	1.9	0.4	30.06	0.0	0.0	21	0.15	21	0	0.00	0.00	0.05	0.00	0.00	55	4.4	1.7	5.0	3.3	0	5
13/12/2018	14:45	3.6	3.7	3.6	85	1.3	4	ESE	0.33	9	SE	2.0	3.5	1.9	0.3	30.07	0.0	0.0	21	0.15	23	0	0.00	0.00	0.05	0.00	0.00	55	4.4	1.7	5.0	3.3	0	5
13/12/2018	14:50	3.6	3.6	3.6	85	1.3	4	SE	0.33	10	SE	2.0	3.5	1.9	0.4	30.07	0.0	0.0	25	0.18	25	0	0.00	0.00	0.05	0.00	0.00	55	4.4	1.7	5.0	3.3	0	5
13/12/2018	14:55	3.6	3.6	3.6	85	1.3	5	SE	0.42	12	E	1.4	3.4	1.3	-0.2	30.07	0.0	0.0	21	0.15	25	0	0.00	0.00	0.05	0.00	0.00	55	4.4	1.7	5.0	3.3	0	5
13/12/2018	15:00	3.6	3.6	3.6	85	1.3	2	SSE	0.17	5	ESE	3.3	3.4	3.2	1.7	30.07	0.0	0.0	20	0.14	21	0	0.00	0.00	0.05	0.00	0.03	55	4.4	1.7	5.0	3.3	0	5
13/12/2018	15:05	3.4	3.6	3.4	86	1.3	4	SSE	0.33	8	S	1.8	3.3	1.7	0.1	30.07	0.0	0.0	15	0.11	16	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.0	3.3	0	5
13/12/2018	15:10	3.4	3.4	3.4	86	1.3	5	SSE	0.42	9	SSE	1.3	3.3	1.2	-0.4	30.07	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.0	2.8	0	5
13/12/2018	15:15	3.4	3.4	3.4	86	1.3	4	SSE	0.33	9	ESE	1.7	3.3	1.6	-0.1	30.07	0.0	0.0	11	0.08	12	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.0	2.8	0	5
13/12/2018	15:20	3.3	3.4	3.3	86	1.2	3	SSE	0.25	7	SSE	2.3	3.2	2.2	0.5	30.07	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	55	3.9	1.1	5.0	2.8	0	5
13/12/2018	15:25	3.3	3.3	3.3	86	1.2	2	SSE	0.17	6	ESE	3.1	3.2	2.9	1.2	30.08	0.0	0.0	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	55	3.9	0.6	5.0	2.8	0	5
13/12/2018	15:30	3.2	3.3	3.2	86	1.1	4	SSE	0.33	9	SSE	1.6	3.1	1.4	-0.3	30.08	0.0	0.0	9	0.06	9	0	0.00	0.00	0.05	0.00	0.00	55	3.9	0.6	5.0	2.8	0	5
13/12/2018	15:35	3.2	3.2	3.2	86	1.0	3	SE	0.25	6	SE	2.1	3.1	2.0	0.2	30.08	0.0	0.0	7	0.05	7	0	0.00	0.00	0.05	0.00	0.00	55	3.9	0.6	5.0	2.2	0	5
13/12/2018	15:40	3.1	3.2	3.1	86	0.9	3	SE	0.25	6	SE	1.9	2.9	1.8	0.1	30.08	0.0	0.0	4	0.03	5	0	0.00	0.00	0.05	0.00	0.00	55	3.9	0.6	5.0	2.2	0	5
13/12/2018	15:45	3.0	3.1	3.0	87	1.0	3	SSE	0.25	5	S	1.9	2.9	1.8	-0.1	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	0.6	5.0	2.2	0	5
13/12/2018	15:50	2.9	3.0	2.9	87	0.9	4	SSE	0.33	8	ESE	1.2	2.8	1.1	-0.8	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	0.6	5.0	2.2	0	5
13/12/2018	15:55	2.8	2.9	2.8	87	0.9	4	SSE	0.33	10	SE	1.1	2.7	1.0	-0.8	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	0.6	5.0	2.2	0	5
13/12/2018	16:00	2.8	2.8	2.7	87	0.8	4	SE	0.33	11	SE	1.1	2.7	0.9	-0.9	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	0.6	5.0	2.2	0	5
13/12/2018	16:05	2.7	2.7	2.7	87	0.7	3	SE	0.25	7	SE	1.5	2.6	1.4	-0.4	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	0.0	5.0	2.2	0	5
13/12/2018	16:10	2.6	2.7	2.6	88	0.8	4	SE	0.33	9	SE	0.8	2.6	0.8	-1.1	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	3.9	0.0	5.0	2.2	0	5
13/12/2018	16:15	2.6	2.6	2.6	88	0.8	4	SE	0.33	10	ESE	0.8	2.5	0.7	-1.1	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	3.9	0.0	5.0	1.7	0	5
13/12/2018	16:20	2.5	2.6	2.5	88	0.7	3	SSE	0.25	8	SSE	1.3	2.4	1.3	-0.6	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	3.9	0.0	5.0	1.7	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
13/12/2018	16:25	2.4	2.5	2.4	88	0.7	3	SSE	0.25	9	SE	1.3	2.4	1.2	-0.6	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	3.9	0.0	5.0	1.7	1	5
13/12/2018	16:30	2.4	2.4	2.3	89	0.8	3	SE	0.25	7	SE	1.2	2.3	1.2	-0.7	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	3.9	0.0	5.0	1.7	1	5
13/12/2018	16:35	2.3	2.4	2.3	89	0.7	4	SE	0.33	9	SE	0.4	2.2	0.4	-1.4	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	3.9	0.0	5.0	1.7	1	5
13/12/2018	16:40	2.3	2.3	2.3	89	0.7	4	SE	0.33	10	SE	0.4	2.2	0.4	-1.4	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	3.9	0.0	5.0	1.7	1	5
13/12/2018	16:45	2.2	2.3	2.2	89	0.6	3	SSE	0.25	7	SE	1.0	2.2	0.9	-0.9	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	3.9	0.0	5.0	1.7	1	5
13/12/2018	16:50	2.2	2.2	2.2	89	0.5	3	SSE	0.25	7	SSE	0.9	2.1	0.9	-1.0	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	56	3.9	-0.6	5.0	1.7	1	5
13/12/2018	16:55	2.1	2.2	2.1	90	0.6	3	SSE	0.25	8	SSE	0.9	2.1	0.8	-1.0	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.7	2	5
13/12/2018	17:00	2.1	2.1	2.1	90	0.6	3	SSE	0.25	6	SSE	0.8	2.0	0.8	-1.1	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.7	2	5
13/12/2018	17:05	2.0	2.1	1.9	90	0.5	3	SE	0.25	8	SSE	0.8	1.9	0.7	-1.2	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.7	2	5
13/12/2018	17:10	1.9	2.0	1.9	90	0.5	2	SE	0.17	6	SE	1.6	1.9	1.5	-0.4	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.7	2	5
13/12/2018	17:15	1.9	1.9	1.9	90	0.4	4	SE	0.33	6	SE	0.0	1.8	-0.1	-1.9	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.1	3	5
13/12/2018	17:20	1.8	1.9	1.8	90	0.4	4	SE	0.33	7	SE	-0.1	1.8	-0.1	-2.0	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.1	3	5
13/12/2018	17:25	1.8	1.8	1.8	90	0.3	3	SE	0.25	7	SE	0.5	1.7	0.4	-1.4	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.1	3	5
13/12/2018	17:30	1.7	1.8	1.7	90	0.3	3	SSE	0.25	8	SE	0.4	1.7	0.4	-1.5	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.1	3	5
13/12/2018	17:35	1.7	1.7	1.7	91	0.4	3	SSE	0.25	7	SSE	0.4	1.6	0.3	-1.6	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.1	4	5
13/12/2018	17:40	1.6	1.7	1.6	91	0.3	3	SSE	0.25	7	SSE	0.3	1.6	0.3	-1.6	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.7	4	5
13/12/2018	17:45	1.6	1.6	1.6	91	0.3	2	SSE	0.17	6	SSE	1.2	1.6	1.2	-0.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.1	4	5
13/12/2018	17:50	1.6	1.6	1.6	91	0.2	2	SSE	0.17	6	SSE	1.1	1.5	1.1	-0.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.1	4	5
13/12/2018	17:55	1.6	1.6	1.6	91	0.2	2	SSE	0.17	6	SSE	1.1	1.5	1.1	-0.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-0.6	5.0	1.1	4	5
13/12/2018	18:00	1.4	1.6	1.4	91	0.1	2	SSE	0.17	4	SSE	1.0	1.4	0.9	-0.9	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.9	-1.1	5.0	1.1	5	5
13/12/2018	18:05	1.4	1.5	1.4	91	0.1	2	SSE	0.17	4	SSE	0.9	1.3	0.9	-1.0	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.9	-1.1	5.0	0.6	6	5
13/12/2018	18:10	1.4	1.4	1.4	91	0.1	2	SSE	0.17	4	SSE	0.9	1.3	0.9	-1.0	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.9	-1.1	5.0	0.0	7	5
13/12/2018	18:15	1.3	1.4	1.3	91	0.0	1	SSE	0.08	3	SSE	1.3	1.2	1.2	-0.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.9	-1.1	5.0	0.0	8	5
13/12/2018	18:20	1.2	1.3	1.2	91	-0.1	2	SSE	0.17	4	SSE	0.8	1.1	0.7	-1.2	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.9	-1.1	5.0	0.6	10	5
13/12/2018	18:25	1.2	1.2	1.2	91	-0.1	1	SSE	0.08	4	SSE	1.2	1.1	1.1	-0.8	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.9	-1.1	5.0	0.6	11	5
13/12/2018	18:30	1.1	1.2	1.1	91	-0.2	2	SSE	0.17	3	SSE	0.6	0.9	0.5	-1.4	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.9	-1.1	5.0	0.6	11	5
13/12/2018	18:35	1.0	1.1	1.0	91	-0.3	3	SSE	0.25	8	SSE	-0.3	0.9	-0.4	-2.3	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	12	5
13/12/2018	18:40	0.9	1.0	0.9	91	-0.4	3	SSE	0.25	6	SSE	-0.4	0.8	-0.6	-2.4	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	12	5
13/12/2018	18:45	0.9	0.9	0.9	91	-0.4	3	SSE	0.25	6	SSE	-0.5	0.8	-0.6	-2.5	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.0	13	5
13/12/2018	18:50	0.8	0.9	0.8	91	-0.5	3	SSE	0.25	6	SSE	-0.6	0.7	-0.7	-2.6	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.0	13	5
13/12/2018	18:55	0.8	0.8	0.8	92	-0.4	3	SSE	0.25	6	SSE	-0.6	0.7	-0.7	-2.6	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.0	14	5
13/12/2018	19:00	0.7	0.8	0.7	91	-0.6	2	SSE	0.17	4	SSE	0.2	0.6	0.1	-1.8	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.0	14	5
13/12/2018	19:05	0.7	0.7	0.7	92	-0.5	4	SE	0.33	7	SSE	-1.4	0.6	-1.5	-3.4	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.0	14	5
13/12/2018	19:10	0.6	0.7	0.6	92	-0.5	3	SE	0.25	4	SE	-0.8	0.5	-0.9	-2.8	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	14	5
13/12/2018	19:15	0.6	0.6	0.6	92	-0.5	2	SE	0.17	7	SE	0.1	0.5	0.0	-1.9	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	15	5
13/12/2018	19:20	0.6	0.6	0.6	92	-0.5	3	SE	0.25	7	SE	-0.8	0.5	-0.9	-2.8	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	15	5
13/12/2018	19:25	0.6	0.6	0.6	92	-0.5	1	SE	0.08	3	SE	0.6	0.5	0.5	-1.4	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.0	15	5
13/12/2018	19:30	0.6	0.6	0.6	92	-0.5	3	SSE	0.25	7	SE	-0.8	0.5	-0.9	-2.8	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.0	15	5
13/12/2018	19:35	0.6	0.6	0.6	92	-0.6	2	SSE	0.17	4	SSE	0.1	0.4	-0.1	-1.9	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.0	15	5
13/12/2018	19:40	0.6	0.6	0.6	92	-0.6	3	SSE	0.25	5	SSE	-0.9	0.4	-1.0	-2.9	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	15	5
13/12/2018	19:45	0.6	0.6	0.6	92	-0.5	3	SSE	0.25	11	S	-0.8	0.5	-0.9	-2.8	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	15	5
13/12/2018	19:50	0.6	0.6	0.6	92	-0.5	3	SSE	0.25	5	SSE	-0.8	0.5	-0.9	-2.8	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
13/12/2018	19:55	0.7	0.7	0.6	93	-0.3	4	SSE	0.33	10	SSE	-1.4	0.6	-1.4	-3.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	1.1	15	5
13/12/2018	20:00	0.7	0.7	0.7	93	-0.3	4	SSE	0.33	10	SSE	-1.4	0.6	-1.4	-3.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	15	5
13/12/2018	20:05	0.7	0.7	0.7	93	-0.3	3	S	0.25	8	S	-0.7	0.6	-0.8	-2.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	3.3	-1.1	5.0	0.6	15	5
13/12/2018	20:10	0.7	0.7	0.7	93	-0.3	3	S	0.25	6	S	-0.7	0.6	-0.8	-2.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.1	5.0	0.6	15	5
13/12/2018	20:15	0.7	0.7	0.7	92	-0.5	2	S	0.17	6	S	0.2	0.6	0.1	-1.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.1	5.0	0.6	15	5
13/12/2018	20:20	0.7	0.7	0.7	92	-0.5	1	S	0.08	3	S	0.7	0.6	0.6	-1.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.1	5.0	0.0	15	5
13/12/2018	20:25	0.6	0.7	0.6	92	-0.5	2	S	0.17	4	S	0.1	0.5	0.0	-1.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.1	5.0	0.6	15	5
13/12/2018	20:30	0.6	0.6	0.6	92	-0.5	2	S	0.17	4	S	0.1	0.5	0.0	-1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	15	5
13/12/2018	20:35	0.6	0.6	0.6	92	-0.5	2	S	0.17	4	S	0.1	0.5	0.0	-1.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	15	5
13/12/2018	20:40	0.6	0.6	0.6	92	-0.5	2	S	0.17	5	S	0.1	0.5	0.0	-1.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	15	5
13/12/2018	20:45	0.7	0.7	0.6	92	-0.5	1	S	0.08	3	S	0.7	0.6	0.6	-1.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	15	5
13/12/2018	20:50	0.7	0.7	0.7	93	-0.3	1	S	0.08	4	S	0.7	0.7	0.7	-1.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	15	5
13/12/2018	20:55	0.8	0.8	0.7	92	-0.4	2	S	0.17	6	S	0.3	0.7	0.2	-1.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	15	5
13/12/2018	21:00	0.8	0.8	0.8	92	-0.3	2	S	0.17	5	S	0.3	0.7	0.2	-1.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	15	5
13/12/2018	21:05	0.8	0.8	0.8	92	-0.3	2	S	0.17	4	S	0.3	0.7	0.2	-1.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	15	5
13/12/2018	21:10	0.9	0.9	0.8	92	-0.3	3	S	0.25	6	S	-0.5	0.8	-0.6	-2.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	14	5
13/12/2018	21:15	0.9	0.9	0.9	92	-0.3	3	S	0.25	6	S	-0.5	0.8	-0.6	-2.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	14	5
13/12/2018	21:20	0.9	0.9	0.9	92	-0.2	3	S	0.25	7	S	-0.4	0.8	-0.6	-2.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	13	5
13/12/2018	21:25	0.9	0.9	0.9	92	-0.2	4	S	0.33	10	SSE	-1.1	0.8	-1.2	-3.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	11	5
13/12/2018	21:30	1.0	1.0	0.9	92	-0.2	3	SSE	0.25	8	SSE	-0.3	0.9	-0.4	-2.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	7	5
13/12/2018	21:35	1.1	1.1	1.0	92	-0.1	5	SSE	0.42	11	S	-1.5	0.9	-1.6	-3.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	3	5
13/12/2018	21:40	1.1	1.1	1.1	91	-0.2	4	SSE	0.33	10	SE	-0.9	1.0	-1.0	-2.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	2	5
13/12/2018	21:45	1.1	1.2	1.1	91	-0.2	4	SSE	0.33	8	SSE	-0.9	1.0	-1.0	-2.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	21:50	1.2	1.2	1.1	91	-0.1	3	SSE	0.25	7	SSE	-0.2	1.1	-0.3	-2.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	21:55	1.2	1.2	1.2	91	-0.1	3	SSE	0.25	7	SSE	-0.1	1.1	-0.2	-2.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:00	1.3	1.3	1.2	91	0.0	2	SSE	0.17	4	SSE	0.8	1.2	0.7	-1.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:05	1.3	1.3	1.2	90	-0.2	2	SSE	0.17	7	SSE	0.8	1.2	0.7	-1.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:10	1.3	1.3	1.3	90	-0.1	2	S	0.17	7	S	0.9	1.2	0.8	-1.1	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:15	1.3	1.3	1.3	90	-0.1	3	S	0.25	5	S	0.0	1.2	-0.1	-2.0	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:20	1.4	1.4	1.3	90	-0.1	3	S	0.25	7	S	0.1	1.3	-0.1	-1.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:25	1.4	1.4	1.4	90	-0.1	2	S	0.17	5	S	0.9	1.3	0.8	-1.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:30	1.4	1.4	1.4	89	-0.2	4	S	0.33	7	S	-0.5	1.3	-0.6	-2.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	22:35	1.4	1.4	1.4	89	-0.2	4	S	0.33	9	S	-0.5	1.3	-0.6	-2.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	22:40	1.4	1.4	1.4	89	-0.2	4	S	0.33	8	S	-0.5	1.3	-0.6	-2.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:45	1.5	1.5	1.4	89	-0.1	4	SSE	0.33	9	S	-0.4	1.4	-0.5	-2.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:50	1.5	1.5	1.4	89	-0.1	4	SSE	0.33	8	SSE	-0.4	1.4	-0.5	-2.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	22:55	1.5	1.5	1.5	89	-0.1	5	SSE	0.42	9	SSE	-1.0	1.4	-1.1	-2.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
13/12/2018	23:00	1.6	1.6	1.5	88	-0.2	4	SSE	0.33	9	SSE	-0.4	1.4	-0.5	-2.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:05	1.6	1.6	1.6	88	-0.2	3	SSE	0.25	7	SSE	0.3	1.4	0.2	-1.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:10	1.6	1.6	1.6	88	-0.2	3	SSE	0.25	8	SSE	0.3	1.4	0.2	-1.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:15	1.6	1.6	1.6	88	-0.2	3	SSE	0.25	8	SSE	0.3	1.6	0.3	-1.6	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:20	1.6	1.6	1.6	88	-0.2	5	SSE	0.42	9	SSE	-0.8	1.6	-0.9	-2.8	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
13/12/2018	23:25	1.6	1.6	1.6	88	-0.2	4	SSE	0.33	8	SSE	-0.3	1.6	-0.4	-2.3	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:30	1.7	1.7	1.6	88	-0.1	4	SSE	0.33	7	SSE	-0.3	1.6	-0.3	-2.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:35	1.7	1.7	1.6	88	-0.1	4	SSE	0.33	8	SSE	-0.3	1.6	-0.3	-2.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:40	1.7	1.7	1.7	87	-0.3	4	SSE	0.33	9	SSE	-0.3	1.6	-0.4	-2.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:45	1.7	1.7	1.7	87	-0.3	4	SSE	0.33	9	SSE	-0.3	1.6	-0.4	-2.3	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:50	1.7	1.7	1.7	87	-0.2	4	S	0.33	9	SSE	-0.2	1.6	-0.3	-2.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
13/12/2018	23:55	1.7	1.7	1.7	87	-0.2	4	S	0.33	8	S	-0.2	1.6	-0.3	-2.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
14/12/2018	00:00	1.7	1.7	1.7	87	-0.2	3	S	0.25	7	S	0.4	1.6	0.3	-1.6	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
14/12/2018	00:05	1.7	1.7	1.7	87	-0.2	3	S	0.25	7	S	0.4	1.6	0.3	-1.6	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
14/12/2018	00:10	1.7	1.7	1.7	87	-0.2	5	SSE	0.42	9	S	-0.7	1.6	-0.8	-2.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
14/12/2018	00:15	1.7	1.7	1.7	87	-0.2	4	SSE	0.33	8	SSE	-0.2	1.6	-0.3	-2.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
14/12/2018	00:20	1.7	1.7	1.7	86	-0.4	3	SSE	0.25	7	SSE	0.4	1.6	0.3	-1.6	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
14/12/2018	00:25	1.7	1.8	1.7	86	-0.4	2	SSE	0.17	5	SSE	1.3	1.6	1.2	-0.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
14/12/2018	00:30	1.7	1.7	1.7	87	-0.2	3	SSE	0.25	7	SSE	0.4	1.6	0.3	-1.6	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
14/12/2018	00:35	1.7	1.8	1.7	86	-0.4	3	SSE	0.25	5	SSE	0.4	1.6	0.3	-1.6	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
14/12/2018	00:40	1.7	1.8	1.7	86	-0.4	3	SSE	0.25	7	SSE	0.4	1.6	0.3	-1.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.6	5.0	1.7	0	5
14/12/2018	00:45	1.7	1.7	1.7	86	-0.4	2	SSE	0.17	5	SSE	1.3	1.6	1.2	-0.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
14/12/2018	00:50	1.7	1.7	1.7	86	-0.4	2	SSE	0.17	7	SSE	1.3	1.6	1.2	-0.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
14/12/2018	00:55	1.7	1.7	1.7	86	-0.4	2	SSE	0.17	4	SSE	1.3	1.6	1.2	-0.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
14/12/2018	01:00	1.7	1.7	1.7	86	-0.4	3	S	0.25	8	S	0.4	1.6	0.3	-1.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
14/12/2018	01:05	1.7	1.7	1.7	86	-0.4	3	S	0.25	7	S	0.4	1.6	0.3	-1.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.7	0	5
14/12/2018	01:10	1.6	1.7	1.6	86	-0.5	4	S	0.33	8	S	-0.3	1.5	-0.4	-2.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	0.0	5.0	1.1	0	5
14/12/2018	01:15	1.6	1.6	1.6	86	-0.5	5	S	0.42	10	S	-0.9	1.4	-1.0	-2.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	0	5
14/12/2018	01:20	1.5	1.6	1.5	86	-0.6	4	S	0.33	10	S	-0.4	1.4	-0.6	-2.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	0	5
14/12/2018	01:25	1.4	1.5	1.4	86	-0.6	4	S	0.33	10	S	-0.5	1.3	-0.6	-2.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	0	5
14/12/2018	01:30	1.4	1.4	1.4	86	-0.7	4	S	0.33	8	S	-0.6	1.3	-0.7	-2.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-0.6	5.0	1.1	0	5
14/12/2018	01:35	1.3	1.4	1.3	86	-0.8	4	S	0.33	6	S	-0.7	1.2	-0.8	-2.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.1	5.0	0.6	0	5
14/12/2018	01:40	1.3	1.3	1.3	86	-0.8	3	S	0.25	6	S	-0.1	1.1	-0.2	-2.1	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.1	5.0	0.6	0	5
14/12/2018	01:45	1.2	1.3	1.2	86	-0.9	2	S	0.17	4	S	0.8	1.1	0.6	-1.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.1	5.0	0.0	0	5
14/12/2018	01:50	1.2	1.2	1.2	86	-0.9	2	S	0.17	3	S	0.7	1.0	0.6	-1.3	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.1	5.0	0.0	0	5
14/12/2018	01:55	1.1	1.2	1.1	86	-1.0	2	S	0.17	4	S	0.6	0.9	0.4	-1.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-0.6	0	5
14/12/2018	02:00	1.0	1.1	1.0	86	-1.1	2	S	0.17	4	S	0.5	0.8	0.3	-1.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-0.6	1	5
14/12/2018	02:05	0.9	1.0	0.9	85	-1.3	1	S	0.08	2	S	0.9	0.7	0.7	-1.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-0.6	1	5
14/12/2018	02:10	0.8	0.9	0.8	86	-1.3	1	S	0.08	3	S	0.8	0.7	0.7	-1.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-0.6	1	5
14/12/2018	02:15	0.7	0.8	0.7	86	-1.4	2	S	0.17	4	S	0.2	0.6	0.1	-1.8	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-0.6	2	5
14/12/2018	02:20	0.6	0.7	0.6	86	-1.5	3	S	0.25	5	S	-0.9	0.4	-1.0	-2.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-0.6	2	5
14/12/2018	02:25	0.4	0.6	0.4	86	-1.6	1	S	0.08	3	S	0.4	0.3	0.3	-1.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-0.6	2	5
14/12/2018	02:30	0.4	0.5	0.4	86	-1.7	0	S	0.00	2	S	0.4	0.3	0.3	-1.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-1.1	3	5
14/12/2018	02:35	0.3	0.4	0.3	86	-1.8	1	S	0.08	2	S	0.3	0.2	0.2	-1.8	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-1.7	3	5
14/12/2018	02:40	0.2	0.3	0.2	86	-1.9	0	S	0.00	1	S	0.2	0.1	0.1	-1.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-1.7	0	5
14/12/2018	02:45	0.1	0.2	0.1	86	-2.0	1	S	0.08	2	S	0.1	-0.1	-0.1	-2.0	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-1.7	0	5
14/12/2018	02:50	0.0	0.1	0.0	87	-1.9	1	S	0.08	2	S	0.0	-0.1	-0.1	-2.1	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	3.3	-1.7	5.0	-1.1	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
14/12/2018	02:55	-0.1	0.0	-0.1	87	-2.0	0	---	0.00	0	---	-0.1	-0.2	-0.2	-2.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.8	-1.7	5.0	-1.7	0	5
14/12/2018	03:00	-0.2	-0.1	-0.2	87	-2.1	0	---	0.00	0	---	-0.2	-0.3	-0.3	-2.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.8	-2.2	5.0	-1.7	0	5
14/12/2018	03:05	-0.3	-0.2	-0.3	87	-2.2	0	S	0.00	2	S	-0.3	-0.4	-0.4	-2.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	5.0	-1.7	0	5
14/12/2018	03:10	-0.4	-0.3	-0.4	87	-2.3	2	S	0.17	4	S	-1.0	-0.5	-1.1	-3.1	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	5.0	-1.7	0	5
14/12/2018	03:15	-0.5	-0.4	-0.5	87	-2.4	2	S	0.17	4	S	-1.1	-0.6	-1.2	-3.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	5.0	-1.7	0	5
14/12/2018	03:20	-0.6	-0.5	-0.6	88	-2.4	2	S	0.17	4	S	-1.2	-0.7	-1.3	-3.3	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	5.0	-1.7	0	5
14/12/2018	03:25	-0.7	-0.6	-0.7	88	-2.4	2	S	0.17	3	S	-1.3	-0.8	-1.4	-3.3	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	5.0	-1.7	0	5
14/12/2018	03:30	-0.8	-0.7	-0.8	88	-2.5	2	S	0.17	3	S	-1.4	-0.9	-1.6	-3.5	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	5.0	-1.7	0	5
14/12/2018	03:35	-0.8	-0.7	-0.8	88	-2.6	1	S	0.08	2	S	-0.8	-0.9	-0.9	-2.9	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	5.0	-2.2	0	5
14/12/2018	03:40	-0.9	-0.8	-0.9	88	-2.6	2	S	0.17	3	S	-1.6	-1.0	-1.7	-3.6	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	5.0	-2.2	0	5
14/12/2018	03:45	-0.9	-0.9	-0.9	89	-2.5	2	S	0.17	4	S	-1.6	-1.1	-1.7	-3.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	03:50	-1.0	-0.9	-1.0	89	-2.6	2	S	0.17	3	S	-1.7	-1.1	-1.8	-3.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	03:55	-1.1	-1.0	-1.1	89	-2.6	1	S	0.08	2	S	-1.1	-1.2	-1.2	-3.1	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	58	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	04:00	-1.2	-1.1	-1.2	89	-2.7	0	---	0.00	0	---	-1.2	-1.3	-1.3	-3.2	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	04:05	-1.2	-1.2	-1.2	89	-2.8	0	---	0.00	0	---	-1.2	-1.3	-1.3	-3.3	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	04:10	-1.2	-1.2	-1.2	90	-2.7	0	---	0.00	0	---	-1.2	-1.3	-1.3	-3.3	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	04:15	-1.3	-1.2	-1.3	90	-2.8	0	---	0.00	0	---	-1.3	-1.4	-1.4	-3.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	04:20	-1.4	-1.3	-1.4	90	-2.8	0	---	0.00	0	---	-1.4	-1.5	-1.5	-3.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	04:25	-1.4	-1.3	-1.4	90	-2.8	0	---	0.00	0	---	-1.4	-1.5	-1.5	-3.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	04:30	-1.4	-1.4	-1.4	90	-2.9	0	---	0.00	0	---	-1.4	-1.6	-1.6	-3.5	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	04:35	-1.5	-1.4	-1.5	90	-2.9	1	S	0.08	2	S	-1.5	-1.6	-1.6	-3.6	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	04:40	-1.5	-1.4	-1.6	90	-2.9	2	S	0.17	4	S	-2.2	-1.6	-2.3	-4.3	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	04:45	-1.6	-1.5	-1.6	90	-3.0	3	S	0.25	4	S	-3.3	-1.7	-3.4	-5.3	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	04:50	-1.6	-1.6	-1.6	91	-2.9	3	S	0.25	4	S	-3.3	-1.7	-3.4	-5.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	04:55	-1.6	-1.6	-1.6	91	-2.9	3	S	0.25	4	S	-3.3	-1.7	-3.4	-5.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	05:00	-1.7	-1.6	-1.7	91	-2.9	3	S	0.25	4	S	-3.4	-1.8	-3.5	-5.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	05:05	-1.7	-1.6	-1.7	91	-2.9	2	S	0.17	4	S	-2.4	-1.8	-2.5	-4.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	05:10	-1.6	-1.6	-1.6	91	-2.8	1	S	0.08	3	S	-1.6	-1.7	-1.7	-3.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	05:15	-1.6	-1.6	-1.6	91	-2.9	3	S	0.25	4	S	-3.3	-1.7	-3.4	-5.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	05:20	-1.6	-1.6	-1.6	92	-2.7	2	S	0.17	4	S	-2.3	-1.7	-2.4	-4.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	05:25	-1.6	-1.6	-1.6	92	-2.7	2	S	0.17	3	S	-2.3	-1.7	-2.4	-4.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	05:30	-1.7	-1.6	-1.7	92	-2.8	3	S	0.25	3	S	-3.4	-1.8	-3.5	-5.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	05:35	-1.6	-1.6	-1.7	92	-2.7	2	S	0.17	3	S	-2.3	-1.7	-2.4	-4.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	05:40	-1.6	-1.6	-1.7	92	-2.7	3	S	0.25	4	S	-3.3	-1.7	-3.4	-5.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	05:45	-1.6	-1.6	-1.6	92	-2.7	2	S	0.17	3	S	-2.3	-1.7	-2.4	-4.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	05:50	-1.6	-1.6	-1.6	92	-2.7	2	S	0.17	3	S	-2.3	-1.7	-2.4	-4.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	05:55	-1.6	-1.6	-1.6	92	-2.7	1	S	0.08	3	S	-1.6	-1.7	-1.7	-3.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	06:00	-1.6	-1.6	-1.6	92	-2.7	2	S	0.17	3	S	-2.3	-1.7	-2.4	-4.4	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	06:05	-1.6	-1.6	-1.6	93	-2.6	2	S	0.17	3	S	-2.3	-1.7	-2.4	-4.3	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	06:10	-1.7	-1.6	-1.7	93	-2.6	2	S	0.17	3	S	-2.4	-1.7	-2.4	-4.4	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	06:15	-1.7	-1.7	-1.7	93	-2.6	2	S	0.17	4	S	-2.4	-1.7	-2.4	-4.4	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	06:20	-1.7	-1.7	-1.7	93	-2.6	1	S	0.08	2	S	-1.7	-1.7	-1.7	-3.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
14/12/2018	06:25	-1.7	-1.7	-1.7	93	-2.7	2	S	0.17	4	S	-2.4	-1.8	-2.5	-4.4	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	06:30	-1.8	-1.7	-1.8	93	-2.8	3	S	0.25	4	S	-3.5	-1.8	-3.6	-5.5	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.8	0	5
14/12/2018	06:35	-1.8	-1.7	-1.8	93	-2.8	4	S	0.33	6	S	-4.2	-1.8	-4.3	-6.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	06:40	-1.8	-1.8	-1.8	93	-2.8	4	S	0.33	5	S	-4.2	-1.8	-4.3	-6.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	06:45	-1.7	-1.7	-1.8	93	-2.7	4	S	0.33	6	S	-4.2	-1.8	-4.2	-6.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	06:50	-1.7	-1.7	-1.7	93	-2.6	3	S	0.25	5	S	-3.4	-1.7	-3.4	-5.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.1	0	5
14/12/2018	06:55	-1.6	-1.6	-1.7	93	-2.6	1	S	0.08	3	S	-1.6	-1.7	-1.7	-3.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.1	0	5
14/12/2018	07:00	-1.6	-1.6	-1.6	93	-2.5	2	S	0.17	4	S	-2.3	-1.6	-2.3	-4.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	07:05	-1.6	-1.6	-1.6	93	-2.5	2	S	0.17	4	S	-2.3	-1.6	-2.3	-4.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.2	0	5
14/12/2018	07:10	-1.6	-1.6	-1.6	93	-2.5	2	S	0.17	3	S	-2.3	-1.6	-2.3	-4.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.2	0	5
14/12/2018	07:15	-1.6	-1.6	-1.6	93	-2.6	2	S	0.17	3	S	-2.3	-1.7	-2.4	-4.3	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.2	0	5
14/12/2018	07:20	-1.6	-1.6	-1.6	94	-2.5	1	S	0.08	2	S	-1.6	-1.7	-1.7	-3.6	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.8	0	5
14/12/2018	07:25	-1.7	-1.6	-1.7	94	-2.5	1	S	0.08	2	S	-1.7	-1.7	-1.7	-3.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.2	0	5
14/12/2018	07:30	-1.7	-1.7	-1.7	94	-2.5	1	S	0.08	2	S	-1.7	-1.7	-1.7	-3.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.2	0	5
14/12/2018	07:35	-1.7	-1.7	-1.7	93	-2.7	1	S	0.08	2	S	-1.7	-1.8	-1.8	-3.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.8	0	5
14/12/2018	07:40	-1.7	-1.7	-1.7	93	-2.7	1	S	0.08	2	S	-1.7	-1.8	-1.8	-3.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.8	0	5
14/12/2018	07:45	-1.8	-1.7	-1.8	94	-2.6	1	S	0.08	2	S	-1.8	-1.8	-1.8	-3.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.8	0	5
14/12/2018	07:50	-1.8	-1.8	-1.8	94	-2.7	1	S	0.08	2	S	-1.8	-1.9	-1.9	-3.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.8	0	5
14/12/2018	07:55	-1.8	-1.8	-1.9	94	-2.7	2	S	0.17	2	S	-2.6	-1.9	-2.7	-4.6	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.8	0	5
14/12/2018	08:00	-1.9	-1.8	-1.9	94	-2.7	1	S	0.08	3	S	-1.9	-1.9	-1.9	-3.9	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.8	0	5
14/12/2018	08:05	-1.8	-1.8	-1.9	94	-2.7	3	S	0.25	5	S	-3.6	-1.9	-3.6	-5.6	30.15	0.0	0.0	2	0.01	5	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.2	0	5
14/12/2018	08:10	-1.8	-1.8	-1.8	94	-2.7	5	SSE	0.42	8	S	-4.9	-1.9	-4.9	-6.8	30.15	0.0	0.0	5	0.04	5	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.2	0	5
14/12/2018	08:15	-1.8	-1.8	-1.8	94	-2.7	4	SSE	0.33	9	SSE	-4.3	-1.9	-4.3	-6.2	30.15	0.0	0.0	5	0.04	5	0	0.00	0.00	0.07	0.00	0.00	59	2.8	-2.8	4.4	-2.2	0	5
14/12/2018	08:20	-1.8	-1.8	-1.9	94	-2.7	3	SSE	0.25	8	SSE	-3.6	-1.9	-3.6	-5.4	30.16	0.0	0.0	7	0.05	9	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	08:25	-1.8	-1.8	-1.8	94	-2.6	4	SSE	0.33	9	SSE	-4.2	-1.8	-4.3	-6.1	30.16	0.0	0.0	11	0.08	12	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	08:30	-1.7	-1.7	-1.8	94	-2.6	2	SSE	0.17	5	SSE	-2.4	-1.8	-2.5	-4.3	30.17	0.0	0.0	14	0.10	16	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	08:35	-1.7	-1.7	-1.7	94	-2.6	2	SSE	0.17	4	SSE	-2.4	-1.8	-2.5	-4.2	30.17	0.0	0.0	19	0.14	19	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	08:40	-1.7	-1.7	-1.8	94	-2.6	3	SSE	0.25	4	SSE	-3.4	-1.8	-3.5	-5.2	30.17	0.0	0.0	21	0.15	21	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	08:45	-1.8	-1.7	-1.8	94	-2.6	3	SSE	0.25	4	SSE	-3.5	-1.8	-3.6	-5.2	30.17	0.0	0.0	23	0.16	23	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-2.2	0	5
14/12/2018	08:50	-1.8	-1.8	-1.8	94	-2.7	2	SSE	0.17	3	SSE	-2.6	-1.9	-2.7	-4.3	30.17	0.0	0.0	23	0.16	23	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	08:55	-1.8	-1.8	-1.8	94	-2.7	2	SSE	0.17	3	SSE	-2.6	-1.9	-2.7	-4.3	30.18	0.0	0.0	26	0.19	26	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	09:00	-1.8	-1.8	-1.8	94	-2.7	2	SSE	0.17	4	SSE	-2.6	-1.9	-2.7	-4.3	30.18	0.0	0.0	26	0.19	26	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	09:05	-1.8	-1.8	-1.8	94	-2.7	3	SSE	0.25	4	SSE	-3.6	-1.9	-3.6	-5.2	30.18	0.0	0.0	26	0.19	26	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	09:10	-1.8	-1.8	-1.8	94	-2.6	3	SSE	0.25	4	SSE	-3.5	-1.8	-3.6	-5.2	30.18	0.0	0.0	27	0.19	28	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	09:15	-1.7	-1.7	-1.8	95	-2.4	4	SSE	0.33	5	SSE	-4.2	-1.8	-4.2	-5.8	30.18	0.0	0.0	25	0.18	26	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.7	0	5
14/12/2018	09:20	-1.7	-1.7	-1.7	95	-2.4	3	SSE	0.25	4	SSE	-3.4	-1.8	-3.5	-5.1	30.19	0.0	0.0	26	0.19	28	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.1	0	5
14/12/2018	09:25	-1.7	-1.7	-1.7	95	-2.4	2	SSE	0.17	4	SSE	-2.4	-1.7	-2.4	-4.0	30.19	0.0	0.0	32	0.23	35	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.1	0	5
14/12/2018	09:30	-1.4	-1.4	-1.7	95	-2.1	3	SSE	0.25	4	SSE	-3.1	-1.4	-3.1	-4.6	30.20	0.0	0.0	36	0.26	37	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-1.7	4.4	-1.1	1	5
14/12/2018	09:35	-1.2	-1.2	-1.4	95	-1.9	3	SSE	0.25	5	SSE	-2.9	-1.3	-2.9	-4.4	30.19	0.0	0.0	31	0.22	37	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-1.7	4.4	-1.1	1	5
14/12/2018	09:40	-1.2	-1.2	-1.2	95	-1.9	4	SSE	0.33	5	SSE	-3.5	-1.2	-3.6	-5.1	30.19	0.0	0.0	28	0.20	30	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-1.7	4.4	-1.1	1	5
14/12/2018	09:45	-1.2	-1.1	-1.2	95	-1.9	3	SSE	0.25	5	SSE	-2.8	-1.2	-2.9	-4.4	30.19	0.0	0.0	29	0.21	30	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-1.7	4.4	-1.1	0	5
14/12/2018	09:50	-1.1	-1.1	-1.2	95	-1.8	2	SSE	0.17	4	SSE	-1.7	-1.1	-1.8	-3.3	30.20	0.0	0.0	30	0.22	30	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.1	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
14/12/2018	09:55	-0.9	-0.9	-1.1	95	-1.6	2	SSE	0.17	3	SSE	-1.6	-1.0	-1.7	-3.2	30.20	0.0	0.0	32	0.23	32	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.1	0	5
14/12/2018	10:00	-0.8	-0.8	-0.9	95	-1.5	2	SSE	0.17	3	SSE	-1.5	-0.9	-1.6	-2.2	30.20	0.0	0.0	36	0.26	40	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-1.1	0	5
14/12/2018	10:05	-0.7	-0.7	-0.8	95	-1.4	2	SSE	0.17	3	SSE	-1.3	-0.7	-1.3	-2.0	30.20	0.0	0.0	35	0.25	35	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-0.6	0	5
14/12/2018	10:10	-0.6	-0.6	-0.7	95	-1.3	1	SSE	0.08	3	SSE	-0.6	-0.7	-0.7	-1.3	30.20	0.0	0.0	34	0.24	35	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-2.2	4.4	-0.6	0	5
14/12/2018	10:15	-0.4	-0.4	-0.6	95	-1.1	3	SSE	0.25	4	SSE	-2.0	-0.5	-2.1	-1.8	30.20	0.0	0.0	74	0.53	118	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-1.7	4.4	-0.6	0	5
14/12/2018	10:20	-0.4	-0.4	-0.4	95	-1.1	2	SSE	0.17	4	SSE	-1.0	-0.4	-1.1	-0.1	30.20	0.0	0.0	112	0.80	128	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-1.7	4.4	0.0	1	5
14/12/2018	10:25	-0.3	-0.3	-0.4	95	-1.0	3	SSE	0.25	4	SSE	-1.8	-0.3	-1.8	-0.6	30.20	0.0	0.0	135	0.97	144	0	0.00	0.00	0.07	0.00	0.00	60	2.8	-1.7	4.4	0.0	1	5
14/12/2018	10:30	-0.2	-0.1	-0.3	95	-0.9	2	SSE	0.17	3	SSE	-0.8	-0.2	-0.8	-0.6	30.21	0.0	0.0	73	0.52	113	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.7	4.4	0.0	1	5
14/12/2018	10:35	0.0	0.0	-0.2	95	-0.7	2	SSE	0.17	5	SSE	-0.6	-0.1	-0.6	-0.3	30.20	0.0	0.0	76	0.54	84	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.7	4.4	0.0	1	5
14/12/2018	10:40	0.2	0.2	0.0	94	-0.7	2	SSE	0.17	5	SSE	-0.4	0.1	-0.4	-1.0	30.21	0.0	0.0	38	0.27	40	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.7	4.4	0.6	1	5
14/12/2018	10:45	0.4	0.4	0.2	94	-0.5	2	SSE	0.17	5	SSE	-0.2	0.3	-0.2	1.2	30.21	0.0	0.0	133	0.95	160	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.7	4.4	0.6	1	5
14/12/2018	10:50	0.4	0.4	0.4	94	-0.5	1	SSE	0.08	3	SSE	0.4	0.3	0.3	1.9	30.20	0.0	0.0	140	1.00	148	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.7	4.4	0.6	1	5
14/12/2018	10:55	0.4	0.4	0.3	94	-0.5	1	SSE	0.08	3	SSE	0.4	0.3	0.3	1.1	30.20	0.0	0.0	93	0.67	139	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.7	4.4	0.6	1	5
14/12/2018	11:00	0.4	0.4	0.4	93	-0.6	1	SSE	0.08	3	SSE	0.4	0.4	0.4	0.1	30.20	0.0	0.0	49	0.35	83	0	0.00	0.00	0.06	0.00	0.03	60	2.8	-1.7	4.4	0.6	1	5
14/12/2018	11:05	0.5	0.6	0.4	93	-0.5	2	SSE	0.17	4	SSE	0.0	0.4	-0.1	-0.1	30.20	0.0	0.0	61	0.44	70	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.7	4.4	1.1	1	5
14/12/2018	11:10	0.6	0.6	0.5	93	-0.4	2	SSE	0.17	4	SSE	0.1	0.6	0.1	0.6	30.19	0.0	0.0	86	0.62	146	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.1	4.4	2.2	1	5
14/12/2018	11:15	0.7	0.7	0.6	93	-0.3	3	SSE	0.25	5	SSE	-0.7	0.6	-0.8	0.1	30.19	0.0	0.0	100	0.72	135	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.1	4.4	2.8	1	5
14/12/2018	11:20	0.9	0.9	0.7	93	-0.1	3	S	0.25	7	S	-0.5	0.8	-0.6	0.9	30.20	0.0	0.0	131	0.94	153	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.1	4.4	2.8	2	5
14/12/2018	11:25	1.1	1.2	0.9	91	-0.2	4	S	0.33	8	S	-0.9	1.0	-1.0	0.6	30.20	0.0	0.0	138	0.99	149	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.1	4.4	3.3	2	5
14/12/2018	11:30	1.3	1.3	1.1	91	0.0	3	S	0.25	8	S	-0.1	1.2	-0.2	0.6	30.20	0.0	0.0	94	0.67	127	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.1	4.4	2.8	2	5
14/12/2018	11:35	1.3	1.3	1.3	91	0.0	3	S	0.25	5	S	0.0	1.3	-0.1	0.4	30.19	0.0	0.0	84	0.60	88	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.1	4.4	3.3	2	5
14/12/2018	11:40	1.3	1.3	1.2	91	0.0	1	S	0.08	3	S	1.3	1.3	1.3	1.5	30.19	0.0	0.0	71	0.51	86	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.1	4.4	3.9	2	5
14/12/2018	11:45	1.6	1.6	1.3	90	0.1	2	S	0.17	5	S	1.2	1.6	1.2	2.2	30.19	0.0	0.0	107	0.77	121	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-1.1	4.4	4.4	2	5
14/12/2018	11:50	1.8	1.8	1.7	89	0.2	4	S	0.33	11	S	-0.1	1.7	-0.2	0.9	30.19	0.0	0.0	113	0.81	135	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	3.3	6	5
14/12/2018	11:55	1.7	1.8	1.7	89	0.1	5	SSW	0.42	11	SSW	-0.7	1.7	-0.8	0.1	30.19	0.0	0.0	98	0.70	148	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	3.9	7	5
14/12/2018	12:00	1.8	1.8	1.7	89	0.2	4	SSW	0.33	8	SSW	-0.1	1.7	-0.2	0.9	30.20	0.0	0.0	111	0.80	134	0	0.00	0.00	0.06	0.00	0.05	60	2.8	-0.6	4.4	3.3	7	5
14/12/2018	12:05	1.8	1.9	1.8	88	0.1	4	SSW	0.33	11	SSW	-0.1	1.8	-0.1	-0.3	30.20	0.0	0.0	52	0.37	88	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	2.2	5	5
14/12/2018	12:10	1.7	1.8	1.7	88	-0.1	6	SSW	0.50	11	SSW	-1.2	1.7	-1.2	-1.4	30.20	0.0	0.0	52	0.37	62	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	2.2	6	5
14/12/2018	12:15	1.7	1.7	1.7	88	-0.1	5	SSW	0.42	7	SSW	-0.7	1.7	-0.8	-0.2	30.20	0.0	0.0	91	0.65	125	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	2.2	14	5
14/12/2018	12:20	1.8	1.8	1.7	88	0.0	3	SSW	0.25	7	SSW	0.5	1.7	0.4	1.3	30.20	0.0	0.0	100	0.72	104	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	2.8	15	5
14/12/2018	12:25	1.8	1.8	1.8	88	0.1	3	SSW	0.25	6	SSW	0.6	1.8	0.5	1.3	30.20	0.0	0.0	99	0.71	114	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	2.8	15	5
14/12/2018	12:30	1.8	1.8	1.8	88	0.0	4	SSW	0.33	6	SSW	-0.1	1.7	-0.2	0.4	30.20	0.0	0.0	86	0.62	90	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	2.8	15	5
14/12/2018	12:35	1.8	1.8	1.8	88	0.0	3	SSW	0.25	7	SSW	0.5	1.7	0.4	1.2	30.20	0.0	0.0	93	0.67	105	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.6	4.4	2.8	15	5
14/12/2018	12:40	1.9	1.9	1.8	88	0.1	4	SSW	0.33	6	SSW	0.0	1.8	-0.1	1.2	30.19	0.0	0.0	121	0.87	185	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.6	4.4	3.3	15	5
14/12/2018	12:45	1.9	1.9	1.9	88	0.2	4	SSW	0.33	9	SSW	0.1	1.9	0.0	0.7	30.19	0.0	0.0	94	0.67	109	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.6	4.4	2.8	15	5
14/12/2018	12:50	1.9	1.9	1.9	87	0.0	5	SSW	0.42	10	SSW	-0.4	1.8	-0.6	0.2	30.19	0.0	0.0	96	0.69	104	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.6	4.4	2.8	15	5
14/12/2018	12:55	2.1	2.1	1.9	88	0.3	3	SSW	0.25	6	SSW	0.8	2.0	0.8	2.3	30.19	0.0	0.0	131	0.94	193	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.6	4.4	3.3	15	5
14/12/2018	13:00	2.1	2.1	2.1	87	0.1	2	SSW	0.17	5	SSW	1.7	1.9	1.6	2.4	30.19	0.0	0.0	98	0.70	114	0	0.00	0.00	0.06	0.00	0.05	60	2.8	0.6	4.4	2.8	15	5
14/12/2018	13:05	2.1	2.1	2.1	87	0.1	3	SSW	0.25	7	SSW	0.8	1.9	0.7	1.1	30.18	0.0	0.0	76	0.54	90	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	2.8	15	5
14/12/2018	13:10	1.9	2.1	1.9	87	0.0	2	SSW	0.17	6	SSW	1.5	1.8	1.4	2.2	30.18	0.0	0.0	99	0.71	128	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	2.2	15	5
14/12/2018	13:15	1.8	1.9	1.8	87	-0.1	2	SSW	0.17	5	SSW	1.4	1.7	1.3	0.7	30.18	0.0	0.0	38	0.27	46	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	2.2	15	5
14/12/2018	13:20	1.7	1.8	1.7	88	-0.1	2	SSW	0.17	5	SSW	1.3	1.6	1.2	0.5	30.18	0.0	0.0	33	0.24	33	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
14/12/2018	13:25	1.7	1.7	1.7	88	-0.1	3	SSW	0.25	6	SSW	0.4	1.6	0.3	-0.4	30.17	0.0	0.0	32	0.23	32	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-0.6	4.4	1.7	15	5
14/12/2018	13:30	1.8	1.8	1.7	87	-0.1	2	SSW	0.17	5	SSW	1.4	1.7	1.3	0.6	30.18	0.0	0.0	33	0.24	33	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-0.6	3.9	1.7	15	5
14/12/2018	13:35	1.8	1.9	1.8	87	-0.1	2	SSW	0.17	5	SSW	1.4	1.7	1.3	0.6	30.17	0.0	0.0	31	0.22	32	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-0.6	3.9	1.7	15	5
14/12/2018	13:40	1.7	1.8	1.7	87	-0.3	4	SSW	0.33	12	SSW	-0.3	1.6	-0.4	-1.2	30.17	0.0	0.0	31	0.22	32	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-0.6	3.9	1.7	15	5
14/12/2018	13:45	1.7	1.7	1.7	87	-0.3	4	S	0.33	9	S	-0.3	1.6	-0.4	-1.1	30.17	0.0	0.0	32	0.23	32	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-0.6	3.9	1.7	15	5
14/12/2018	13:50	1.7	1.7	1.7	88	-0.1	4	S	0.33	9	S	-0.3	1.6	-0.3	-1.2	30.17	0.0	0.0	28	0.20	30	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-0.6	3.9	1.7	15	5
14/12/2018	13:55	1.6	1.7	1.6	88	-0.2	4	S	0.33	9	S	-0.3	1.6	-0.4	-1.3	30.17	0.0	0.0	25	0.18	26	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-0.6	3.9	1.7	15	5
14/12/2018	14:00	1.6	1.6	1.6	88	-0.2	3	S	0.25	5	S	0.3	1.4	0.2	-0.8	30.17	0.0	0.0	21	0.15	23	0	0.00	0.00	0.06	0.00	0.03	61	2.8	-0.6	3.9	1.7	15	5
14/12/2018	14:05	1.4	1.6	1.4	88	-0.3	3	S	0.25	5	S	0.2	1.3	0.1	-1.0	30.17	0.0	0.0	20	0.14	21	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-0.6	3.9	1.1	15	5
14/12/2018	14:10	1.3	1.4	1.3	88	-0.4	2	S	0.17	4	S	0.9	1.2	0.8	-0.3	30.17	0.0	0.0	19	0.14	19	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-1.1	3.9	1.1	15	5
14/12/2018	14:15	1.3	1.3	1.3	88	-0.4	2	S	0.17	5	S	0.9	1.2	0.8	-0.2	30.18	0.0	0.0	21	0.15	21	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-1.1	3.9	1.1	15	5
14/12/2018	14:20	1.3	1.3	1.3	88	-0.5	4	S	0.33	9	S	-0.7	1.2	-0.8	-1.8	30.18	0.0	0.0	21	0.15	21	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-1.1	3.9	1.1	15	5
14/12/2018	14:25	1.3	1.3	1.3	89	-0.3	3	S	0.25	5	S	-0.1	1.2	-0.2	-1.1	30.17	0.0	0.0	23	0.16	25	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-1.1	3.9	1.1	15	5
14/12/2018	14:30	1.2	1.3	1.2	89	-0.4	2	S	0.17	6	S	0.8	1.1	0.7	-0.2	30.18	0.0	0.0	27	0.19	30	0	0.00	0.00	0.06	0.00	0.00	61	2.8	-1.1	3.9	1.1	3	5
14/12/2018	14:35	1.2	1.2	1.2	89	-0.4	1	S	0.08	3	S	1.2	1.1	1.1	0.5	30.18	0.0	0.0	36	0.26	39	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-1.1	3.9	1.1	3	5
14/12/2018	14:40	1.2	1.2	1.2	89	-0.4	3	S	0.25	6	S	-0.1	1.1	-0.2	-1.6	30.18	0.0	0.0	44	0.32	46	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-1.1	3.9	1.1	3	5
14/12/2018	14:45	1.2	1.3	1.2	89	-0.4	2	S	0.17	5	S	0.8	1.1	0.7	-0.7	30.18	0.0	0.0	46	0.33	47	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-0.6	3.9	1.7	4	5
14/12/2018	14:50	1.3	1.3	1.2	89	-0.3	1	S	0.08	4	S	1.3	1.2	1.2	-0.2	30.18	0.0	0.0	44	0.32	46	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-0.6	3.9	1.1	3	5
14/12/2018	14:55	1.3	1.3	1.3	89	-0.3	3	S	0.25	9	S	0.0	1.2	-0.1	-1.5	30.19	0.0	0.0	42	0.30	42	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-0.6	3.9	1.7	4	5
14/12/2018	15:00	1.4	1.4	1.4	89	-0.2	2	S	0.17	5	S	1.0	1.3	0.9	-0.5	30.18	0.0	0.0	40	0.29	42	0	0.00	0.00	0.06	0.00	0.03	60	2.2	-0.6	3.9	1.7	5	5
14/12/2018	15:05	1.4	1.4	1.4	89	-0.2	2	S	0.17	4	S	1.0	1.3	0.9	-0.6	30.18	0.0	0.0	37	0.27	39	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-0.6	3.9	1.7	4	5
14/12/2018	15:10	1.4	1.5	1.4	89	-0.2	1	S	0.08	5	S	1.4	1.3	1.3	-0.2	30.18	0.0	0.0	32	0.23	35	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-0.6	3.9	1.1	3	5
14/12/2018	15:15	1.4	1.4	1.4	89	-0.2	2	S	0.17	4	S	1.0	1.3	0.9	-0.7	30.19	0.0	0.0	25	0.18	28	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-1.1	3.9	1.1	2	5
14/12/2018	15:20	1.4	1.4	1.4	89	-0.2	1	S	0.08	5	S	1.4	1.3	1.3	-0.4	30.19	0.0	0.0	19	0.14	21	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-1.1	3.9	1.1	1	5
14/12/2018	15:25	1.3	1.4	1.3	89	-0.3	2	S	0.17	5	S	0.9	1.2	0.8	-1.0	30.19	0.0	0.0	14	0.10	16	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-1.7	3.9	0.6	1	5
14/12/2018	15:30	1.3	1.3	1.3	89	-0.3	3	S	0.25	5	S	-0.1	1.2	-0.2	-1.9	30.19	0.0	0.0	10	0.07	11	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-1.7	3.9	0.0	1	5
14/12/2018	15:35	1.2	1.3	1.2	89	-0.4	3	S	0.25	5	S	-0.2	1.1	-0.3	-2.1	30.19	0.0	0.0	7	0.05	7	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-1.7	3.9	0.0	1	5
14/12/2018	15:40	1.1	1.2	1.1	89	-0.5	3	S	0.25	5	S	-0.2	1.0	-0.3	-2.2	30.19	0.0	0.0	5	0.04	5	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-1.7	3.9	0.0	1	5
14/12/2018	15:45	1.1	1.1	1.1	89	-0.6	3	S	0.25	5	S	-0.3	0.9	-0.4	-2.3	30.20	0.0	0.0	2	0.01	5	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-1.7	3.9	0.0	1	5
14/12/2018	15:50	0.9	1.0	0.9	89	-0.7	2	S	0.17	5	S	0.4	0.8	0.3	-1.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	15:55	0.8	0.9	0.8	89	-0.8	3	S	0.25	6	S	-0.6	0.7	-0.7	-2.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	16:00	0.7	0.8	0.7	89	-0.9	3	S	0.25	6	S	-0.7	0.6	-0.8	-2.8	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	16:05	0.6	0.7	0.6	89	-1.0	3	S	0.25	5	S	-0.8	0.5	-0.9	-2.8	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	16:10	0.5	0.6	0.5	90	-1.0	3	S	0.25	5	S	-0.9	0.4	-1.1	-3.0	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	16:15	0.4	0.6	0.4	90	-1.0	3	S	0.25	8	S	-1.0	0.3	-1.1	-3.1	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	0.0	1	5
14/12/2018	16:20	0.4	0.4	0.4	90	-1.1	2	S	0.17	4	S	-0.2	0.3	-0.3	-2.2	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	16:25	0.3	0.4	0.3	90	-1.2	2	S	0.17	4	S	-0.3	0.2	-0.4	-2.3	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	16:30	0.2	0.3	0.2	90	-1.2	2	S	0.17	4	S	-0.3	0.2	-0.4	-2.3	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	16:35	0.2	0.2	0.2	90	-1.3	2	S	0.17	3	S	-0.4	0.1	-0.4	-2.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	16:40	0.1	0.2	0.1	90	-1.4	2	S	0.17	3	S	-0.5	0.0	-0.6	-2.5	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	16:45	0.0	0.1	0.0	90	-1.4	2	S	0.17	4	S	-0.6	-0.1	-0.6	-2.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	16:50	-0.1	0.0	-0.1	90	-1.5	3	S	0.25	4	S	-1.6	-0.1	-1.6	-3.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.2	3.9	-1.1	1	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
14/12/2018	16:55	-0.2	-0.1	-0.2	90	-1.6	2	S	0.17	4	S	-0.8	-0.2	-0.8	-2.8	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	17:00	-0.2	-0.1	-0.2	91	-1.5	2	S	0.17	5	S	-0.8	-0.3	-0.9	-2.8	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	17:05	-0.3	-0.2	-0.3	90	-1.7	2	S	0.17	5	S	-0.9	-0.4	-1.0	-3.0	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	17:10	-0.3	-0.3	-0.3	91	-1.6	1	S	0.08	4	S	-0.3	-0.4	-0.4	-2.3	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	17:15	-0.4	-0.3	-0.4	91	-1.7	2	S	0.17	5	S	-1.0	-0.5	-1.1	-3.1	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	17:20	-0.4	-0.4	-0.4	91	-1.7	3	S	0.25	5	S	-2.0	-0.6	-2.1	-4.1	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	17:25	-0.5	-0.4	-0.5	91	-1.8	3	S	0.25	6	S	-2.1	-0.6	-2.2	-4.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	17:30	-0.5	-0.5	-0.6	91	-1.8	3	S	0.25	4	S	-2.1	-0.6	-2.2	-4.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	17:35	-0.6	-0.5	-0.6	91	-1.8	0	S	0.00	2	S	-0.6	-0.7	-0.7	-2.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	17:40	-0.6	-0.6	-0.6	91	-1.9	2	S	0.17	4	S	-1.2	-0.7	-1.3	-3.3	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.7	1	5
14/12/2018	17:45	-0.6	-0.6	-0.7	91	-1.9	1	S	0.08	2	S	-0.6	-0.7	-0.7	-2.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.7	1	5
14/12/2018	17:50	-0.7	-0.6	-0.7	91	-2.0	2	S	0.17	3	S	-1.3	-0.8	-1.4	-3.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.7	1	5
14/12/2018	17:55	-0.7	-0.7	-0.7	91	-2.0	2	S	0.17	3	S	-1.4	-0.8	-1.5	-3.5	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	18:00	-0.8	-0.7	-0.8	91	-2.1	3	S	0.25	4	S	-2.4	-0.9	-2.5	-4.5	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	18:05	-0.8	-0.8	-0.8	92	-1.9	3	S	0.25	5	S	-2.4	-0.9	-2.5	-4.5	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	18:10	-0.8	-0.8	-0.8	92	-1.9	2	S	0.17	3	S	-1.4	-0.9	-1.6	-3.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	18:15	-0.8	-0.8	-0.8	92	-2.0	2	S	0.17	3	S	-1.5	-0.9	-1.6	-3.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	18:20	-0.8	-0.8	-0.8	92	-1.9	2	S	0.17	4	S	-1.4	-0.9	-1.6	-3.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	18:25	-0.8	-0.8	-0.8	92	-1.9	2	S	0.17	4	S	-1.4	-0.9	-1.6	-3.6	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	18:30	-0.8	-0.7	-0.8	92	-1.9	2	S	0.17	4	S	-1.4	-0.9	-1.6	-3.6	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	18:35	-0.7	-0.7	-0.8	92	-1.9	3	S	0.25	6	S	-2.3	-0.8	-2.4	-4.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	18:40	-0.7	-0.7	-0.7	93	-1.7	2	S	0.17	4	S	-1.4	-0.8	-1.4	-3.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	18:45	-0.7	-0.7	-0.7	93	-1.7	4	S	0.33	9	S	-2.9	-0.7	-3.0	-5.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	18:50	-0.6	-0.6	-0.7	93	-1.6	4	S	0.33	6	S	-2.9	-0.7	-2.9	-5.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	18:55	-0.6	-0.6	-0.6	93	-1.6	3	S	0.25	8	S	-2.2	-0.7	-2.2	-4.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	61	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	19:00	-0.6	-0.6	-0.6	93	-1.6	3	S	0.25	5	S	-2.2	-0.7	-2.2	-4.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	19:05	-0.6	-0.6	-0.6	93	-1.6	5	S	0.42	10	S	-3.4	-0.7	-3.5	-5.8	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	19:10	-0.6	-0.6	-0.6	93	-1.6	4	S	0.33	10	S	-2.9	-0.7	-2.9	-5.2	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	19:15	-0.6	-0.6	-0.6	93	-1.6	4	S	0.33	9	S	-2.9	-0.7	-2.9	-5.2	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	19:20	-0.6	-0.6	-0.6	94	-1.4	4	S	0.33	9	S	-2.8	-0.6	-2.9	-5.2	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	19:25	-0.6	-0.6	-0.6	94	-1.4	3	S	0.25	8	S	-2.1	-0.6	-2.2	-4.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	19:30	-0.6	-0.6	-0.6	94	-1.4	3	S	0.25	5	S	-2.1	-0.6	-2.2	-4.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	19:35	-0.6	-0.6	-0.6	94	-1.4	1	S	0.08	2	S	-0.6	-0.6	-0.6	-2.9	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	19:40	-0.6	-0.6	-0.6	94	-1.4	2	S	0.17	3	S	-1.2	-0.6	-1.2	-3.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.8	3.9	-1.1	1	5
14/12/2018	19:45	-0.7	-0.6	-0.7	94	-1.5	2	S	0.17	5	S	-1.3	-0.7	-1.3	-3.6	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.8	3.9	-1.7	1	5
14/12/2018	19:50	-0.7	-0.7	-0.7	94	-1.6	2	S	0.17	5	S	-1.4	-0.8	-1.4	-3.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.8	3.9	-1.7	1	5
14/12/2018	19:55	-0.8	-0.7	-0.8	94	-1.6	3	S	0.25	5	S	-2.4	-0.8	-2.4	-4.7	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.8	3.9	-1.7	1	5
14/12/2018	20:00	-0.8	-0.8	-0.8	94	-1.7	2	S	0.17	4	S	-1.5	-0.9	-1.6	-3.8	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	20:05	-0.8	-0.8	-0.8	94	-1.7	2	S	0.17	4	S	-1.5	-0.9	-1.6	-3.8	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.7	1	5
14/12/2018	20:10	-0.9	-0.8	-0.9	94	-1.7	2	S	0.17	4	S	-1.6	-0.9	-1.6	-3.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.7	1	5
14/12/2018	20:15	-0.9	-0.9	-0.9	94	-1.8	2	S	0.17	3	S	-1.6	-1.0	-1.7	-3.9	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.8	3.9	-1.7	1	5
14/12/2018	20:20	-1.0	-0.9	-1.0	94	-1.8	2	S	0.17	4	S	-1.7	-1.1	-1.7	-4.0	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.8	3.9	-1.7	1	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
14/12/2018	20:25	-1.1	-1.0	-1.1	94	-1.9	3	S	0.25	6	S	-2.7	-1.1	-2.7	-5.0	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.7	1	5
14/12/2018	20:30	-1.1	-1.1	-1.1	94	-1.9	3	S	0.25	5	S	-2.7	-1.1	-2.7	-5.0	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.7	1	5
14/12/2018	20:35	-1.1	-1.1	-1.1	94	-1.9	2	S	0.17	6	S	-1.7	-1.1	-1.8	-4.1	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	20:40	-1.1	-1.1	-1.1	94	-1.9	3	S	0.25	6	S	-2.7	-1.1	-2.7	-5.0	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-1.1	1	5
14/12/2018	20:45	-1.0	-1.0	-1.1	94	-1.8	2	S	0.17	4	S	-1.7	-1.1	-1.7	-4.0	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	20:50	-0.9	-0.9	-1.0	94	-1.8	3	S	0.25	5	S	-2.6	-1.0	-2.6	-4.9	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	2	5
14/12/2018	20:55	-0.9	-0.9	-0.9	94	-1.7	3	S	0.25	5	S	-2.5	-0.9	-2.6	-4.8	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	2	5
14/12/2018	21:00	-0.8	-0.8	-0.9	94	-1.7	2	S	0.17	4	S	-1.5	-0.9	-1.6	-3.8	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	21:05	-0.8	-0.8	-0.8	95	-1.5	2	S	0.17	4	S	-1.5	-0.9	-1.6	-3.8	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	21:10	-0.7	-0.7	-0.8	95	-1.4	3	S	0.25	8	S	-2.3	-0.8	-2.4	-4.7	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	21:15	-0.7	-0.7	-0.7	95	-1.4	4	S	0.33	8	S	-3.0	-0.8	-3.1	-5.3	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	21:20	-0.6	-0.6	-0.7	95	-1.3	3	S	0.25	6	S	-2.2	-0.7	-2.2	-4.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	21:25	-0.6	-0.6	-0.6	95	-1.3	4	S	0.33	8	S	-2.9	-0.7	-2.9	-5.2	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	2	5
14/12/2018	21:30	-0.6	-0.6	-0.6	95	-1.3	3	S	0.25	9	S	-2.1	-0.6	-2.2	-4.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	21:35	-0.6	-0.6	-0.6	95	-1.3	3	S	0.25	8	S	-2.1	-0.6	-2.2	-4.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	21:40	-0.6	-0.6	-0.6	95	-1.3	3	S	0.25	6	S	-2.1	-0.6	-2.2	-4.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	21:45	-0.6	-0.6	-0.6	95	-1.3	3	S	0.25	6	S	-2.1	-0.6	-2.2	-4.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	2	5
14/12/2018	21:50	-0.6	-0.6	-0.6	95	-1.3	2	S	0.17	5	S	-1.2	-0.6	-1.2	-3.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	2	5
14/12/2018	21:55	-0.6	-0.6	-0.6	95	-1.3	2	S	0.17	6	S	-1.2	-0.6	-1.2	-3.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	2	5
14/12/2018	22:00	-0.6	-0.6	-0.6	95	-1.3	2	S	0.17	4	S	-1.2	-0.6	-1.2	-3.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	2	5
14/12/2018	22:05	-0.6	-0.6	-0.6	95	-1.3	2	S	0.17	5	S	-1.2	-0.6	-1.2	-3.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	22:10	-0.6	-0.6	-0.6	95	-1.3	2	S	0.17	5	S	-1.2	-0.6	-1.2	-3.5	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	2	5
14/12/2018	22:15	-0.6	-0.6	-0.6	95	-1.3	2	S	0.17	6	S	-1.2	-0.6	-1.2	-3.5	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	2	5
14/12/2018	22:20	-0.6	-0.6	-0.6	95	-1.3	3	S	0.25	4	S	-2.1	-0.6	-2.2	-4.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	22:25	-0.6	-0.5	-0.6	95	-1.3	2	S	0.17	8	S	-1.2	-0.6	-1.2	-3.5	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	22:30	-0.4	-0.4	-0.6	95	-1.1	3	S	0.25	8	S	-2.0	-0.5	-2.1	-4.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	22:35	-0.4	-0.4	-0.5	95	-1.1	3	S	0.25	8	S	-1.9	-0.4	-2.0	-4.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	22:40	-0.4	-0.4	-0.4	95	-1.1	2	S	0.17	5	S	-1.0	-0.4	-1.1	-3.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	22:45	-0.4	-0.4	-0.4	95	-1.1	2	S	0.17	4	S	-1.0	-0.4	-1.1	-3.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	22:50	-0.4	-0.3	-0.4	95	-1.1	2	S	0.17	5	S	-1.0	-0.4	-1.1	-3.3	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	22:55	-0.3	-0.3	-0.4	95	-1.0	0	S	0.00	2	S	-0.3	-0.4	-0.4	-2.7	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	2	5
14/12/2018	23:00	-0.4	-0.3	-0.4	95	-1.1	2	S	0.17	5	S	-1.0	-0.4	-1.1	-3.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.1	3.9	-0.6	1	5
14/12/2018	23:05	-0.4	-0.4	-0.4	95	-1.1	3	S	0.25	5	S	-1.9	-0.4	-2.0	-4.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	62	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	23:10	-0.4	-0.4	-0.4	95	-1.1	3	S	0.25	7	S	-1.9	-0.4	-2.0	-4.3	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	23:15	-0.4	-0.4	-0.4	95	-1.1	3	S	0.25	5	S	-2.0	-0.5	-2.1	-4.3	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	23:20	-0.4	-0.4	-0.4	95	-1.1	3	S	0.25	8	S	-2.0	-0.5	-2.1	-4.3	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.7	3.9	-0.6	1	5
14/12/2018	23:25	-0.4	-0.4	-0.4	95	-1.1	2	S	0.17	5	S	-1.1	-0.5	-1.1	-3.4	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	23:30	-0.5	-0.4	-0.5	95	-1.2	4	S	0.33	8	S	-2.8	-0.6	-2.8	-5.1	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	23:35	-0.5	-0.5	-0.6	95	-1.2	3	S	0.25	5	S	-2.1	-0.6	-2.1	-4.4	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.2	3.9	-0.6	1	5
14/12/2018	23:40	-0.5	-0.5	-0.6	95	-1.2	1	S	0.08	3	S	-0.5	-0.6	-0.6	-2.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	23:45	-0.6	-0.5	-0.6	95	-1.3	2	S	0.17	3	S	-1.2	-0.6	-1.2	-3.5	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.2	3.9	-1.1	1	5
14/12/2018	23:50	-0.6	-0.6	-0.6	95	-1.3	1	S	0.08	3	S	-0.6	-0.6	-0.6	-2.9	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.8	3.9	-1.7	1	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
14/12/2018	23:55	-0.6	-0.6	-0.6	95	-1.3	1	S	0.08	3	S	-0.6	-0.7	-0.7	-2.9	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.8	3.9	-1.7	1	5
15/12/2018	00:00	-0.7	-0.6	-0.7	95	-1.4	1	S	0.08	5	S	-0.7	-0.8	-0.8	-3.1	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.8	3.9	-1.7	1	5
15/12/2018	00:05	-0.7	-0.7	-0.8	95	-1.4	2	S	0.17	3	S	-1.4	-0.8	-1.4	-3.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.8	3.9	-1.1	1	5
15/12/2018	00:10	-0.8	-0.8	-0.8	95	-1.5	2	S	0.17	7	S	-1.4	-0.8	-1.5	-3.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.8	3.9	-1.1	1	5
15/12/2018	00:15	-0.8	-0.8	-0.8	95	-1.5	1	S	0.08	3	S	-0.8	-0.9	-0.9	-3.2	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.8	3.9	-1.1	1	5
15/12/2018	00:20	-0.9	-0.8	-0.9	95	-1.6	2	S	0.17	4	S	-1.6	-0.9	-1.6	-3.9	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.2	3.9	-1.1	1	5
15/12/2018	00:25	-0.9	-0.9	-0.9	95	-1.6	3	S	0.25	5	S	-2.5	-0.9	-2.6	-4.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.2	3.9	-0.6	1	5
15/12/2018	00:30	-0.9	-0.8	-0.9	95	-1.6	2	S	0.17	10	S	-1.6	-0.9	-1.6	-3.9	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-2.2	3.9	-0.6	1	5
15/12/2018	00:35	-0.8	-0.8	-0.9	95	-1.5	3	S	0.25	10	SSW	-2.4	-0.9	-2.5	-4.8	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.7	3.9	-0.6	2	5
15/12/2018	00:40	-0.7	-0.7	-0.8	95	-1.4	4	S	0.33	7	S	-3.0	-0.8	-3.1	-5.3	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.7	3.9	-0.6	1	5
15/12/2018	00:45	-0.7	-0.7	-0.7	95	-1.4	3	S	0.25	5	S	-2.2	-0.7	-2.3	-4.6	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.7	3.9	-0.6	2	5
15/12/2018	00:50	-0.6	-0.6	-0.7	95	-1.3	2	S	0.17	8	S	-1.2	-0.7	-1.3	-3.6	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.1	3.9	-0.6	2	5
15/12/2018	00:55	-0.6	-0.6	-0.7	95	-1.3	3	S	0.25	8	S	-2.1	-0.6	-2.2	-4.4	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.1	3.9	-0.6	2	5
15/12/2018	01:00	-0.5	-0.5	-0.6	95	-1.2	3	S	0.25	8	S	-2.1	-0.6	-2.1	-4.4	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.1	3.9	0.0	2	5
15/12/2018	01:05	-0.4	-0.4	-0.5	95	-1.1	3	S	0.25	7	S	-1.9	-0.4	-2.0	-4.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.1	3.9	0.0	2	5
15/12/2018	01:10	-0.3	-0.3	-0.4	95	-1.0	2	S	0.17	5	S	-0.9	-0.4	-1.0	-3.3	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.1	3.9	0.0	2	5
15/12/2018	01:15	-0.3	-0.3	-0.3	95	-1.0	4	S	0.33	8	S	-2.5	-0.3	-2.6	-4.8	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.1	3.9	0.0	2	5
15/12/2018	01:20	-0.3	-0.2	-0.3	95	-1.0	4	S	0.33	9	S	-2.5	-0.3	-2.6	-4.8	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.07	0.00	0.00	63	2.2	-1.1	3.9	0.0	2	5
15/12/2018	01:25	-0.2	-0.2	-0.3	95	-0.9	3	S	0.25	6	S	-1.7	-0.3	-1.8	-4.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-1.1	3.9	0.0	2	5
15/12/2018	01:30	-0.2	-0.2	-0.2	95	-0.9	2	S	0.17	8	S	-0.8	-0.3	-0.9	-3.2	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-1.1	3.9	0.0	2	5
15/12/2018	01:35	-0.2	-0.2	-0.2	95	-0.9	3	S	0.25	7	S	-1.7	-0.3	-1.8	-4.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-1.1	3.9	0.0	2	5
15/12/2018	01:40	-0.2	-0.2	-0.2	95	-0.9	2	S	0.17	6	S	-0.8	-0.2	-0.8	-3.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-1.1	3.9	0.0	2	5
15/12/2018	01:45	-0.1	-0.1	-0.2	95	-0.8	5	S	0.42	9	S	-2.9	-0.2	-2.9	-5.2	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-1.1	3.9	0.0	3	5
15/12/2018	01:50	-0.1	-0.1	-0.1	95	-0.8	2	S	0.17	7	S	-0.7	-0.2	-0.8	-3.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-1.1	3.9	0.0	3	5
15/12/2018	01:55	-0.1	-0.1	-0.1	95	-0.8	5	S	0.42	11	S	-2.8	-0.1	-2.8	-5.1	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	3	5
15/12/2018	02:00	0.0	0.0	-0.1	95	-0.7	6	S	0.50	13	SSW	-3.2	-0.1	-3.3	-5.6	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	3	5
15/12/2018	02:05	0.1	0.1	0.0	95	-0.6	6	S	0.50	11	SSW	-3.2	0.0	-3.2	-5.5	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	3	5
15/12/2018	02:10	0.1	0.1	0.1	95	-0.6	5	S	0.42	12	SSW	-2.6	0.1	-2.7	-4.9	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	3	5
15/12/2018	02:15	0.1	0.1	0.1	95	-0.6	5	SSW	0.42	12	SSW	-2.6	0.1	-2.7	-4.9	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	3	5
15/12/2018	02:20	0.1	0.2	0.1	95	-0.6	5	SSW	0.42	11	SSW	-2.6	0.1	-2.7	-4.9	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	3	5
15/12/2018	02:25	0.2	0.2	0.1	95	-0.5	5	SSW	0.42	11	SSW	-2.6	0.1	-2.6	-4.8	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	2	5
15/12/2018	02:30	0.2	0.2	0.2	95	-0.5	6	SSW	0.50	13	SSE	-3.0	0.1	-3.1	-5.3	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	02:35	0.2	0.2	0.2	95	-0.5	7	SSW	0.58	11	S	-3.4	0.1	-3.4	-5.6	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	02:40	0.2	0.2	0.2	95	-0.5	3	SSW	0.25	7	SSW	-1.3	0.1	-1.3	-3.6	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.6	2	5
15/12/2018	02:45	0.2	0.2	0.2	94	-0.6	5	SSW	0.42	14	SW	-2.5	0.2	-2.6	-4.8	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	02:50	0.2	0.2	0.2	94	-0.6	5	SSW	0.42	11	SSW	-2.5	0.2	-2.6	-4.8	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	02:55	0.2	0.2	0.2	94	-0.6	6	SW	0.50	11	SSW	-2.9	0.2	-3.0	-5.3	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	03:00	0.2	0.2	0.2	94	-0.7	7	SSW	0.58	13	SSW	-3.4	0.1	-3.4	-5.7	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	03:05	0.2	0.2	0.2	94	-0.6	5	SW	0.42	8	SSW	-2.5	0.2	-2.6	-4.8	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	03:10	0.2	0.2	0.2	94	-0.6	6	SSW	0.50	12	SSW	-2.9	0.2	-3.0	-5.3	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.6	2	5
15/12/2018	03:15	0.2	0.2	0.2	94	-0.6	5	SSW	0.42	11	S	-2.5	0.2	-2.6	-4.8	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.6	2	5
15/12/2018	03:20	0.2	0.2	0.2	93	-0.8	5	SW	0.42	12	S	-2.5	0.2	-2.6	-4.8	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
15/12/2018	03:25	0.2	0.2	0.2	93	-0.8	5	S	0.42	13	SSW	-2.5	0.2	-2.6	-4.8	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	2	5
15/12/2018	03:30	0.2	0.2	0.2	93	-0.8	7	S	0.58	15	SSE	-3.3	0.2	-3.4	-5.6	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.6	2	5
15/12/2018	03:35	0.2	0.2	0.2	93	-0.8	5	S	0.42	13	SSE	-2.5	0.2	-2.6	-4.8	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	2	5
15/12/2018	03:40	0.2	0.3	0.2	93	-0.8	5	S	0.42	12	SSE	-2.5	0.2	-2.6	-4.8	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	2	5
15/12/2018	03:45	0.2	0.2	0.2	92	-0.9	6	S	0.50	10	SSW	-2.9	0.2	-3.0	-5.3	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	03:50	0.2	0.2	0.2	92	-0.9	6	S	0.50	11	SSW	-2.9	0.2	-3.0	-5.3	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	03:55	0.2	0.2	0.2	92	-0.9	5	S	0.42	10	S	-2.5	0.2	-2.6	-4.8	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	04:00	0.2	0.2	0.2	92	-1.0	5	S	0.42	13	SSE	-2.6	0.1	-2.6	-4.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	04:05	0.2	0.2	0.2	91	-1.1	7	S	0.58	13	SSE	-3.3	0.2	-3.4	-5.6	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	2	5
15/12/2018	04:10	0.2	0.2	0.2	91	-1.1	6	SSW	0.50	13	S	-2.9	0.2	-3.0	-5.3	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	2	5
15/12/2018	04:15	0.2	0.2	0.2	91	-1.1	8	S	0.67	15	SSW	-3.7	0.2	-3.8	-5.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	2	5
15/12/2018	04:20	0.2	0.2	0.2	91	-1.1	8	SSW	0.67	15	SSE	-3.7	0.2	-3.8	-5.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	1	5
15/12/2018	04:25	0.2	0.2	0.2	90	-1.2	10	S	0.83	19	SSW	-4.3	0.2	-4.4	-6.4	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	1	5
15/12/2018	04:30	0.2	0.2	0.2	90	-1.2	9	S	0.75	18	SSW	-4.0	0.2	-4.1	-6.1	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	1	5
15/12/2018	04:35	0.2	0.2	0.2	90	-1.2	6	SSW	0.50	14	SSW	-2.9	0.2	-3.0	-5.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	04:40	0.2	0.2	0.2	90	-1.2	6	SSE	0.50	12	SSE	-2.9	0.2	-3.0	-5.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	04:45	0.2	0.2	0.2	89	-1.4	6	S	0.50	13	SSW	-3.0	0.1	-3.1	-5.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	04:50	0.2	0.2	0.2	89	-1.4	4	SSW	0.33	13	S	-2.0	0.1	-2.1	-4.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	04:55	0.2	0.2	0.2	89	-1.4	7	SSW	0.58	15	SSW	-3.4	0.1	-3.4	-5.7	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:00	0.1	0.2	0.1	88	-1.6	5	S	0.42	14	S	-2.6	0.0	-2.7	-5.0	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:05	0.1	0.1	0.1	88	-1.6	7	S	0.58	16	S	-3.5	0.0	-3.6	-5.8	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:10	0.1	0.1	0.1	88	-1.6	6	S	0.50	14	SSW	-3.1	0.0	-3.2	-5.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:15	0.1	0.1	0.1	87	-1.8	8	S	0.67	14	S	-3.8	0.0	-3.9	-6.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:20	0.1	0.1	0.1	87	-1.8	7	SSE	0.58	14	S	-3.5	0.0	-3.6	-5.8	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:25	0.1	0.1	0.1	86	-2.0	8	S	0.67	13	SSW	-3.8	0.0	-3.9	-6.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:30	0.1	0.1	0.1	86	-2.0	8	S	0.67	14	SSE	-3.8	0.0	-3.9	-6.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:35	0.1	0.1	0.1	86	-2.0	9	S	0.75	17	S	-4.2	0.0	-4.3	-6.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:40	0.1	0.1	0.1	86	-2.0	7	SSW	0.58	19	SSW	-3.5	0.0	-3.6	-5.8	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:45	0.1	0.1	0.1	85	-2.1	6	S	0.50	14	S	-3.1	0.0	-3.2	-5.4	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:50	0.1	0.1	0.1	85	-2.1	6	S	0.50	15	SSE	-3.1	0.0	-3.2	-5.4	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	05:55	0.1	0.1	0.1	85	-2.1	7	SSW	0.58	15	S	-3.5	0.0	-3.6	-5.8	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	06:00	0.1	0.1	0.1	85	-2.1	6	S	0.50	12	SSE	-3.1	0.0	-3.2	-5.4	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.03	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	06:05	0.1	0.1	0.1	85	-2.2	6	S	0.50	12	S	-3.2	-0.1	-3.3	-5.6	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	06:10	0.1	0.1	0.1	85	-2.2	6	SSE	0.50	13	SSE	-3.2	-0.1	-3.3	-5.6	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	06:15	0.1	0.1	0.1	85	-2.2	8	S	0.67	15	S	-3.9	-0.1	-4.0	-6.2	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	06:20	0.1	0.1	0.1	85	-2.2	9	SSE	0.75	15	SSE	-4.2	-0.1	-4.3	-6.4	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	06:25	0.1	0.1	0.1	85	-2.2	8	S	0.67	13	S	-3.9	-0.1	-4.0	-6.2	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	06:30	0.1	0.1	0.1	85	-2.2	10	SSE	0.83	19	SSE	-4.5	-0.1	-4.6	-6.6	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	06:35	0.1	0.1	0.1	85	-2.2	8	SSE	0.67	15	SSE	-3.9	-0.1	-4.0	-6.2	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	06:40	0.1	0.1	0.1	85	-2.2	7	SSE	0.58	13	SE	-3.6	-0.1	-3.7	-5.9	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	06:45	0.1	0.1	0.0	85	-2.2	4	S	0.33	10	S	-2.1	-0.1	-2.2	-4.5	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	06:50	0.1	0.1	0.0	85	-2.2	4	SSE	0.33	9	S	-2.1	-0.1	-2.2	-4.5	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
15/12/2018	06:55	0.0	0.1	0.0	85	-2.2	6	S	0.50	11	S	-3.2	-0.1	-3.3	-5.6	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	07:00	0.0	0.0	0.0	85	-2.2	6	S	0.50	12	S	-3.2	-0.1	-3.3	-5.6	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.03	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	07:05	0.0	0.0	0.0	86	-2.1	8	SSW	0.67	18	SSW	-4.0	-0.1	-4.1	-6.3	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	07:10	-0.1	0.0	-0.1	86	-2.1	9	S	0.75	16	SSW	-4.4	-0.2	-4.5	-6.6	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	07:15	-0.1	0.0	-0.1	86	-2.1	6	S	0.50	15	S	-3.3	-0.2	-3.4	-5.7	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	07:20	-0.1	-0.1	-0.1	86	-2.1	8	SSW	0.67	19	SSW	-4.1	-0.2	-4.2	-6.3	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	07:25	-0.1	-0.1	-0.1	86	-2.1	9	S	0.75	17	SSE	-4.4	-0.2	-4.5	-6.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	07:30	-0.1	-0.1	-0.1	86	-2.2	10	SSW	0.83	18	SSW	-4.7	-0.2	-4.8	-6.8	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	07:35	-0.1	-0.1	-0.1	86	-2.2	10	S	0.83	21	SSW	-4.7	-0.2	-4.8	-6.8	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	07:40	-0.1	-0.1	-0.1	86	-2.2	12	S	1.00	19	SSE	-5.3	-0.2	-5.4	-7.3	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	07:45	-0.1	-0.1	-0.1	86	-2.2	9	S	0.75	18	S	-4.4	-0.2	-4.6	-6.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	07:50	-0.1	-0.1	-0.1	86	-2.2	9	S	0.75	21	SSW	-4.4	-0.2	-4.6	-6.6	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	07:55	-0.1	-0.1	-0.1	86	-2.2	9	S	0.75	21	SSW	-4.4	-0.2	-4.6	-6.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:00	-0.1	-0.1	-0.1	86	-2.2	7	S	0.58	16	S	-3.7	-0.2	-3.8	-6.1	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.03	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:05	-0.1	-0.1	-0.2	86	-2.2	7	S	0.58	14	SSE	-3.7	-0.2	-3.8	-6.1	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	08:10	-0.1	-0.1	-0.1	87	-2.0	8	S	0.67	17	SSW	-4.1	-0.2	-4.2	-6.4	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-1.1	3.9	0.0	0	5
15/12/2018	08:15	-0.1	-0.1	-0.2	87	-2.0	8	SSE	0.67	18	SE	-4.1	-0.2	-4.2	-6.4	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:20	-0.2	-0.1	-0.2	87	-2.1	9	S	0.75	16	SSE	-4.5	-0.3	-4.6	-6.7	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:25	-0.2	-0.1	-0.2	87	-2.1	7	S	0.58	17	SSW	-3.8	-0.3	-3.9	-6.2	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:30	-0.2	-0.1	-0.2	87	-2.1	9	S	0.75	19	SSW	-4.5	-0.3	-4.6	-6.7	29.94	0.0	0.0	3	0.02	5	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:35	-0.1	-0.1	-0.2	87	-2.0	8	SSE	0.67	17	SE	-4.1	-0.2	-4.2	-6.3	29.93	0.0	0.0	6	0.04	7	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:40	-0.1	-0.1	-0.2	87	-2.0	12	S	1.00	21	S	-5.3	-0.2	-5.4	-7.2	29.94	0.0	0.0	7	0.05	9	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:45	-0.1	-0.1	-0.2	87	-2.0	10	S	0.83	19	SSW	-4.7	-0.2	-4.8	-6.8	29.93	0.0	0.0	8	0.06	9	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:50	-0.1	-0.1	-0.1	87	-2.0	10	S	0.83	19	SSE	-4.7	-0.2	-4.8	-6.8	29.93	0.0	0.0	7	0.05	9	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	08:55	-0.1	-0.1	-0.1	87	-2.0	8	SSE	0.67	16	SSE	-4.1	-0.2	-4.2	-6.3	29.93	0.0	0.0	9	0.06	9	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:00	-0.1	-0.1	-0.1	87	-2.0	7	S	0.58	15	S	-3.7	-0.2	-3.8	-5.9	29.92	0.0	0.0	9	0.06	11	0	0.00	0.00	0.06	0.00	0.03	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:05	-0.1	-0.1	-0.1	87	-2.0	10	SSE	0.83	20	SSW	-4.7	-0.2	-4.8	-6.7	29.92	0.0	0.0	11	0.08	11	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:10	-0.1	-0.1	-0.1	87	-2.0	7	S	0.58	17	SE	-3.7	-0.2	-3.8	-5.9	29.92	0.0	0.0	12	0.09	14	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:15	-0.1	-0.1	-0.1	88	-1.9	11	SSE	0.92	22	SSW	-5.0	-0.2	-5.1	-6.9	29.91	0.0	0.0	16	0.11	18	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:20	-0.1	-0.1	-0.1	88	-1.9	13	S	1.08	24	SSE	-5.5	-0.2	-5.6	-7.2	29.91	0.0	0.0	18	0.13	19	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:25	-0.1	-0.1	-0.1	88	-1.9	12	SSE	1.00	22	SSW	-5.3	-0.2	-5.4	-7.1	29.91	0.0	0.0	21	0.15	21	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:30	-0.1	-0.1	-0.1	88	-1.9	9	S	0.75	25	SSW	-4.4	-0.2	-4.6	-6.4	29.91	0.0	0.0	22	0.16	23	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:35	-0.1	-0.1	-0.1	88	-1.9	10	S	0.83	25	SE	-4.7	-0.2	-4.8	-6.6	29.91	0.0	0.0	23	0.16	23	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:40	-0.1	-0.1	-0.1	88	-1.9	8	S	0.67	20	SSW	-4.1	-0.2	-4.2	-6.1	29.91	0.0	0.0	24	0.17	25	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:45	-0.1	-0.1	-0.1	88	-1.9	7	S	0.58	16	SSE	-3.7	-0.2	-3.8	-5.9	29.91	0.0	0.0	22	0.16	25	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	09:50	-0.1	-0.1	-0.2	88	-1.9	8	S	0.67	18	SSW	-4.1	-0.2	-4.2	-6.2	29.91	0.0	0.0	20	0.14	21	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	2	5
15/12/2018	09:55	-0.2	-0.1	-0.2	88	-1.9	10	SSE	0.83	20	SSE	-4.8	-0.3	-4.9	-6.7	29.91	0.0	0.0	16	0.11	21	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	2	5
15/12/2018	10:00	-0.2	-0.1	-0.2	88	-1.9	10	S	0.83	19	S	-4.8	-0.3	-4.9	-5.9	29.90	0.0	0.0	14	0.10	16	0	0.00	0.00	0.06	0.00	0.03	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:05	-0.2	-0.2	-0.2	88	-1.9	7	S	0.58	15	S	-3.8	-0.3	-3.9	-5.2	29.90	0.0	0.0	14	0.10	16	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:10	-0.2	-0.2	-0.2	88	-1.9	11	SSE	0.92	20	SSE	-5.1	-0.3	-5.2	-6.2	29.90	0.0	0.0	16	0.11	18	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:15	-0.2	-0.2	-0.2	88	-1.9	8	S	0.67	21	SSW	-4.2	-0.3	-4.3	-5.4	29.90	0.0	0.0	17	0.12	18	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:20	-0.2	-0.2	-0.2	88	-1.9	9	S	0.75	18	SSE	-4.5	-0.3	-4.6	-5.7	29.89	0.0	0.0	17	0.12	18	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
15/12/2018	10:25	-0.2	-0.2	-0.2	88	-1.9	9	S	0.75	21	SE	-4.5	-0.3	-4.6	-5.6	29.88	0.0	0.0	21	0.15	25	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:30	-0.2	-0.2	-0.2	89	-1.8	8	SSE	0.67	18	SE	-4.2	-0.2	-4.2	-5.3	29.88	0.0	0.0	20	0.14	23	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:35	-0.2	-0.2	-0.2	89	-1.8	7	S	0.58	17	SSW	-3.8	-0.2	-3.9	-5.1	29.88	0.0	0.0	16	0.11	18	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:40	-0.2	-0.2	-0.2	89	-1.8	9	SSE	0.75	22	SSE	-4.5	-0.2	-4.6	-5.6	29.88	0.0	0.0	17	0.12	19	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:45	-0.2	-0.2	-0.2	89	-1.8	6	SSE	0.50	16	SSW	-3.4	-0.2	-3.4	-4.5	29.87	0.0	0.0	22	0.16	26	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:50	-0.1	-0.1	-0.2	89	-1.7	8	S	0.67	16	SE	-4.1	-0.2	-4.2	-4.9	29.87	0.0	0.0	31	0.22	33	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	10:55	-0.1	-0.1	-0.2	89	-1.7	11	SSE	0.92	23	SSE	-5.0	-0.2	-5.1	-5.6	29.86	0.0	0.0	37	0.27	44	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	11:00	-0.1	-0.1	-0.1	89	-1.7	9	SSE	0.75	19	SSE	-4.4	-0.1	-4.4	-4.8	29.86	0.0	0.0	43	0.31	49	0	0.00	0.00	0.06	0.00	0.03	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	11:05	-0.1	-0.1	-0.1	89	-1.7	9	S	0.75	19	S	-4.4	-0.1	-4.4	-4.9	29.85	0.0	0.0	40	0.29	42	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	11:10	-0.1	0.0	-0.1	89	-1.7	7	SSE	0.58	13	S	-3.7	-0.1	-3.7	-4.3	29.85	0.0	0.0	40	0.29	42	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	11:15	0.0	0.0	-0.1	89	-1.6	9	SSE	0.75	17	SSE	-4.3	-0.1	-4.3	-4.8	29.84	0.0	0.0	42	0.30	44	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	11:20	0.1	0.1	0.0	89	-1.5	10	S	0.83	19	S	-4.5	0.0	-4.6	-5.1	29.84	0.0	0.0	39	0.28	40	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	11:25	0.1	0.1	0.1	89	-1.5	8	SSE	0.67	16	SE	-3.8	0.1	-3.9	-4.5	29.83	0.0	0.0	37	0.27	39	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	1	5
15/12/2018	11:30	0.1	0.1	0.1	89	-1.5	10	SSE	0.83	23	SSW	-4.4	0.1	-4.5	-5.1	29.83	0.0	0.0	34	0.24	35	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	11:35	0.1	0.1	0.1	89	-1.5	12	SSE	1.00	23	SSE	-5.0	0.1	-5.1	-5.7	29.83	0.0	0.0	35	0.25	35	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	11:40	0.1	0.1	0.1	90	-1.3	9	SSE	0.75	18	SSW	-4.2	0.1	-4.2	-4.7	29.83	0.0	0.0	40	0.29	44	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	11:45	0.1	0.1	0.1	90	-1.4	8	SSE	0.67	17	S	-3.9	0.0	-3.9	-4.4	29.82	0.0	0.0	46	0.33	51	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	11:50	0.1	0.1	0.1	90	-1.4	11	SSE	0.92	26	SSE	-4.8	0.0	-4.8	-5.1	29.81	0.0	0.0	49	0.35	53	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	11:55	0.1	0.1	0.1	90	-1.3	10	SSE	0.83	19	SE	-4.4	0.1	-4.5	-4.7	29.81	0.0	0.0	52	0.37	54	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	12:00	0.1	0.1	0.1	90	-1.3	8	SSE	0.67	14	SSE	-3.8	0.1	-3.9	-4.3	29.80	0.0	0.0	45	0.32	49	0	0.00	0.00	0.06	0.00	0.03	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	12:05	0.1	0.2	0.1	90	-1.3	9	SSE	0.75	19	SSE	-4.2	0.1	-4.2	-4.5	29.80	0.0	0.0	51	0.37	56	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	12:10	0.1	0.2	0.1	90	-1.3	12	SSE	1.00	20	S	-5.0	0.1	-5.1	-5.4	29.79	0.0	0.0	48	0.34	53	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	1	5
15/12/2018	12:15	0.2	0.2	0.1	90	-1.3	11	SSE	0.92	22	SE	-4.7	0.1	-4.7	-5.2	29.79	0.0	0.0	39	0.28	44	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	2	5
15/12/2018	12:20	0.2	0.2	0.1	90	-1.3	11	SSE	0.92	17	SSE	-4.7	0.1	-4.7	-5.2	29.78	0.0	0.0	39	0.28	40	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	12:25	0.1	0.1	0.1	90	-1.3	11	SSE	0.92	19	SE	-4.7	0.1	-4.8	-5.2	29.78	0.0	0.0	41	0.29	42	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	12:30	0.2	0.2	0.1	90	-1.3	13	SSE	1.08	22	S	-5.2	0.1	-5.2	-5.7	29.77	0.0	0.0	41	0.29	44	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	12:35	0.2	0.2	0.1	90	-1.3	11	SSE	0.92	21	SSE	-4.7	0.1	-4.7	-5.2	29.76	0.0	0.0	40	0.29	42	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	12:40	0.2	0.2	0.2	90	-1.3	12	SSE	1.00	23	SE	-4.9	0.1	-4.9	-5.4	29.76	0.0	0.0	41	0.29	42	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.6	0	5
15/12/2018	12:45	0.2	0.2	0.2	90	-1.2	12	SSE	1.00	22	SSE	-4.8	0.2	-4.9	-5.3	29.76	0.0	0.0	45	0.32	46	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.6	0	5
15/12/2018	12:50	0.2	0.2	0.2	90	-1.2	12	SSE	1.00	22	SSE	-4.8	0.2	-4.9	-5.3	29.75	0.0	0.0	42	0.30	44	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.6	0	5
15/12/2018	12:55	0.3	0.3	0.2	90	-1.2	11	SSE	0.92	22	SSE	-4.5	0.2	-4.6	-5.1	29.75	0.0	0.0	41	0.29	42	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	1	5
15/12/2018	13:00	0.3	0.3	0.3	90	-1.2	12	SSE	1.00	23	SE	-4.8	0.2	-4.9	-5.5	29.74	0.0	0.0	34	0.24	39	0	0.00	0.00	0.06	0.00	0.03	65	2.2	0.0	3.9	0.0	0	5
15/12/2018	13:05	0.3	0.3	0.3	90	-1.2	10	SSE	0.83	20	SSE	-4.3	0.2	-4.4	-5.3	29.74	0.0	0.0	24	0.17	28	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	1	5
15/12/2018	13:10	0.3	0.3	0.3	90	-1.2	10	SSE	0.83	22	SSE	-4.3	0.2	-4.4	-5.3	29.74	0.0	0.0	24	0.17	26	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	13:15	0.3	0.3	0.2	90	-1.2	10	SSE	0.83	24	SE	-4.3	0.2	-4.4	-5.1	29.73	0.0	0.0	30	0.22	32	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.6	0	5
15/12/2018	13:20	0.3	0.3	0.2	90	-1.2	13	SSE	1.08	23	SSE	-5.0	0.2	-5.1	-5.7	29.73	0.0	0.0	31	0.22	32	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.6	1	5
15/12/2018	13:25	0.3	0.3	0.3	90	-1.2	11	SSE	0.92	19	SSE	-4.5	0.2	-4.6	-5.3	29.72	0.0	0.0	29	0.21	32	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	3	5
15/12/2018	13:30	0.3	0.3	0.3	90	-1.2	12	SSE	1.00	23	SSE	-4.8	0.2	-4.9	-5.8	29.72	0.0	0.0	22	0.16	25	0	0.00	0.00	0.06	0.00	0.00	65	2.2	0.0	3.9	0.0	3	5
15/12/2018	13:35	0.3	0.3	0.3	90	-1.1	10	S	0.83	21	SSW	-4.2	0.2	-4.3	-5.3	29.72	0.0	0.0	17	0.12	19	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	2	5
15/12/2018	13:40	0.3	0.3	0.3	90	-1.2	12	SSE	1.00	22	S	-4.8	0.2	-4.9	-5.9	29.72	0.0	0.0	16	0.11	16	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	1	5
15/12/2018	13:45	0.3	0.3	0.3	90	-1.2	11	S	0.92	25	SE	-4.5	0.2	-4.6	-5.7	29.71	0.0	0.0	15	0.11	16	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	0	5
15/12/2018	13:50	0.3	0.3	0.3	90	-1.2	11	SSE	0.92	21	SSE	-4.5	0.2	-4.6	-5.7	29.71	0.0	0.0	16	0.11	16	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	4	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
15/12/2018	13:55	0.3	0.3	0.3	90	-1.1	12	SSE	1.00	22	S	-4.7	0.2	-4.8	-5.8	29.70	0.0	0.0	16	0.11	18	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	0.0	4	5
15/12/2018	14:00	0.3	0.3	0.3	90	-1.1	10	SSE	0.83	27	SSE	-4.2	0.2	-4.3	-5.3	29.70	0.0	0.0	17	0.12	18	0	0.00	0.00	0.06	0.00	0.03	65	2.2	-0.6	3.9	0.0	14	5
15/12/2018	14:05	0.3	0.3	0.3	90	-1.1	9	SSE	0.75	21	S	-3.9	0.2	-4.0	-5.1	29.69	0.0	0.0	15	0.11	16	0	0.00	0.00	0.06	0.00	0.00	65	2.2	-0.6	3.9	-0.6	15	5
15/12/2018	14:10	0.3	0.3	0.3	91	-1.0	10	S	0.83	20	SSE	-4.2	0.3	-4.2	-5.3	29.68	0.0	0.0	12	0.09	12	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	-0.6	15	5
15/12/2018	14:15	0.3	0.3	0.3	91	-1.0	10	SSE	0.83	19	SSE	-4.2	0.3	-4.2	-5.4	29.68	0.0	0.0	8	0.06	9	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	-0.6	15	5
15/12/2018	14:20	0.3	0.3	0.3	91	-1.0	11	S	0.92	23	SSW	-4.5	0.2	-4.6	-5.8	29.68	0.0	0.0	7	0.05	7	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	-0.6	15	5
15/12/2018	14:25	0.3	0.3	0.3	91	-1.0	8	S	0.67	14	SW	-3.6	0.2	-3.7	-5.1	29.67	0.0	0.0	7	0.05	7	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	-0.6	15	5
15/12/2018	14:30	0.3	0.3	0.3	92	-0.9	8	SSE	0.67	23	SSE	-3.6	0.2	-3.7	-5.1	29.67	0.0	0.0	6	0.04	7	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	-0.6	15	5
15/12/2018	14:35	0.3	0.3	0.3	92	-0.9	10	SSE	0.83	18	SSE	-4.3	0.2	-4.3	-5.9	29.67	0.0	0.0	7	0.05	7	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	-0.6	15	5
15/12/2018	14:40	0.3	0.3	0.3	92	-0.9	11	S	0.92	21	SSE	-4.5	0.2	-4.6	-6.1	29.66	0.0	0.0	6	0.04	7	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	14:45	0.3	0.3	0.3	92	-0.9	10	S	0.83	17	S	-4.3	0.2	-4.3	-5.9	29.65	0.0	0.0	5	0.04	5	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	14:50	0.3	0.3	0.3	93	-0.7	9	SSE	0.75	17	SSE	-3.9	0.2	-4.0	-5.6	29.65	0.0	0.0	5	0.04	5	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	14:55	0.3	0.3	0.3	93	-0.7	11	SSE	0.92	21	SSE	-4.5	0.2	-4.6	-6.1	29.64	0.0	0.0	3	0.02	5	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:00	0.3	0.3	0.3	93	-0.7	10	S	0.83	19	S	-4.3	0.2	-4.3	-5.9	29.64	0.2	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:05	0.3	0.3	0.3	93	-0.7	7	SSW	0.58	14	SSE	-3.3	0.2	-3.3	-5.2	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:10	0.3	0.3	0.3	93	-0.7	5	SSE	0.42	12	SSE	-2.4	0.2	-2.4	-4.3	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:15	0.3	0.3	0.3	93	-0.7	7	SSW	0.58	14	SE	-3.3	0.2	-3.3	-5.2	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:20	0.3	0.3	0.3	94	-0.6	8	SSE	0.67	16	SSE	-3.6	0.2	-3.7	-5.4	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:25	0.3	0.3	0.3	94	-0.5	8	S	0.67	15	SSE	-3.6	0.3	-3.6	-5.3	29.61	0.2	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:30	0.3	0.3	0.3	94	-0.5	10	S	0.83	20	S	-4.2	0.3	-4.2	-5.8	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:35	0.3	0.3	0.3	94	-0.5	7	SSE	0.58	14	SSE	-3.2	0.3	-3.3	-5.1	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:40	0.3	0.3	0.3	94	-0.5	6	S	0.50	13	S	-2.8	0.3	-2.9	-4.7	29.59	0.2	1.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:45	0.3	0.3	0.3	94	-0.5	10	S	0.83	17	S	-4.2	0.3	-4.2	-5.8	29.59	0.0	1.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:50	0.3	0.4	0.3	95	-0.4	9	SSE	0.75	17	S	-3.9	0.3	-3.9	-5.6	29.59	0.2	1.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	15:55	0.4	0.4	0.3	95	-0.3	11	S	0.92	22	SSE	-4.4	0.3	-4.4	-6.0	29.59	0.0	1.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:00	0.4	0.4	0.3	95	-0.3	8	S	0.67	17	S	-3.5	0.3	-3.6	-5.3	29.58	0.2	1.6	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:05	0.4	0.4	0.3	95	-0.3	6	SSW	0.50	12	SSE	-2.7	0.3	-2.8	-4.6	29.58	0.0	1.2	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:10	0.4	0.4	0.4	95	-0.3	7	SSW	0.58	17	SSW	-3.2	0.3	-3.2	-5.1	29.58	0.2	1.2	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:15	0.4	0.4	0.4	95	-0.3	7	S	0.58	17	S	-3.2	0.3	-3.2	-5.1	29.56	0.2	2.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:20	0.4	0.4	0.4	95	-0.3	9	S	0.75	16	S	-3.8	0.4	-3.8	-5.5	29.56	0.2	2.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:25	0.4	0.4	0.4	95	-0.3	8	SSE	0.67	17	S	-3.4	0.4	-3.5	-5.2	29.55	0.0	1.6	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	64	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:30	0.4	0.4	0.4	95	-0.3	9	SSE	0.75	20	SSE	-3.8	0.4	-3.8	-5.5	29.54	0.2	1.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:35	0.4	0.4	0.4	95	-0.3	11	S	0.92	21	SSE	-4.3	0.4	-4.4	-5.9	29.54	0.2	1.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:40	0.4	0.4	0.4	95	-0.3	10	SSE	0.83	21	S	-4.1	0.4	-4.1	-5.7	29.54	0.0	1.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:45	0.4	0.5	0.4	96	-0.1	5	S	0.42	13	S	-2.2	0.4	-2.3	-4.1	29.53	0.2	1.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:50	0.5	0.5	0.4	96	-0.1	8	S	0.67	20	SE	-3.4	0.4	-3.4	-5.2	29.53	0.2	1.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	15	5
15/12/2018	16:55	0.5	0.5	0.4	96	-0.1	9	SSE	0.75	18	SE	-3.7	0.4	-3.7	-5.4	29.52	0.2	2.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	63	2.2	-0.6	3.9	0.0	15	5
15/12/2018	17:00	0.5	0.5	0.5	96	-0.1	9	SSE	0.75	20	SSE	-3.7	0.4	-3.7	-5.4	29.52	0.0	1.6	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	62	2.2	-0.6	3.9	0.0	14	5
15/12/2018	17:05	0.5	0.5	0.5	96	-0.1	6	S	0.50	16	SSW	-2.6	0.4	-2.7	-4.5	29.51	0.2	1.6	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	62	2.2	-0.6	3.9	0.0	14	5
15/12/2018	17:10	0.5	0.5	0.5	96	-0.1	10	SSE	0.83	17	SSW	-4.0	0.4	-4.1	-5.7	29.51	0.2	2.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	62	2.2	-0.6	3.9	0.0	14	5
15/12/2018	17:15	0.6	0.6	0.5	96	0.0	8	S	0.67	17	S	-3.3	0.5	-3.3	-5.1	29.50	0.2	2.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-0.6	3.9	0.0	13	5
15/12/2018	17:20	0.6	0.6	0.5	96	0.0	10	SE	0.83	24	S	-3.9	0.5	-3.9	-5.6	29.48	0.2	2.4	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	2.2	-0.6	3.9	0.0	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
15/12/2018	17:25	0.6	0.6	0.6	96	0.0	12	SSE	1.00	24	S	-4.4	0.5	-4.5	-6.0	29.49	0.4	5.6	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-0.6	3.9	0.0	13	5
15/12/2018	17:30	0.6	0.6	0.6	96	0.0	10	SSE	0.83	21	SSE	-3.9	0.5	-3.9	-5.6	29.48	0.4	8.2	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-0.6	3.9	0.0	13	5
15/12/2018	17:35	0.6	0.6	0.6	96	0.0	10	SSE	0.83	21	SSE	-3.9	0.5	-3.9	-5.6	29.48	0.2	5.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-0.6	3.9	0.0	14	5
15/12/2018	17:40	0.6	0.6	0.6	96	0.0	7	SSE	0.58	13	SSE	-2.9	0.5	-3.0	-4.8	29.48	0.2	3.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.2	-0.6	3.9	0.0	13	5
15/12/2018	17:45	0.6	0.6	0.6	96	0.0	7	S	0.58	17	SSE	-2.9	0.5	-3.0	-4.8	29.49	0.4	3.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	2.2	-0.6	3.9	0.0	13	5
15/12/2018	17:50	0.6	0.6	0.6	96	0.0	8	S	0.67	15	SW	-3.3	0.5	-3.3	-5.1	29.48	0.2	3.6	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	2.2	-0.6	3.9	0.0	13	5
15/12/2018	17:55	0.6	0.6	0.6	96	0.0	10	S	0.83	18	S	-3.8	0.6	-3.9	-5.5	29.48	0.4	4.2	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.0	15	5
15/12/2018	18:00	0.6	0.6	0.6	97	0.2	8	S	0.67	16	S	-3.2	0.6	-3.3	-5.0	29.49	0.4	5.2	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.0	15	5
15/12/2018	18:05	0.6	0.7	0.6	97	0.2	7	SSW	0.58	13	SSW	-2.9	0.6	-2.9	-4.8	29.49	0.4	6.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.0	14	5
15/12/2018	18:10	0.7	0.7	0.6	97	0.2	8	SSW	0.67	18	SSW	-3.2	0.6	-3.2	-4.9	29.47	0.4	6.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	14	5
15/12/2018	18:15	0.7	0.7	0.7	97	0.2	8	S	0.67	18	SSE	-3.2	0.6	-3.2	-4.9	29.47	0.2	3.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	14	5
15/12/2018	18:20	0.7	0.7	0.7	96	0.1	10	S	0.83	19	SSW	-3.8	0.6	-3.8	-5.4	29.46	0.0	1.6	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	15	5
15/12/2018	18:25	0.7	0.7	0.7	97	0.3	10	S	0.83	20	SSE	-3.7	0.7	-3.8	-5.4	29.46	0.2	1.6	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	15	5
15/12/2018	18:30	0.7	0.7	0.7	97	0.3	8	SSE	0.67	15	S	-3.1	0.7	-3.2	-4.9	29.45	0.0	1.2	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	15	5
15/12/2018	18:35	0.8	0.8	0.7	97	0.4	8	S	0.67	17	S	-3.0	0.7	-3.1	-4.8	29.45	0.2	1.2	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	15	5
15/12/2018	18:40	0.8	0.8	0.8	97	0.4	10	S	0.83	21	S	-3.6	0.7	-3.7	-5.3	29.45	0.0	1.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	15	5
15/12/2018	18:45	0.8	0.8	0.8	97	0.4	11	S	0.92	19	S	-3.8	0.8	-3.9	-5.4	29.44	0.2	1.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	15	5
15/12/2018	18:50	0.9	0.9	0.9	97	0.5	12	S	1.00	30	SSW	-4.0	0.8	-4.1	-5.6	29.44	0.0	1.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	15	5
15/12/2018	18:55	0.9	1.0	0.9	97	0.5	12	S	1.00	29	SSW	-3.9	0.9	-4.0	-5.5	29.44	0.0	1.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	15	5
15/12/2018	19:00	1.0	1.0	0.9	97	0.6	11	S	0.92	23	S	-3.6	0.9	-3.7	-5.2	29.44	0.0	0.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	0.6	15	5
15/12/2018	19:05	1.1	1.1	1.0	97	0.6	13	SSW	1.08	26	S	-4.0	1.0	-4.1	-5.4	29.43	0.2	0.8	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	1.1	15	5
15/12/2018	19:10	1.1	1.1	1.1	97	0.7	13	SSW	1.08	28	SSW	-3.9	1.1	-4.0	-5.4	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	1.1	15	5
15/12/2018	19:15	1.2	1.2	1.1	97	0.7	12	S	1.00	24	SSW	-3.7	1.1	-3.7	-5.2	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	1.1	15	5
15/12/2018	19:20	1.2	1.2	1.2	97	0.8	13	S	1.08	26	SSE	-3.8	1.2	-3.8	-5.2	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	1.1	15	5
15/12/2018	19:25	1.3	1.3	1.2	97	0.9	14	S	1.17	24	SSE	-3.9	1.3	-3.9	-5.3	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	1.1	15	5
15/12/2018	19:30	1.3	1.3	1.3	97	0.9	12	SSE	1.00	25	S	-3.5	1.3	-3.5	-4.9	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	1.1	15	5
15/12/2018	19:35	1.3	1.3	1.3	97	0.9	14	SSE	1.17	31	SSW	-3.9	1.3	-3.9	-5.3	29.40	0.2	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	1.1	15	5
15/12/2018	19:40	1.4	1.4	1.3	97	1.0	13	S	1.08	25	SSE	-3.6	1.4	-3.6	-5.0	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.0	3.9	1.1	15	5
15/12/2018	19:45	1.4	1.4	1.4	97	1.0	11	S	0.92	21	SSE	-3.1	1.4	-3.1	-4.6	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.6	3.9	1.1	15	5
15/12/2018	19:50	1.5	1.5	1.4	97	1.1	9	S	0.75	19	SSW	-2.4	1.5	-2.4	-4.1	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.6	3.9	1.1	15	5
15/12/2018	19:55	1.6	1.6	1.4	97	1.1	13	S	1.08	26	SSE	-3.4	1.6	-3.4	-4.8	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.6	3.9	1.7	15	5
15/12/2018	20:00	1.7	1.7	1.6	97	1.2	12	SSE	1.00	26	SE	-3.0	1.7	-3.0	-4.4	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.6	3.9	1.7	15	5
15/12/2018	20:05	1.7	1.7	1.7	98	1.4	12	S	1.00	24	SSE	-2.9	1.8	-2.9	-4.3	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.6	3.9	1.7	15	5
15/12/2018	20:10	1.8	1.8	1.7	98	1.6	11	S	0.92	20	S	-2.6	1.9	-2.5	-4.0	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.6	3.9	1.7	15	5
15/12/2018	20:15	1.9	1.9	1.8	98	1.6	11	SSE	0.92	22	S	-2.5	1.9	-2.4	-3.9	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	0.6	3.9	1.7	15	5
15/12/2018	20:20	2.0	2.0	1.9	98	1.7	11	S	0.92	22	SSW	-2.4	2.1	-2.3	-3.8	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	1.1	3.9	1.7	15	5
15/12/2018	20:25	2.1	2.1	2.0	98	1.8	12	S	1.00	23	S	-2.6	2.1	-2.5	-3.9	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	1.1	3.9	2.2	15	5
15/12/2018	20:30	2.2	2.2	2.1	98	1.9	11	SSW	0.92	23	SSE	-2.2	2.2	-2.1	-3.6	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	1.1	3.9	2.2	15	5
15/12/2018	20:35	2.3	2.3	2.2	98	2.0	12	SSW	1.00	23	WSW	-2.3	2.3	-2.2	-3.7	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	1.1	3.9	2.2	15	5
15/12/2018	20:40	2.4	2.4	2.3	98	2.1	15	S	1.25	27	SSW	-2.7	2.4	-2.7	-4.0	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	2.2	1.1	3.9	2.2	15	5
15/12/2018	20:45	2.5	2.5	2.4	98	2.2	14	S	1.17	26	SSW	-2.4	2.6	-2.3	-3.7	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	2.2	1.1	3.9	2.2	15	5
15/12/2018	20:50	2.6	2.6	2.5	98	2.3	11	SSW	0.92	24	S	-1.6	2.7	-1.6	-3.0	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	2.2	1.1	3.9	2.8	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
15/12/2018	20:55	2.7	2.7	2.6	98	2.4	12	SSW	1.00	21	S	-1.8	2.7	-1.7	-3.1	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	1.7	3.9	2.8	15	5
15/12/2018	21:00	2.8	2.8	2.7	98	2.5	12	SSW	1.00	19	S	-1.6	2.8	-1.6	-2.9	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	1.7	3.9	2.8	15	5
15/12/2018	21:05	2.9	2.9	2.8	98	2.6	12	SSW	1.00	22	S	-1.5	2.9	-1.4	-2.8	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	1.7	3.9	2.8	15	5
15/12/2018	21:10	3.1	3.1	2.9	98	2.8	11	S	0.92	23	SSW	-1.1	3.1	-1.0	-2.4	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	1.7	3.9	3.3	15	5
15/12/2018	21:15	3.2	3.2	3.1	98	2.9	13	SSW	1.08	24	SSW	-1.3	3.3	-1.2	-2.6	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	1.7	3.9	3.3	15	5
15/12/2018	21:20	3.4	3.4	3.2	98	3.1	14	SSW	1.17	26	SSW	-1.3	3.4	-1.2	-2.6	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	2.2	3.9	3.3	15	5
15/12/2018	21:25	3.6	3.6	3.4	98	3.3	15	SSW	1.25	25	SSW	-1.2	3.7	-1.1	-2.4	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	2.2	3.9	3.9	15	5
15/12/2018	21:30	3.8	3.8	3.6	98	3.5	13	S	1.08	24	SSW	-0.6	3.8	-0.5	-1.9	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	2.2	3.9	3.9	15	5
15/12/2018	21:35	3.9	3.9	3.8	98	3.6	13	S	1.08	24	SSW	-0.4	3.9	-0.4	-1.8	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	2.2	3.9	3.9	15	5
15/12/2018	21:40	4.0	4.0	3.9	98	3.7	13	SSW	1.08	21	S	-0.3	4.1	-0.2	-1.6	29.34	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.2	2.2	3.9	3.9	15	5
15/12/2018	21:45	4.1	4.1	4.0	98	3.8	11	S	0.92	19	SSW	0.3	4.2	0.3	-1.1	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.2	2.8	3.9	3.9	15	5
15/12/2018	21:50	4.3	4.3	4.1	99	4.1	13	SSW	1.08	22	SSW	0.1	4.4	0.2	-1.2	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.2	2.8	3.9	4.4	15	5
15/12/2018	21:55	4.4	4.4	4.3	98	4.2	11	SSW	0.92	20	SW	0.7	4.6	0.8	-0.6	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.2	2.8	3.9	4.4	15	5
15/12/2018	22:00	4.8	4.8	4.4	99	4.6	16	SSW	1.33	32	SW	0.1	4.9	0.2	-1.0	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.2	3.3	3.9	5.0	15	5
15/12/2018	22:05	5.2	5.2	4.8	99	5.0	14	SW	1.17	33	SW	0.9	5.3	1.0	-0.3	29.34	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.2	3.3	3.9	5.0	15	5
15/12/2018	22:10	5.4	5.4	5.2	99	5.3	17	SW	1.42	30	SSW	0.7	5.6	0.8	-0.3	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.2	3.3	3.9	5.6	15	5
15/12/2018	22:15	5.6	5.6	5.4	99	5.5	18	SW	1.50	29	SW	0.8	5.7	0.9	-0.2	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.2	3.3	3.9	5.6	15	5
15/12/2018	22:20	5.7	5.7	5.6	99	5.6	18	SW	1.50	29	WSW	0.9	5.8	1.0	-0.1	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.2	3.3	3.9	5.6	15	5
15/12/2018	22:25	5.8	5.8	5.7	99	5.7	18	SW	1.50	30	SSW	1.0	5.9	1.1	0.0	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.2	3.3	3.9	5.6	15	5
15/12/2018	22:30	5.9	5.9	5.8	99	5.7	17	SW	1.42	32	WSW	1.2	6.0	1.3	0.2	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	5.6	15	5
15/12/2018	22:35	5.9	5.9	5.9	98	5.6	17	SW	1.42	29	WSW	1.2	6.0	1.3	0.2	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	5.6	15	5
15/12/2018	22:40	5.9	5.9	5.9	98	5.7	18	WSW	1.50	31	SW	1.2	6.1	1.3	0.2	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	5.6	15	5
15/12/2018	22:45	5.9	6.0	5.9	98	5.7	19	SW	1.58	31	WSW	1.0	6.1	1.1	0.1	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	6.1	15	5
15/12/2018	22:50	6.0	6.0	5.9	98	5.7	17	WSW	1.42	28	SW	1.4	6.1	1.5	0.4	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	6.1	15	5
15/12/2018	22:55	6.0	6.0	6.0	98	5.7	15	SW	1.25	31	WSW	1.7	6.1	1.8	0.6	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	6.1	15	5
15/12/2018	23:00	6.1	6.1	6.0	97	5.6	19	SW	1.58	30	SW	1.1	6.2	1.2	0.2	29.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	6.1	15	5
15/12/2018	23:05	6.1	6.1	6.0	97	5.6	19	WSW	1.58	38	W	1.1	6.2	1.2	0.2	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	6.1	15	5
15/12/2018	23:10	6.1	6.1	6.1	97	5.7	21	WSW	1.75	37	W	0.9	6.2	1.1	0.1	29.35	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	6.1	15	5
15/12/2018	23:15	6.1	6.1	6.1	97	5.7	20	WSW	1.67	34	WSW	1.1	6.2	1.2	0.1	29.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	5.6	15	5
15/12/2018	23:20	6.2	6.2	6.1	96	5.6	18	WSW	1.50	36	SW	1.4	6.2	1.4	0.3	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	5.6	15	5
15/12/2018	23:25	6.2	6.2	6.2	96	5.6	20	WSW	1.67	36	WSW	1.1	6.2	1.2	0.1	29.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	6.1	15	5
15/12/2018	23:30	6.2	6.2	6.2	96	5.6	18	WSW	1.50	32	WSW	1.4	6.3	1.6	0.4	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.2	3.3	3.9	6.1	15	5
15/12/2018	23:35	6.2	6.2	6.2	95	5.5	18	WSW	1.50	36	SW	1.4	6.3	1.5	0.4	29.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	3.3	3.9	6.1	15	5
15/12/2018	23:40	6.2	6.2	6.2	95	5.5	16	WSW	1.33	32	SW	1.7	6.3	1.8	0.6	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	3.3	3.9	5.6	15	5
15/12/2018	23:45	6.2	6.2	6.2	95	5.4	15	SW	1.25	29	WNW	1.8	6.2	1.9	0.7	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	3.3	3.9	5.6	15	5
15/12/2018	23:50	6.1	6.2	6.1	95	5.4	17	WSW	1.42	30	WSW	1.5	6.2	1.6	0.4	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	3.3	3.9	5.6	15	5
15/12/2018	23:55	6.1	6.2	6.1	95	5.4	16	SW	1.33	32	WSW	1.6	6.2	1.7	0.4	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	3.3	3.9	5.6	15	5
16/12/2018	00:00	6.1	6.1	6.1	94	5.2	16	WSW	1.33	32	WSW	1.6	6.1	1.6	0.4	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	2.8	3.9	5.6	15	5
16/12/2018	00:05	6.1	6.1	6.1	94	5.2	18	WSW	1.50	30	WSW	1.3	6.1	1.3	0.2	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	2.8	3.9	6.1	15	5
16/12/2018	00:10	6.1	6.1	6.1	94	5.2	16	WSW	1.33	26	WSW	1.6	6.1	1.6	0.4	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	2.8	3.9	5.6	15	5
16/12/2018	00:15	6.1	6.1	6.1	93	5.0	17	WSW	1.42	31	WSW	1.4	6.1	1.5	0.3	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	2.8	3.9	6.1	15	5
16/12/2018	00:20	6.1	6.1	6.0	93	5.0	16	WSW	1.33	27	WSW	1.6	6.1	1.6	0.4	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	2.8	3.9	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
16/12/2018	00:25	6.0	6.1	6.0	93	5.0	15	WSW	1.25	32	SSW	1.7	6.1	1.7	0.5	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	2.8	3.9	5.6	15	5
16/12/2018	00:30	5.9	6.0	5.9	92	4.7	15	WSW	1.25	30	WSW	1.6	5.9	1.6	0.4	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	2.8	3.9	5.6	15	5
16/12/2018	00:35	5.9	5.9	5.9	92	4.7	15	WSW	1.25	29	SW	1.6	5.9	1.6	0.4	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	2.8	3.9	5.6	14	5
16/12/2018	00:40	5.9	5.9	5.9	92	4.7	15	WSW	1.25	26	SW	1.6	5.9	1.6	0.4	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	2.8	2.8	3.9	5.6	13	5
16/12/2018	00:45	5.9	5.9	5.9	91	4.6	17	WSW	1.42	30	WSW	1.3	5.9	1.3	0.1	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	10	5
16/12/2018	00:50	5.9	5.9	5.9	91	4.6	16	WSW	1.33	27	W	1.4	5.9	1.4	0.2	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	4	5
16/12/2018	00:55	5.9	5.9	5.9	91	4.6	14	SW	1.17	26	WSW	1.8	5.9	1.8	0.5	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	6.1	1	5
16/12/2018	01:00	5.9	5.9	5.9	90	4.4	14	WSW	1.17	26	W	1.8	5.9	1.8	0.5	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	01:05	5.9	5.9	5.9	90	4.4	17	WSW	1.42	27	WSW	1.3	5.9	1.3	0.1	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	01:10	5.9	5.9	5.9	90	4.4	15	WSW	1.25	24	WSW	1.6	5.9	1.6	0.3	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	01:15	5.9	5.9	5.9	90	4.4	15	WSW	1.25	27	SW	1.6	5.9	1.6	0.3	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	01:20	5.9	5.9	5.9	89	4.2	16	WSW	1.33	27	WSW	1.4	5.9	1.4	0.2	29.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	01:25	5.9	5.9	5.9	89	4.3	17	SW	1.42	28	WSW	1.3	5.9	1.3	0.1	29.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	01:30	5.9	5.9	5.9	89	4.3	17	WSW	1.42	29	WSW	1.3	5.9	1.3	0.1	29.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	6.1	0	5
16/12/2018	01:35	6.0	6.0	5.9	88	4.2	17	SW	1.42	31	SW	1.4	6.0	1.4	0.2	29.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	01:40	6.0	6.0	6.0	88	4.2	14	WSW	1.17	26	WSW	1.9	6.0	1.9	0.6	29.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	01:45	6.0	6.0	6.0	88	4.2	16	SW	1.33	29	WSW	1.5	6.0	1.5	0.3	29.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	6.1	0	5
16/12/2018	01:50	6.1	6.1	6.0	87	4.1	14	SW	1.17	25	W	1.9	6.0	1.9	0.6	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	6.1	0	5
16/12/2018	01:55	6.1	6.1	6.1	87	4.1	10	SW	0.83	18	W	2.8	6.0	2.7	1.3	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	02:00	6.0	6.1	6.0	87	4.0	12	SW	1.00	26	WSW	2.3	5.9	2.2	0.8	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	02:05	5.9	6.0	5.9	87	3.9	14	WSW	1.17	24	SW	1.7	5.8	1.7	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.2	3.9	5.6	0	5
16/12/2018	02:10	5.9	5.9	5.9	87	3.9	15	SW	1.25	26	WSW	1.6	5.8	1.5	0.3	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.8	3.9	5.6	0	5
16/12/2018	02:15	5.8	5.9	5.8	88	4.0	15	WSW	1.25	29	WSW	1.5	5.8	1.4	0.2	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.2	3.9	5.6	0	5
16/12/2018	02:20	5.8	5.8	5.8	88	4.0	13	SW	1.08	23	W	1.8	5.8	1.8	0.4	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.2	3.9	5.6	0	5
16/12/2018	02:25	5.7	5.8	5.7	88	3.9	12	SW	1.00	26	WSW	1.9	5.7	1.9	0.5	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.2	3.9	5.6	0	5
16/12/2018	02:30	5.7	5.7	5.7	88	3.9	13	SW	1.08	23	SW	1.7	5.7	1.7	0.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.2	3.9	5.6	0	5
16/12/2018	02:35	5.7	5.7	5.7	88	3.8	14	SW	1.17	23	SW	1.4	5.6	1.4	0.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.2	3.9	5.6	0	5
16/12/2018	02:40	5.6	5.7	5.6	88	3.8	12	SW	1.00	21	WSW	1.8	5.6	1.7	0.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.2	3.9	5.0	0	5
16/12/2018	02:45	5.6	5.6	5.6	88	3.7	12	SW	1.00	25	W	1.7	5.5	1.7	0.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.2	3.9	5.0	0	5
16/12/2018	02:50	5.6	5.6	5.6	88	3.7	12	SW	1.00	19	WSW	1.7	5.5	1.7	0.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	2.8	2.2	3.9	5.0	0	5
16/12/2018	02:55	5.5	5.6	5.5	88	3.7	11	SW	0.92	20	SW	1.9	5.4	1.8	0.4	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.8	2.2	3.9	5.0	0	5
16/12/2018	03:00	5.4	5.5	5.4	88	3.6	12	SW	1.00	18	WSW	1.6	5.4	1.6	0.2	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	56	2.8	2.2	3.9	5.0	0	5
16/12/2018	03:05	5.4	5.4	5.4	88	3.6	11	WSW	0.92	20	WSW	1.8	5.3	1.7	0.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.8	2.2	3.9	5.0	0	5
16/12/2018	03:10	5.4	5.4	5.4	88	3.6	12	SW	1.00	21	W	1.6	5.3	1.5	0.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.8	2.2	3.9	5.0	0	5
16/12/2018	03:15	5.3	5.4	5.3	89	3.7	11	SW	0.92	21	W	1.7	5.3	1.7	0.2	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.8	1.7	3.9	5.0	0	5
16/12/2018	03:20	5.3	5.3	5.3	89	3.6	12	SW	1.00	19	WSW	1.4	5.2	1.4	0.0	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.8	2.2	3.9	5.0	0	5
16/12/2018	03:25	5.2	5.3	5.2	89	3.6	11	SW	0.92	19	SW	1.6	5.2	1.5	0.1	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.8	1.7	3.9	5.0	0	5
16/12/2018	03:30	5.2	5.2	5.2	89	3.5	11	SW	0.92	18	WSW	1.5	5.1	1.4	0.0	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.8	1.7	3.9	4.4	0	5
16/12/2018	03:35	5.1	5.2	5.1	89	3.4	11	SW	0.92	19	SSW	1.4	5.1	1.4	-0.1	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	2.8	1.7	3.9	4.4	0	5
16/12/2018	03:40	5.1	5.1	5.1	90	3.6	9	SW	0.75	17	SW	1.9	5.0	1.8	0.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	03:45	5.0	5.1	5.0	90	3.5	8	SW	0.67	16	W	2.1	4.9	2.1	0.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	03:50	5.0	5.0	4.9	90	3.5	9	SW	0.75	18	WSW	1.8	4.9	1.8	0.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
16/12/2018	03:55	4.9	4.9	4.9	90	3.4	8	SW	0.67	15	SW	2.1	4.9	2.0	0.4	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	04:00	4.9	4.9	4.9	90	3.4	9	SW	0.75	15	SW	1.7	4.8	1.7	0.1	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	04:05	4.8	4.9	4.8	91	3.5	8	WSW	0.67	15	W	1.9	4.8	1.8	0.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	04:10	4.8	4.8	4.8	91	3.4	8	SW	0.67	14	WSW	1.8	4.7	1.8	0.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	04:15	4.7	4.8	4.7	91	3.4	10	SW	0.83	18	WSW	1.2	4.7	1.2	-0.3	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	04:20	4.7	4.8	4.7	91	3.3	10	WSW	0.83	15	SW	1.2	4.6	1.1	-0.4	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	04:25	4.7	4.7	4.7	91	3.3	9	SW	0.75	15	WSW	1.4	4.6	1.4	-0.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	04:30	4.7	4.7	4.6	91	3.3	9	SW	0.75	19	WSW	1.4	4.6	1.4	-0.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	3.9	0	5
16/12/2018	04:35	4.6	4.6	4.6	91	3.3	11	SW	0.92	19	SSW	0.9	4.6	0.8	-0.6	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	4.4	0	5
16/12/2018	04:40	4.6	4.6	4.6	92	3.4	11	SW	0.92	17	W	0.8	4.6	0.8	-0.7	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	3.9	0	5
16/12/2018	04:45	4.6	4.6	4.6	92	3.4	12	SW	1.00	18	W	0.6	4.6	0.6	-0.8	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	3.9	0	5
16/12/2018	04:50	4.5	4.6	4.5	92	3.3	11	SW	0.92	18	SW	0.7	4.5	0.7	-0.7	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	3.9	0	5
16/12/2018	04:55	4.4	4.5	4.4	92	3.3	11	SW	0.92	19	WSW	0.7	4.4	0.7	-0.8	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	3.9	0	5
16/12/2018	05:00	4.4	4.4	4.4	92	3.3	11	SW	0.92	16	SW	0.7	4.4	0.7	-0.8	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.03	57	2.8	1.7	3.9	3.9	0	5
16/12/2018	05:05	4.4	4.4	4.4	92	3.2	10	SW	0.83	15	SSW	0.8	4.4	0.8	-0.7	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	3.9	0	5
16/12/2018	05:10	4.4	4.4	4.3	92	3.2	9	SW	0.75	16	SW	1.1	4.4	1.1	-0.4	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	3.9	0	5
16/12/2018	05:15	4.3	4.3	4.3	92	3.1	9	SW	0.75	16	SW	0.9	4.3	0.9	-0.6	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.7	3.9	3.9	0	5
16/12/2018	05:20	4.2	4.3	4.2	92	3.0	8	SW	0.67	15	WSW	1.2	4.2	1.2	-0.4	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.1	3.9	3.9	0	5
16/12/2018	05:25	4.2	4.2	4.2	92	3.0	7	SW	0.58	15	SSW	1.4	4.2	1.4	-0.3	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.1	3.9	3.3	0	5
16/12/2018	05:30	4.1	4.2	4.1	92	2.9	6	SW	0.50	11	SSW	1.7	4.1	1.7	-0.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.1	3.9	3.3	0	5
16/12/2018	05:35	4.1	4.1	4.1	92	2.9	6	SW	0.50	14	WSW	1.6	4.1	1.6	-0.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.1	3.9	3.3	0	5
16/12/2018	05:40	4.0	4.1	4.0	93	3.0	5	SW	0.42	11	WSW	1.9	4.0	1.9	0.2	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	1.1	3.9	3.3	0	5
16/12/2018	05:45	3.9	4.0	3.9	93	2.9	5	SW	0.42	8	WSW	1.9	3.9	1.9	0.2	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	0.6	3.9	3.3	1	5
16/12/2018	05:50	3.9	3.9	3.9	93	2.9	4	SW	0.33	8	SW	2.3	3.9	2.3	0.6	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	0.6	3.9	3.3	1	5
16/12/2018	05:55	3.8	3.9	3.8	93	2.8	4	SW	0.33	9	WSW	2.2	3.8	2.2	0.5	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	0.6	3.9	3.3	1	5
16/12/2018	06:00	3.8	3.8	3.8	93	2.7	4	SW	0.33	8	S	2.2	3.8	2.2	0.4	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	2.8	0.6	3.9	3.3	1	5
16/12/2018	06:05	3.7	3.8	3.7	93	2.7	4	SSW	0.33	7	SSW	2.1	3.7	2.1	0.4	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	0.0	3.9	2.8	1	5
16/12/2018	06:10	3.7	3.7	3.7	93	2.6	4	SSW	0.33	7	SSW	2.1	3.7	2.1	0.3	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	0.0	3.9	2.8	2	5
16/12/2018	06:15	3.6	3.7	3.6	93	2.6	3	S	0.25	7	SSW	2.6	3.6	2.6	0.9	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	0.0	3.9	2.8	2	5
16/12/2018	06:20	3.6	3.6	3.6	93	2.5	3	SW	0.25	10	SSE	2.6	3.6	2.6	0.8	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	0.0	3.9	2.8	2	5
16/12/2018	06:25	3.5	3.6	3.5	93	2.5	3	WSW	0.25	7	WSW	2.4	3.5	2.4	0.7	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	0.0	3.9	2.8	3	5
16/12/2018	06:30	3.4	3.5	3.4	93	2.4	4	SSE	0.33	10	SSW	1.8	3.4	1.8	0.1	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	0.0	3.9	2.8	3	5
16/12/2018	06:35	3.4	3.4	3.4	93	2.4	3	SSE	0.25	5	SSE	2.3	3.4	2.3	0.6	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	0.0	3.9	2.8	3	5
16/12/2018	06:40	3.3	3.4	3.3	93	2.3	3	SSE	0.25	7	SE	2.3	3.3	2.3	0.6	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	0.0	3.9	2.2	4	5
16/12/2018	06:45	3.3	3.3	3.3	93	2.3	4	SE	0.33	10	SE	1.6	3.3	1.6	-0.1	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	0.6	3.9	2.8	4	5
16/12/2018	06:50	3.2	3.3	3.2	94	2.3	5	SE	0.42	9	E	1.1	3.2	1.1	-0.7	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.3	4	5
16/12/2018	06:55	3.3	3.3	3.3	94	2.4	5	ESE	0.42	9	ESE	1.1	3.3	1.1	-0.6	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.3	4	5
16/12/2018	07:00	3.3	3.3	3.3	94	2.4	6	SE	0.50	11	SE	0.7	3.3	0.7	-1.0	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.3	3	5
16/12/2018	07:05	3.4	3.4	3.3	94	2.5	6	SSE	0.50	9	SSW	0.8	3.4	0.8	-0.9	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	3	5
16/12/2018	07:10	3.4	3.4	3.4	94	2.6	5	E	0.42	11	SE	1.3	3.4	1.3	-0.4	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	2	5
16/12/2018	07:15	3.6	3.6	3.4	94	2.7	3	SSE	0.25	7	SE	2.6	3.6	2.6	0.8	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	1	5
16/12/2018	07:20	3.6	3.6	3.6	94	2.7	3	SSE	0.25	7	SSE	2.6	3.6	2.6	0.9	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	1	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
16/12/2018	07:25	3.7	3.7	3.6	94	2.8	4	S	0.33	11	ESE	2.1	3.7	2.1	0.4	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	3.9	3.9	1	5
16/12/2018	07:30	3.8	3.8	3.7	95	3.1	3	SSE	0.25	8	SE	2.8	3.8	2.8	1.1	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	1	5
16/12/2018	07:35	3.8	3.8	3.8	95	3.1	7	S	0.58	13	S	1.0	3.8	1.0	-0.7	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	3.9	3.9	0	5
16/12/2018	07:40	3.8	3.8	3.8	95	3.1	4	SSE	0.33	11	SSW	2.2	3.8	2.2	0.5	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	07:45	3.9	3.9	3.8	95	3.2	3	SE	0.25	8	S	2.9	3.9	2.9	1.2	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	07:50	3.9	3.9	3.9	94	3.0	4	S	0.33	8	S	2.3	3.9	2.3	0.6	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.3	0	5
16/12/2018	07:55	3.9	3.9	3.9	95	3.2	7	SSE	0.58	12	S	1.1	3.9	1.1	-0.7	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.3	1	5
16/12/2018	08:00	3.9	3.9	3.9	95	3.2	5	S	0.42	12	SSW	1.8	3.9	1.8	0.1	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.3	1	5
16/12/2018	08:05	3.8	3.9	3.8	95	3.1	6	SW	0.50	17	SSW	1.3	3.8	1.3	-0.4	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.3	1	5
16/12/2018	08:10	3.9	3.9	3.8	95	3.2	7	SSW	0.58	13	SSW	1.1	3.9	1.1	-0.7	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	1	5
16/12/2018	08:15	3.9	3.9	3.8	95	3.2	9	SSW	0.75	17	SSW	0.5	3.9	0.5	-1.1	29.61	0.0	0.0	1	0.01	5	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	1	5
16/12/2018	08:20	3.9	3.9	3.9	95	3.2	7	SW	0.58	12	WSW	1.2	3.9	1.2	-0.5	29.61	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.9	0	5
16/12/2018	08:25	4.1	4.1	3.9	94	3.2	10	SW	0.83	16	SSW	0.4	4.1	0.4	-1.0	29.61	0.0	0.0	6	0.04	7	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	08:30	4.1	4.1	4.0	94	3.2	10	SW	0.83	19	WSW	0.4	4.1	0.4	-1.0	29.62	0.0	0.0	7	0.05	9	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	08:35	4.1	4.1	4.1	94	3.2	10	SW	0.83	16	WSW	0.5	4.1	0.5	-0.9	29.62	0.0	0.0	9	0.06	9	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.9	0	5
16/12/2018	08:40	4.1	4.1	4.1	94	3.2	9	SW	0.75	16	WSW	0.8	4.1	0.8	-0.7	29.62	0.0	0.0	11	0.08	11	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	08:45	4.1	4.1	4.1	94	3.2	9	SW	0.75	15	SW	0.8	4.1	0.8	-0.7	29.62	0.0	0.0	11	0.08	11	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	08:50	4.1	4.1	4.1	94	3.2	9	SW	0.75	14	WSW	0.8	4.1	0.8	-0.7	29.62	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	08:55	4.1	4.1	4.1	94	3.2	10	SW	0.83	17	WSW	0.4	4.1	0.4	-0.9	29.62	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	09:00	4.1	4.1	4.1	94	3.2	10	SW	0.83	16	SW	0.4	4.1	0.4	-0.9	29.62	0.0	0.0	14	0.10	14	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	09:05	4.1	4.1	4.1	94	3.2	9	SW	0.75	14	SSW	0.7	4.1	0.7	-0.8	29.63	0.0	0.0	14	0.10	14	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	09:10	4.0	4.1	4.0	94	3.1	8	SW	0.67	12	WSW	0.9	4.0	0.9	-0.6	29.63	0.0	0.0	16	0.11	16	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	09:15	3.9	4.0	3.9	94	3.1	6	SW	0.50	10	SW	1.5	3.9	1.5	0.0	29.63	0.0	0.0	16	0.11	16	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.3	0	5
16/12/2018	09:20	3.9	3.9	3.9	94	3.0	7	SW	0.58	10	SW	1.1	3.9	1.1	-0.4	29.63	0.0	0.0	17	0.12	18	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.3	0	5
16/12/2018	09:25	3.8	3.9	3.8	94	3.0	7	SW	0.58	11	SW	1.0	3.8	1.0	-0.5	29.64	0.0	0.0	18	0.13	18	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.3	0	5
16/12/2018	09:30	3.8	3.8	3.8	94	2.9	6	SW	0.50	9	WSW	1.3	3.8	1.3	-0.2	29.64	0.0	0.0	18	0.13	18	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.3	1	5
16/12/2018	09:35	3.8	3.8	3.8	94	2.9	7	SW	0.58	10	WSW	0.9	3.8	0.9	-0.5	29.64	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.9	1	5
16/12/2018	09:40	3.7	3.8	3.7	94	2.8	6	SW	0.50	11	WSW	1.2	3.7	1.2	-0.2	29.64	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.9	1	5
16/12/2018	09:45	3.7	3.8	3.7	94	2.8	6	SW	0.50	12	SSW	1.2	3.7	1.2	-0.2	29.64	0.0	0.0	19	0.14	21	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.1	3.9	3.9	1	5
16/12/2018	09:50	3.8	3.8	3.7	94	2.9	6	SW	0.50	11	WSW	1.3	3.8	1.3	-0.2	29.64	0.0	0.0	21	0.15	21	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	1	5
16/12/2018	09:55	3.8	3.8	3.8	94	2.9	7	SW	0.58	11	WSW	0.9	3.8	0.9	-0.5	29.63	0.0	0.0	21	0.15	21	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	10:00	3.8	3.8	3.8	95	3.1	8	SW	0.67	13	SSW	0.7	3.8	0.7	0.0	29.64	0.0	0.0	26	0.19	30	0	0.00	0.00	0.05	0.00	0.03	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	10:05	3.9	3.9	3.8	95	3.2	7	SW	0.58	11	SW	1.1	3.9	1.1	0.3	29.64	0.0	0.0	26	0.19	28	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	3.9	0	5
16/12/2018	10:10	3.9	3.9	3.9	95	3.2	7	SW	0.58	12	SSW	1.1	3.9	1.1	0.3	29.64	0.0	0.0	26	0.19	28	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	4.4	0	5
16/12/2018	10:15	3.9	3.9	3.9	95	3.2	6	SW	0.50	12	SSW	1.5	3.9	1.5	1.4	29.64	0.0	0.0	53	0.38	83	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	4.4	0	5
16/12/2018	10:20	3.9	3.9	3.9	95	3.2	7	SSW	0.58	13	SSW	1.2	3.9	1.2	1.9	29.64	0.0	0.0	92	0.66	104	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	4.4	0	5
16/12/2018	10:25	4.1	4.1	3.9	95	3.4	6	SW	0.50	10	SW	1.7	4.1	1.7	2.7	29.64	0.0	0.0	108	0.77	120	0	0.00	0.00	0.05	0.00	0.00	58	2.8	1.7	3.9	4.4	0	5
16/12/2018	10:30	4.3	4.3	4.1	95	3.6	6	SW	0.50	12	SSW	1.9	4.4	2.0	2.6	29.64	0.0	0.0	82	0.59	125	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	3.9	5.0	0	5
16/12/2018	10:35	4.6	4.6	4.3	94	3.7	8	SW	0.67	14	SSW	1.6	4.6	1.6	2.1	29.64	0.0	0.0	75	0.54	83	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	3.9	5.0	0	5
16/12/2018	10:40	4.7	4.7	4.5	94	3.8	8	SW	0.67	12	SW	1.7	4.7	1.8	1.5	29.64	0.0	0.0	44	0.32	44	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	3.9	5.0	0	5
16/12/2018	10:45	4.8	4.8	4.7	93	3.7	7	SW	0.58	12	SSW	2.1	4.8	2.1	2.2	29.64	0.0	0.0	59	0.42	67	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	3.9	5.0	0	5
16/12/2018	10:50	4.8	4.8	4.8	93	3.7	8	SW	0.67	11	SSW	1.8	4.8	1.8	2.3	29.64	0.0	0.0	79	0.57	84	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	3.9	5.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
16/12/2018	10:55	4.8	4.8	4.8	93	3.8	7	SW	0.58	12	WNW	2.2	4.8	2.2	2.5	29.64	0.0	0.0	71	0.51	81	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	3.9	5.0	0	5
16/12/2018	11:00	4.9	4.9	4.8	93	3.9	8	SW	0.67	11	SSW	2.0	4.9	2.0	2.2	29.64	0.0	0.0	65	0.47	79	0	0.00	0.00	0.05	0.00	0.03	58	2.8	2.2	3.9	5.0	0	5
16/12/2018	11:05	5.0	5.0	4.9	93	4.0	7	SW	0.58	11	WSW	2.4	5.0	2.4	2.7	29.64	0.0	0.0	68	0.49	90	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.8	3.9	5.6	0	5
16/12/2018	11:10	5.1	5.1	5.0	93	4.1	7	SW	0.58	11	SSW	2.5	5.1	2.5	3.5	29.64	0.0	0.0	101	0.72	171	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.8	3.9	6.7	0	5
16/12/2018	11:15	5.2	5.2	5.1	92	4.0	6	SW	0.50	10	SW	3.0	5.2	3.0	4.7	29.64	0.0	0.0	137	0.98	176	0	0.00	0.00	0.05	0.00	0.00	58	2.8	3.3	3.9	7.8	0	5
16/12/2018	11:20	5.4	5.4	5.3	92	4.2	6	SW	0.50	10	SSW	3.3	5.4	3.3	5.3	29.64	0.0	0.0	157	1.13	185	0	0.00	0.00	0.05	0.00	0.00	58	2.8	3.3	3.9	7.8	0	5
16/12/2018	11:25	5.6	5.6	5.4	92	4.4	6	SW	0.50	12	SW	3.4	5.6	3.4	5.4	29.64	0.0	0.0	156	1.12	167	0	0.00	0.00	0.04	0.00	0.00	58	2.8	3.3	3.9	6.7	0	5
16/12/2018	11:30	5.7	5.7	5.6	92	4.5	5	SW	0.42	10	SW	3.9	5.7	3.9	5.4	29.64	0.0	0.0	126	0.90	155	0	0.00	0.00	0.04	0.00	0.00	57	2.8	3.3	3.9	7.2	0	5
16/12/2018	11:35	5.7	5.7	5.7	91	4.3	5	SW	0.42	10	SSW	3.9	5.7	3.9	4.7	29.64	0.0	0.0	91	0.65	102	0	0.00	0.00	0.04	0.00	0.00	57	2.8	3.3	3.9	7.2	0	5
16/12/2018	11:40	5.7	5.7	5.6	91	4.3	5	SW	0.42	10	SSW	3.9	5.7	3.9	4.3	29.64	0.0	0.0	72	0.52	84	0	0.00	0.00	0.04	0.00	0.00	58	3.3	3.3	3.9	7.2	0	5
16/12/2018	11:45	5.7	5.7	5.6	92	4.5	6	SW	0.50	10	WSW	3.5	5.7	3.5	4.3	29.63	0.0	0.0	89	0.64	93	0	0.00	0.00	0.04	0.00	0.00	58	3.3	3.3	3.9	7.8	0	5
16/12/2018	11:50	5.7	5.7	5.6	91	4.3	6	SW	0.50	9	WSW	3.5	5.7	3.5	3.7	29.63	0.0	0.0	64	0.46	93	0	0.00	0.00	0.04	0.00	0.00	58	3.3	3.3	3.9	6.7	0	5
16/12/2018	11:55	5.6	5.7	5.6	92	4.4	6	SW	0.50	9	SSW	3.4	5.6	3.4	3.0	29.63	0.0	0.0	42	0.30	44	0	0.00	0.00	0.04	0.00	0.00	58	3.3	2.8	3.9	5.6	0	5
16/12/2018	12:00	5.4	5.6	5.4	92	4.2	5	SSW	0.42	9	WSW	3.6	5.4	3.6	3.4	29.63	0.0	0.0	52	0.37	60	0	0.00	0.00	0.05	0.00	0.05	58	3.3	2.8	3.9	5.6	0	5
16/12/2018	12:05	5.3	5.4	5.3	92	4.1	5	SW	0.42	8	SSW	3.4	5.3	3.4	3.8	29.63	0.0	0.0	70	0.50	77	0	0.00	0.00	0.05	0.00	0.00	58	3.3	3.3	3.9	5.6	0	5
16/12/2018	12:10	5.3	5.3	5.3	93	4.3	4	SW	0.33	7	SSW	4.0	5.3	4.0	5.0	29.63	0.0	0.0	101	0.72	118	0	0.00	0.00	0.05	0.00	0.00	58	3.3	3.3	3.9	6.1	0	5
16/12/2018	12:15	5.5	5.5	5.3	93	4.5	5	SW	0.42	8	SSW	3.7	5.6	3.8	5.8	29.63	0.0	0.0	152	1.09	185	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.9	3.9	6.7	0	5
16/12/2018	12:20	5.8	5.8	5.5	93	4.7	5	SW	0.42	9	SSW	4.1	5.8	4.1	6.5	29.63	0.0	0.0	175	1.25	188	0	0.00	0.00	0.04	0.00	0.00	57	3.3	4.4	3.9	7.8	0	5
16/12/2018	12:25	6.0	6.0	5.8	92	4.8	5	SW	0.42	9	SSW	4.3	6.0	4.3	6.4	29.63	0.0	0.0	157	1.13	176	0	0.00	0.00	0.04	0.00	0.00	57	3.3	4.4	3.9	7.8	0	5
16/12/2018	12:30	6.1	6.1	6.0	91	4.8	6	SW	0.50	9	WSW	4.1	6.1	4.1	5.9	29.63	0.0	0.0	141	1.01	155	0	0.00	0.00	0.04	0.00	0.00	57	3.3	4.4	3.9	7.2	0	5
16/12/2018	12:35	6.2	6.2	6.1	91	4.8	8	SW	0.67	12	WSW	3.5	6.2	3.5	5.1	29.63	0.0	0.0	136	0.97	146	0	0.00	0.00	0.04	0.00	0.00	57	3.3	3.9	3.9	6.7	0	5
16/12/2018	12:40	6.2	6.2	6.2	91	4.9	7	SW	0.58	12	WSW	3.9	6.2	3.9	5.2	29.63	0.0	0.0	112	0.80	127	0	0.00	0.00	0.04	0.00	0.00	57	3.3	3.9	3.9	6.7	0	5
16/12/2018	12:45	6.3	6.3	6.2	90	4.8	7	SW	0.58	11	SW	4.0	6.3	4.0	4.4	29.63	0.0	0.0	74	0.53	109	0	0.00	0.00	0.04	0.00	0.00	57	3.3	3.9	3.9	6.7	0	5
16/12/2018	12:50	6.2	6.3	6.2	90	4.6	7	SW	0.58	12	WSW	3.8	6.2	3.8	3.7	29.63	0.0	0.0	48	0.34	49	0	0.00	0.00	0.04	0.00	0.00	57	3.3	3.3	3.9	6.1	0	5
16/12/2018	12:55	6.1	6.2	6.1	91	4.7	6	SW	0.50	9	SSW	4.0	6.1	4.0	4.2	29.63	0.0	0.0	62	0.44	77	0	0.00	0.00	0.04	0.00	0.00	57	3.3	3.9	3.9	6.1	0	5
16/12/2018	13:00	5.9	6.1	5.9	91	4.6	5	SSW	0.42	10	SSW	4.2	5.9	4.2	4.5	29.63	0.0	0.0	67	0.48	76	0	0.00	0.00	0.04	0.00	0.05	57	3.3	3.9	3.9	6.1	0	5
16/12/2018	13:05	5.8	5.9	5.8	91	4.5	5	SSW	0.42	8	SSW	4.1	5.8	4.1	4.7	29.63	0.0	0.0	80	0.57	83	0	0.00	0.00	0.04	0.00	0.00	57	3.3	3.9	3.9	6.1	0	5
16/12/2018	13:10	5.8	5.9	5.8	91	4.4	6	SSW	0.50	10	SSW	3.7	5.8	3.7	4.1	29.63	0.0	0.0	76	0.54	81	0	0.00	0.00	0.04	0.00	0.00	57	3.3	3.9	3.9	6.1	0	5
16/12/2018	13:15	5.7	5.8	5.7	92	4.5	6	SSW	0.50	12	SSW	3.6	5.7	3.6	4.1	29.63	0.0	0.0	77	0.55	83	0	0.00	0.00	0.04	0.00	0.00	57	3.3	3.9	3.9	6.1	0	5
16/12/2018	13:20	5.6	5.7	5.6	92	4.4	6	S	0.50	10	S	3.4	5.6	3.4	3.9	29.62	0.0	0.0	77	0.55	77	0	0.00	0.00	0.04	0.00	0.00	57	3.3	3.9	3.9	6.1	0	5
16/12/2018	13:25	5.4	5.6	5.4	92	4.2	5	S	0.42	9	SSW	3.7	5.4	3.7	4.2	29.62	0.0	0.0	79	0.57	81	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.9	3.9	5.6	0	5
16/12/2018	13:30	5.3	5.4	5.3	93	4.3	6	SSW	0.50	11	SSW	3.1	5.3	3.1	3.7	29.63	0.0	0.0	79	0.57	79	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.9	3.9	5.6	0	5
16/12/2018	13:35	5.3	5.3	5.3	93	4.3	6	SSW	0.50	8	S	3.1	5.3	3.1	3.6	29.63	0.0	0.0	75	0.54	77	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.9	3.9	5.6	0	5
16/12/2018	13:40	5.3	5.3	5.3	93	4.2	5	SSW	0.42	9	SSW	3.4	5.3	3.4	3.7	29.63	0.0	0.0	66	0.47	70	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.9	3.9	5.6	0	5
16/12/2018	13:45	5.2	5.3	5.2	93	4.1	5	SSW	0.42	9	SSW	3.3	5.2	3.3	3.3	29.63	0.0	0.0	54	0.39	58	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.9	3.9	5.6	0	5
16/12/2018	13:50	5.1	5.2	5.1	94	4.2	5	SSW	0.42	9	SSW	3.2	5.1	3.2	3.1	29.63	0.0	0.0	49	0.35	49	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	13:55	5.1	5.1	5.0	94	4.2	4	SSW	0.33	8	SSW	3.7	5.1	3.7	3.6	29.62	0.0	0.0	50	0.36	51	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	14:00	4.9	5.0	4.9	94	4.1	4	SSW	0.33	8	S	3.6	5.0	3.6	3.5	29.62	0.0	0.0	50	0.36	51	0	0.00	0.00	0.05	0.00	0.03	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	14:05	4.9	4.9	4.9	94	4.0	4	S	0.33	7	S	3.5	4.9	3.6	3.4	29.62	0.0	0.0	49	0.35	49	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	14:10	4.8	4.9	4.8	95	4.1	4	SSW	0.33	7	SSW	3.4	4.9	3.4	3.3	29.62	0.0	0.0	49	0.35	49	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	14:15	4.8	4.8	4.8	94	3.9	4	S	0.33	7	SSW	3.4	4.9	3.4	3.3	29.62	0.0	0.0	47	0.34	47	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	14:20	4.8	4.8	4.8	95	4.0	4	S	0.33	9	S	3.3	4.8	3.4	3.2	29.62	0.0	0.0	45	0.32	46	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
16/12/2018	14:25	4.8	4.8	4.7	95	4.0	3	SSW	0.25	7	SSW	3.9	4.8	4.0	3.7	29.62	0.0	0.0	41	0.29	42	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	14:30	4.8	4.8	4.7	95	4.0	3	SSW	0.25	7	SSW	3.9	4.8	4.0	3.4	29.62	0.0	0.0	30	0.22	35	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	14:35	4.8	4.8	4.8	95	4.0	3	S	0.25	9	S	3.9	4.8	4.0	2.6	29.62	0.0	0.0	28	0.20	28	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	14:40	4.8	4.8	4.8	95	4.1	4	S	0.33	10	SSW	3.4	4.9	3.4	2.0	29.62	0.0	0.0	24	0.17	26	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	14:45	4.8	4.9	4.8	95	4.1	3	S	0.25	5	S	4.0	4.9	4.1	2.6	29.62	0.0	0.0	19	0.14	21	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.9	3.9	5.0	0	5
16/12/2018	14:50	4.9	4.9	4.8	95	4.2	4	SSW	0.33	8	SW	3.5	4.9	3.6	2.1	29.63	0.0	0.0	19	0.14	21	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.9	3.9	5.0	0	5
16/12/2018	14:55	4.9	4.9	4.9	95	4.2	5	SW	0.42	8	SSE	3.0	4.9	3.1	1.6	29.62	0.0	0.0	20	0.14	21	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.9	3.9	5.0	0	5
16/12/2018	15:00	4.9	4.9	4.9	95	4.2	4	SW	0.33	8	SW	3.5	4.9	3.6	2.0	29.62	0.0	0.0	16	0.11	18	0	0.00	0.00	0.05	0.00	0.03	57	3.3	3.3	3.9	5.0	0	5
16/12/2018	15:05	4.9	4.9	4.9	95	4.2	4	SW	0.33	7	SSW	3.5	4.9	3.6	2.0	29.63	0.0	0.0	14	0.10	16	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	4.4	0	5
16/12/2018	15:10	4.9	4.9	4.9	95	4.2	4	SW	0.33	6	SW	3.5	4.9	3.6	1.9	29.62	0.0	0.0	11	0.08	12	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	4.4	0	5
16/12/2018	15:15	4.9	4.9	4.9	95	4.2	4	SW	0.33	7	SW	3.5	4.9	3.6	1.9	29.63	0.0	0.0	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	1	5
16/12/2018	15:20	4.8	4.9	4.8	95	4.1	3	SW	0.25	7	SW	4.0	4.9	4.1	2.4	29.63	0.0	0.0	8	0.06	9	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	1	5
16/12/2018	15:25	4.8	4.8	4.8	95	4.1	4	SSW	0.33	8	SSW	3.4	4.9	3.4	1.8	29.62	0.0	0.0	6	0.04	7	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	1	5
16/12/2018	15:30	4.8	4.8	4.8	95	4.0	2	SSW	0.17	6	S	4.7	4.8	4.8	3.1	29.62	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	1	5
16/12/2018	15:35	4.7	4.8	4.7	95	4.0	3	S	0.25	6	S	3.9	4.8	3.9	2.2	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	1	5
16/12/2018	15:40	4.7	4.7	4.7	95	3.9	3	SSW	0.25	6	SSW	3.8	4.7	3.8	2.1	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	1	5
16/12/2018	15:45	4.7	4.7	4.7	95	3.9	2	SSW	0.17	6	SSW	4.6	4.7	4.6	2.8	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	2	5
16/12/2018	15:50	4.6	4.7	4.6	95	3.9	2	SSW	0.17	5	SSW	4.5	4.7	4.6	2.8	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	2	5
16/12/2018	15:55	4.6	4.6	4.6	95	3.9	2	WSW	0.17	6	SSW	4.5	4.7	4.6	2.8	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	2	5
16/12/2018	16:00	4.6	4.6	4.6	95	3.9	2	WSW	0.17	6	WSW	4.5	4.7	4.6	2.8	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	4.4	2	5
16/12/2018	16:05	4.6	4.6	4.6	96	4.0	2	WSW	0.17	5	WSW	4.5	4.7	4.6	2.8	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	3.9	2	5
16/12/2018	16:10	4.6	4.6	4.6	96	4.0	0	WSW	0.00	2	WSW	4.6	4.7	4.7	2.9	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	3.9	2	5
16/12/2018	16:15	4.6	4.6	4.6	96	4.0	1	WSW	0.08	3	WSW	4.6	4.6	4.6	2.8	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	3.9	2	5
16/12/2018	16:20	4.5	4.6	4.5	96	3.9	2	WSW	0.17	4	WSW	4.4	4.6	4.4	2.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	3.9	3	5
16/12/2018	16:25	4.5	4.6	4.4	96	3.9	2	SW	0.17	6	SW	4.4	4.6	4.4	2.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	3.9	3	5
16/12/2018	16:30	4.4	4.5	4.4	96	3.9	3	SW	0.25	8	SSW	3.6	4.5	3.6	1.8	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	3.9	3	5
16/12/2018	16:35	4.4	4.4	4.4	96	3.9	2	SSW	0.17	6	SSW	4.3	4.5	4.4	2.6	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	3	5
16/12/2018	16:40	4.4	4.4	4.4	96	3.9	2	SSW	0.17	6	SSW	4.3	4.5	4.4	2.6	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	4.4	3	5
16/12/2018	16:45	4.4	4.4	4.4	96	3.9	0	SSW	0.00	4	SSW	4.4	4.5	4.5	2.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	3.9	3	5
16/12/2018	16:50	4.4	4.4	4.4	96	3.9	1	SSW	0.08	5	SSW	4.4	4.5	4.5	2.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	3.9	4	5
16/12/2018	16:55	4.4	4.4	4.4	96	3.8	1	SSW	0.08	4	SSW	4.4	4.4	4.4	2.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	3.9	3.9	4	5
16/12/2018	17:00	4.4	4.4	4.4	96	3.8	2	SSW	0.17	8	SSW	4.3	4.4	4.3	2.6	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	3.9	4	5
16/12/2018	17:05	4.4	4.4	4.4	96	3.8	3	SSW	0.25	6	SSW	3.5	4.4	3.6	1.8	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	17:10	4.4	4.4	4.4	96	3.9	3	SSW	0.25	6	SSW	3.6	4.5	3.6	1.8	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	17:15	4.4	4.4	4.4	96	3.9	2	SSW	0.17	8	SSW	4.3	4.5	4.4	2.6	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	17:20	4.4	4.4	4.4	96	3.9	2	SSW	0.17	5	SSW	4.3	4.5	4.4	2.6	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	17:25	4.4	4.4	4.4	96	3.9	3	SSW	0.25	6	SSW	3.6	4.5	3.6	1.8	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	17:30	4.4	4.4	4.4	96	3.9	2	SSW	0.17	5	SSW	4.3	4.5	4.4	2.6	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	17:35	4.4	4.4	4.4	96	3.9	2	SSW	0.17	6	SSW	4.3	4.5	4.4	2.6	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	17:40	4.4	4.4	4.4	96	3.9	1	SSW	0.08	4	SSW	4.4	4.5	4.5	2.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	17:45	4.4	4.4	4.4	96	3.9	1	SSW	0.08	4	SSW	4.4	4.5	4.5	2.7	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	3	5
16/12/2018	17:50	4.4	4.5	4.4	96	3.9	1	SSW	0.08	4	SSW	4.4	4.5	4.5	2.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	3	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
16/12/2018	17:55	4.5	4.5	4.4	96	3.9	2	SSW	0.17	4	SSW	4.4	4.6	4.4	2.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	18:00	4.4	4.5	4.4	96	3.9	2	SSW	0.17	5	SSW	4.3	4.5	4.4	2.6	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	4	5
16/12/2018	18:05	4.5	4.5	4.4	96	3.9	4	SSW	0.33	7	SSW	3.0	4.6	3.1	1.3	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	3.9	4.4	14	5
16/12/2018	18:10	4.5	4.5	4.5	96	3.9	3	SSW	0.25	6	SSW	3.6	4.6	3.7	1.9	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	3.9	4.4	15	5
16/12/2018	18:15	4.5	4.5	4.5	96	3.9	3	SSW	0.25	7	SSW	3.6	4.6	3.7	1.9	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.3	3.3	3.9	4.4	15	5
16/12/2018	18:20	4.6	4.6	4.5	96	4.0	4	SSW	0.33	7	SSW	3.1	4.6	3.1	1.3	29.64	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.3	3.3	3.9	4.4	15	5
16/12/2018	18:25	4.6	4.6	4.6	96	4.0	3	SSW	0.25	5	SSW	3.7	4.6	3.7	1.9	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.3	3.3	3.9	4.4	15	5
16/12/2018	18:30	4.6	4.6	4.6	96	4.0	2	SSW	0.17	5	SSW	4.4	4.6	4.5	2.7	29.63	0.2	1.2	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.3	3.3	3.9	4.4	15	5
16/12/2018	18:35	4.6	4.6	4.6	96	4.0	3	SSW	0.25	6	SSW	3.7	4.6	3.7	1.9	29.64	0.0	1.2	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.3	3.3	3.9	4.4	15	5
16/12/2018	18:40	4.6	4.6	4.6	97	4.1	4	SSW	0.33	7	SSW	3.1	4.6	3.1	1.3	29.63	0.4	4.4	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	18:45	4.6	4.6	4.6	97	4.2	4	SSW	0.33	6	SSW	3.2	4.7	3.2	1.4	29.63	0.4	5.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	18:50	4.6	4.6	4.6	97	4.2	3	SSW	0.25	7	SSW	3.7	4.7	3.8	2.0	29.63	0.2	4.2	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	18:55	4.6	4.6	4.6	97	4.2	4	SSW	0.33	10	SSW	3.2	4.7	3.2	1.4	29.63	0.0	1.6	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	19:00	4.6	4.6	4.6	97	4.2	3	S	0.25	6	S	3.7	4.7	3.8	2.0	29.63	0.0	1.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	19:05	4.6	4.6	4.6	97	4.2	4	S	0.33	8	S	3.2	4.7	3.2	1.4	29.63	0.2	1.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	19:10	4.6	4.6	4.6	97	4.2	4	S	0.33	9	SSE	3.2	4.7	3.2	1.4	29.63	0.0	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	19:15	4.6	4.6	4.6	97	4.2	4	S	0.33	9	S	3.2	4.7	3.2	1.4	29.63	0.0	0.8	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	19:20	4.7	4.7	4.6	97	4.2	5	S	0.42	8	S	2.7	4.7	2.8	1.0	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	19:25	4.7	4.7	4.7	97	4.2	4	S	0.33	7	S	3.2	4.7	3.3	1.5	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	19:30	4.7	4.7	4.7	97	4.2	4	S	0.33	9	S	3.2	4.7	3.3	1.5	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	3.9	4.4	15	5
16/12/2018	19:35	4.7	4.7	4.7	97	4.2	3	S	0.25	7	S	3.8	4.7	3.8	2.1	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	19:40	4.7	4.7	4.7	97	4.2	3	S	0.25	5	S	3.8	4.7	3.8	2.1	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	19:45	4.7	4.7	4.7	97	4.2	3	S	0.25	5	S	3.8	4.7	3.8	2.1	29.63	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	19:50	4.7	4.7	4.7	97	4.2	3	S	0.25	7	S	3.8	4.7	3.8	2.1	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	19:55	4.7	4.7	4.7	97	4.2	3	S	0.25	5	S	3.8	4.7	3.8	2.1	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:00	4.7	4.7	4.7	97	4.2	3	S	0.25	5	S	3.8	4.7	3.8	2.1	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:05	4.7	4.7	4.7	97	4.2	2	S	0.17	5	S	4.6	4.7	4.6	2.8	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:10	4.7	4.7	4.7	97	4.2	3	S	0.25	7	S	3.8	4.7	3.8	2.1	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:15	4.7	4.7	4.7	97	4.2	2	S	0.17	5	S	4.6	4.7	4.6	2.8	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:20	4.7	4.7	4.7	97	4.2	2	S	0.17	5	S	4.6	4.7	4.6	2.8	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:25	4.7	4.7	4.7	97	4.2	3	S	0.25	6	S	3.8	4.7	3.8	2.1	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:30	4.7	4.7	4.7	97	4.2	2	S	0.17	4	S	4.6	4.7	4.6	2.8	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:35	4.7	4.7	4.7	97	4.2	2	S	0.17	3	S	4.6	4.7	4.6	2.8	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:40	4.7	4.7	4.7	97	4.2	1	S	0.08	3	S	4.7	4.7	4.7	2.9	29.64	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:45	4.7	4.7	4.7	97	4.2	2	S	0.17	4	S	4.6	4.7	4.6	2.8	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:50	4.7	4.7	4.7	97	4.2	3	SSW	0.25	10	SSW	3.8	4.7	3.8	2.1	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	20:55	4.7	4.7	4.7	97	4.2	4	SSW	0.33	6	SSW	3.2	4.7	3.3	1.5	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:00	4.7	4.7	4.7	97	4.3	3	SSW	0.25	6	SSW	3.9	4.8	3.9	2.2	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:05	4.7	4.7	4.7	98	4.4	2	SSW	0.17	4	SSW	4.6	4.8	4.7	2.9	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:10	4.7	4.7	4.7	98	4.4	2	SSW	0.17	5	SSW	4.6	4.8	4.7	2.9	29.64	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:15	4.7	4.7	4.7	98	4.4	1	SSW	0.08	4	SSW	4.7	4.8	4.8	3.1	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:20	4.8	4.8	4.7	97	4.3	1	SSW	0.08	5	SSW	4.8	4.8	4.8	3.1	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
16/12/2018	21:25	4.8	4.8	4.7	97	4.3	2	SSW	0.17	6	SSW	4.7	4.8	4.8	3.0	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:30	4.8	4.8	4.8	98	4.5	2	SSW	0.17	6	SSW	4.7	4.9	4.8	3.1	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:35	4.8	4.8	4.8	98	4.5	2	SSW	0.17	7	SSW	4.8	4.9	4.9	3.2	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:40	4.8	4.8	4.8	98	4.5	2	SSW	0.17	6	SSW	4.8	4.9	4.9	3.2	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:45	4.8	4.8	4.8	98	4.5	1	SSW	0.08	5	SSW	4.8	4.9	4.9	3.2	29.64	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:50	4.9	4.9	4.8	98	4.6	2	SSW	0.17	6	SSW	4.8	5.0	4.9	3.2	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	21:55	4.9	4.9	4.9	98	4.6	4	SSW	0.33	9	SSW	3.5	5.0	3.6	1.9	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	4.4	15	5
16/12/2018	22:00	4.9	4.9	4.9	98	4.6	4	SSW	0.33	7	SSW	3.5	5.0	3.6	1.9	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.9	4.4	4.4	15	5
16/12/2018	22:05	4.9	4.9	4.9	98	4.6	4	SSW	0.33	8	SSW	3.5	5.0	3.6	1.9	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.9	4.4	4.4	15	5
16/12/2018	22:10	4.9	4.9	4.9	98	4.6	4	SSW	0.33	7	SSW	3.5	5.0	3.6	1.9	29.65	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.9	4.4	4.4	15	5
16/12/2018	22:15	4.9	4.9	4.9	98	4.6	3	SSW	0.25	6	SSW	4.1	5.0	4.2	2.4	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.3	4.4	4.4	15	5
16/12/2018	22:20	4.9	4.9	4.9	98	4.6	3	SSW	0.25	6	SSW	4.1	5.0	4.2	2.4	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	3.9	3.3	4.4	4.4	15	5
16/12/2018	22:25	4.9	4.9	4.9	98	4.6	3	SSW	0.25	6	SSW	4.1	5.0	4.2	2.4	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	4.4	15	5
16/12/2018	22:30	4.9	4.9	4.9	98	4.7	1	SSW	0.08	3	SSW	4.9	5.1	5.1	3.3	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	22:35	4.9	4.9	4.9	98	4.7	1	SSW	0.08	3	SSW	4.9	5.1	5.1	3.3	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	22:40	4.9	4.9	4.9	98	4.7	0	SSW	0.00	2	SSW	4.9	5.1	5.1	3.3	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	22:45	4.9	4.9	4.9	98	4.7	0	---	0.00	0	---	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	22:50	4.9	4.9	4.9	98	4.7	0	---	0.00	0	---	4.9	5.1	5.1	3.3	29.66	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	22:55	4.9	4.9	4.9	98	4.7	0	---	0.00	0	---	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:00	4.9	4.9	4.9	98	4.7	0	---	0.00	0	---	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:05	4.9	4.9	4.9	98	4.7	0	SSW	0.00	2	SSW	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:10	4.9	4.9	4.9	98	4.7	0	---	0.00	0	---	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:15	4.9	4.9	4.9	98	4.7	0	SSW	0.00	1	SSW	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:20	4.9	4.9	4.9	98	4.7	0	---	0.00	0	---	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:25	4.9	4.9	4.9	98	4.7	0	---	0.00	0	---	4.9	5.1	5.1	3.3	29.67	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:30	4.9	4.9	4.9	98	4.7	0	---	0.00	0	---	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:35	4.9	4.9	4.9	98	4.7	0	---	0.00	0	---	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:40	4.9	4.9	4.9	98	4.7	1	SSW	0.08	3	SSW	4.9	5.1	5.1	3.3	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:45	4.9	4.9	4.9	98	4.7	2	SSW	0.17	5	SSW	4.9	5.1	5.0	3.3	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	4.4	15	5
16/12/2018	23:50	4.9	4.9	4.9	98	4.7	1	SSW	0.08	3	SSW	4.9	5.1	5.1	3.3	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
16/12/2018	23:55	4.9	4.9	4.9	98	4.7	0	SSW	0.00	2	SSW	4.9	5.1	5.1	3.3	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	00:00	4.9	4.9	4.9	98	4.6	1	SSW	0.08	3	SSW	4.9	5.0	5.0	3.3	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	00:05	4.9	4.9	4.9	98	4.7	1	SSW	0.08	3	SSW	4.9	5.1	5.1	3.3	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	00:10	4.9	4.9	4.9	98	4.6	2	SSW	0.17	3	SSW	4.8	5.0	4.9	3.2	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	00:15	4.9	4.9	4.9	98	4.6	3	SSW	0.25	5	SSW	4.1	5.0	4.2	2.4	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	4.4	15	5
17/12/2018	00:20	4.9	4.9	4.9	98	4.6	4	SSW	0.33	7	SSW	3.5	5.0	3.6	1.9	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	4.4	15	5
17/12/2018	00:25	4.9	4.9	4.9	98	4.6	2	SSW	0.17	5	SSW	4.8	5.0	4.9	3.2	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	4.4	15	5
17/12/2018	00:30	4.9	4.9	4.9	98	4.6	4	SSW	0.33	8	SSW	3.5	5.0	3.6	1.9	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	4.4	15	5
17/12/2018	00:35	4.9	4.9	4.9	98	4.7	4	SSW	0.33	8	SSW	3.6	5.1	3.7	1.9	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	4.4	15	5
17/12/2018	00:40	4.9	4.9	4.9	98	4.7	3	SSW	0.25	5	SSW	4.1	5.1	4.2	2.5	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	4.4	15	5
17/12/2018	00:45	4.9	4.9	4.9	98	4.7	4	SSW	0.33	5	SSW	3.6	5.1	3.7	1.9	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	5.0	15	5
17/12/2018	00:50	5.0	5.0	4.9	98	4.7	4	SSW	0.33	8	SSW	3.6	5.1	3.7	2.0	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	5.0	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
17/12/2018	00:55	5.0	5.0	5.0	98	4.7	3	SW	0.25	6	SW	4.2	5.1	4.3	2.6	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	5.0	15	5
17/12/2018	01:00	5.1	5.1	5.0	98	4.8	3	SW	0.25	9	WSW	4.2	5.2	4.3	2.6	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	5.0	15	5
17/12/2018	01:05	5.1	5.1	5.1	98	4.8	5	WSW	0.42	13	WNW	3.2	5.2	3.3	1.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	5.0	15	5
17/12/2018	01:10	5.1	5.1	5.1	98	4.8	5	WNW	0.42	8	WNW	3.2	5.2	3.3	1.6	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	5.0	15	5
17/12/2018	01:15	5.1	5.1	5.1	98	4.8	3	WNW	0.25	9	WNW	4.2	5.2	4.3	2.6	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	5.0	15	5
17/12/2018	01:20	5.1	5.1	5.1	98	4.8	3	WNW	0.25	7	WNW	4.2	5.2	4.3	2.6	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	5.0	15	5
17/12/2018	01:25	5.1	5.1	5.1	98	4.8	6	WNW	0.50	12	WNW	2.8	5.2	2.9	1.2	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.9	4.4	5.0	15	5
17/12/2018	01:30	5.1	5.1	5.0	98	4.8	4	NW	0.33	9	NW	3.7	5.2	3.8	2.1	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	5.0	15	5
17/12/2018	01:35	4.9	5.0	4.9	98	4.7	6	WNW	0.50	12	W	2.7	5.1	2.8	1.1	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	01:40	4.9	4.9	4.9	98	4.6	5	W	0.42	10	W	3.0	5.0	3.1	1.4	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	4.4	15	5
17/12/2018	01:45	4.9	4.9	4.9	98	4.6	4	W	0.33	9	W	3.5	5.0	3.6	1.9	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	4.4	15	5
17/12/2018	01:50	4.8	4.9	4.8	98	4.5	5	W	0.42	12	W	2.9	4.9	3.1	1.3	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	4.4	15	5
17/12/2018	01:55	4.8	4.8	4.8	98	4.5	6	WSW	0.50	12	W	2.6	4.9	2.7	0.9	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	4.4	15	5
17/12/2018	02:00	4.8	4.8	4.8	98	4.5	6	WSW	0.50	12	W	2.5	4.9	2.6	0.9	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.2	4.4	4.4	15	5
17/12/2018	02:05	4.8	4.8	4.7	98	4.5	6	W	0.50	9	W	2.5	4.9	2.6	0.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.2	4.4	4.4	15	5
17/12/2018	02:10	4.7	4.8	4.7	98	4.4	6	WSW	0.50	10	WSW	2.4	4.8	2.5	0.7	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	4.4	15	5
17/12/2018	02:15	4.8	4.8	4.7	98	4.5	5	WSW	0.42	9	WSW	2.9	4.9	3.0	1.3	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	02:20	4.8	4.8	4.8	98	4.5	4	WSW	0.33	7	WSW	3.4	4.9	3.5	1.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	02:25	4.9	4.9	4.8	98	4.6	6	W	0.50	11	W	2.6	5.0	2.7	1.0	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	02:30	4.9	4.9	4.9	98	4.7	6	W	0.50	9	W	2.7	5.1	2.8	1.1	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	02:35	5.0	5.0	4.9	98	4.7	6	W	0.50	12	W	2.7	5.1	2.8	1.1	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	4.4	15	5
17/12/2018	02:40	5.1	5.1	5.0	98	4.8	6	W	0.50	10	W	2.8	5.2	2.9	1.2	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	4.4	15	5
17/12/2018	02:45	5.1	5.1	5.1	98	4.8	4	W	0.33	9	W	3.7	5.2	3.8	2.1	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	4.4	15	5
17/12/2018	02:50	5.1	5.1	5.1	98	4.8	4	W	0.33	8	W	3.7	5.2	3.8	2.1	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	4.4	15	5
17/12/2018	02:55	5.1	5.2	5.1	98	4.8	3	W	0.25	6	W	4.3	5.2	4.4	2.7	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	5.0	15	5
17/12/2018	03:00	5.1	5.1	5.1	98	4.8	4	W	0.33	10	SW	3.7	5.2	3.8	2.1	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	2.8	4.4	5.0	15	5
17/12/2018	03:05	5.2	5.2	5.1	98	4.9	6	W	0.50	13	W	2.9	5.3	3.1	1.3	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	3.9	3.3	4.4	5.0	15	5
17/12/2018	03:10	5.2	5.3	5.2	98	4.9	5	W	0.42	11	W	3.4	5.3	3.5	1.8	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	03:15	5.3	5.3	5.2	98	5.0	6	W	0.50	12	WNW	3.1	5.4	3.2	1.4	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	03:20	5.3	5.3	5.3	98	5.0	5	W	0.42	13	W	3.4	5.4	3.6	1.8	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	03:25	5.3	5.3	5.3	97	4.8	5	W	0.42	10	W	3.4	5.3	3.5	1.8	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	03:30	5.3	5.3	5.3	98	5.0	5	W	0.42	10	W	3.5	5.4	3.6	1.9	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5
17/12/2018	03:35	5.3	5.4	5.3	98	5.0	6	W	0.50	17	W	3.1	5.4	3.2	1.5	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5
17/12/2018	03:40	5.4	5.4	5.3	98	5.1	7	W	0.58	12	WNW	2.8	5.5	2.9	1.2	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	03:45	5.4	5.4	5.4	97	5.0	8	WNW	0.67	14	NW	2.6	5.4	2.6	1.0	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5
17/12/2018	03:50	5.4	5.4	5.4	97	5.0	3	W	0.25	10	WSW	4.6	5.4	4.7	2.9	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	03:55	5.3	5.4	5.3	97	4.9	4	NW	0.33	7	NW	4.0	5.4	4.1	2.3	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	4.4	15	5
17/12/2018	04:00	5.3	5.3	5.3	97	4.8	3	NW	0.25	8	NW	4.5	5.3	4.6	2.8	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.2	4.4	4.4	15	5
17/12/2018	04:05	5.2	5.3	5.2	97	4.8	3	NW	0.25	8	NW	4.4	5.3	4.4	2.7	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.2	4.4	5.0	15	5
17/12/2018	04:10	5.2	5.2	5.2	97	4.7	1	NW	0.08	3	NW	5.2	5.2	5.2	3.5	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.2	4.4	4.4	15	5
17/12/2018	04:15	5.2	5.2	5.2	97	4.7	2	WSW	0.17	6	WSW	5.1	5.2	5.2	3.4	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.2	4.4	4.4	15	5
17/12/2018	04:20	5.1	5.2	5.1	97	4.7	4	WSW	0.33	9	SW	3.7	5.2	3.8	2.1	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
17/12/2018	04:25	5.1	5.1	5.1	97	4.7	6	WSW	0.50	16	W	2.8	5.2	2.9	1.2	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	04:30	5.2	5.2	5.1	97	4.7	5	W	0.42	12	W	3.3	5.2	3.4	1.7	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	5.0	15	5
17/12/2018	04:35	5.2	5.2	5.2	97	4.8	4	W	0.33	11	W	3.8	5.3	3.9	2.2	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	04:40	5.3	5.3	5.2	97	4.9	7	W	0.58	15	WNW	2.8	5.4	2.8	1.1	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5
17/12/2018	04:45	5.4	5.4	5.3	97	5.0	5	W	0.42	13	W	3.6	5.4	3.6	1.9	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	04:50	5.4	5.4	5.4	97	5.0	6	W	0.50	12	W	3.3	5.5	3.3	1.6	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5
17/12/2018	04:55	5.5	5.5	5.4	97	5.1	6	W	0.50	14	W	3.3	5.6	3.4	1.7	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5
17/12/2018	05:00	5.4	5.4	5.4	97	5.0	7	W	0.58	12	W	2.9	5.5	3.0	1.3	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	05:05	5.4	5.4	5.4	96	4.9	6	W	0.50	11	WNW	3.3	5.5	3.3	1.6	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	5.0	15	5
17/12/2018	05:10	5.4	5.4	5.4	96	4.8	7	W	0.58	13	W	2.8	5.4	2.9	1.2	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	05:15	5.4	5.4	5.4	96	4.8	5	W	0.42	12	WNW	3.6	5.4	3.6	1.9	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	05:20	5.3	5.4	5.3	96	4.7	4	W	0.33	10	WNW	4.0	5.4	4.1	2.3	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	05:25	5.3	5.4	5.3	96	4.7	4	WSW	0.33	11	SW	4.0	5.4	4.1	2.3	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	05:30	5.3	5.3	5.3	96	4.7	3	SW	0.25	6	WSW	4.6	5.4	4.6	2.9	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	4.4	15	5
17/12/2018	05:35	5.3	5.3	5.3	96	4.7	3	SW	0.25	9	W	4.5	5.3	4.6	2.8	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	4.4	15	5
17/12/2018	05:40	5.3	5.3	5.3	96	4.7	3	SW	0.25	5	SW	4.5	5.3	4.6	2.8	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	4.4	15	5
17/12/2018	05:45	5.2	5.3	5.2	96	4.6	4	S	0.33	6	S	3.8	5.3	3.9	2.2	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	4.4	15	5
17/12/2018	05:50	5.2	5.2	5.2	96	4.6	4	S	0.33	6	S	3.8	5.2	3.8	2.1	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	05:55	5.2	5.2	5.1	96	4.6	5	SSW	0.42	8	S	3.3	5.2	3.4	1.7	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	06:00	5.1	5.2	5.1	96	4.5	6	SSW	0.50	9	SSW	2.8	5.2	2.9	1.2	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	3.3	4.4	5.0	15	5
17/12/2018	06:05	5.1	5.1	5.1	96	4.5	6	SW	0.50	10	W	2.8	5.2	2.9	1.2	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	06:10	5.1	5.1	5.1	96	4.5	7	SW	0.58	11	SW	2.5	5.2	2.6	0.8	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	06:15	5.1	5.1	5.1	96	4.5	6	SW	0.50	10	SW	2.8	5.2	2.9	1.2	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	06:20	5.1	5.1	5.1	96	4.5	7	SW	0.58	13	SSW	2.5	5.2	2.6	0.8	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	06:25	5.1	5.1	5.1	96	4.5	7	SW	0.58	11	SW	2.4	5.1	2.5	0.8	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	5.0	15	5
17/12/2018	06:30	5.1	5.1	5.1	96	4.5	6	SW	0.50	10	SW	2.8	5.1	2.8	1.1	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	06:35	5.1	5.1	5.0	96	4.5	5	SSW	0.42	9	SSW	3.2	5.1	3.2	1.5	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.8	4.4	5.0	15	5
17/12/2018	06:40	5.0	5.1	5.0	96	4.4	6	SW	0.50	10	SW	2.7	5.1	2.8	1.0	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	4.4	15	5
17/12/2018	06:45	5.0	5.0	4.9	96	4.4	5	SW	0.42	9	SW	3.1	5.1	3.2	1.4	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	4.4	15	5
17/12/2018	06:50	4.9	5.0	4.9	96	4.4	6	SW	0.50	14	W	2.7	5.0	2.7	0.9	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	5.0	15	5
17/12/2018	06:55	4.9	4.9	4.9	96	4.4	5	SW	0.42	8	SW	3.1	5.0	3.1	1.3	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	4.4	15	5
17/12/2018	07:00	4.9	4.9	4.9	96	4.4	7	WSW	0.58	12	WSW	2.3	5.0	2.4	0.6	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	4.4	15	5
17/12/2018	07:05	4.9	4.9	4.9	96	4.4	7	WSW	0.58	13	SSW	2.3	5.0	2.4	0.6	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	4.4	15	5
17/12/2018	07:10	4.9	4.9	4.9	96	4.4	9	SW	0.75	14	WSW	1.8	5.0	1.8	0.2	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	5.0	15	5
17/12/2018	07:15	4.9	4.9	4.9	95	4.2	8	SW	0.67	14	SW	2.1	5.0	2.1	0.4	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	5.0	15	5
17/12/2018	07:20	4.9	4.9	4.9	95	4.2	7	SW	0.58	13	W	2.3	5.0	2.4	0.6	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	2.2	4.4	4.4	15	5
17/12/2018	07:25	4.9	4.9	4.9	95	4.2	7	SW	0.58	12	WSW	2.3	4.9	2.3	0.6	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.7	4.4	4.4	15	5
17/12/2018	07:30	4.8	4.9	4.8	95	4.1	5	WSW	0.42	10	W	2.9	4.9	3.0	1.2	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.7	4.4	4.4	15	5
17/12/2018	07:35	4.8	4.8	4.8	95	4.0	7	W	0.58	12	W	2.1	4.8	2.2	0.4	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.7	4.4	4.4	15	5
17/12/2018	07:40	4.7	4.8	4.7	95	4.0	7	SW	0.58	13	W	2.1	4.8	2.1	0.3	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.7	4.4	4.4	15	5
17/12/2018	07:45	4.7	4.7	4.7	95	4.0	6	SW	0.50	12	WSW	2.4	4.8	2.4	0.7	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.7	4.4	4.4	15	5
17/12/2018	07:50	4.7	4.7	4.7	95	3.9	6	W	0.50	11	W	2.3	4.7	2.4	0.6	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.7	4.4	4.4	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
17/12/2018	07:55	4.6	4.7	4.6	95	3.9	6	SW	0.50	11	SW	2.3	4.7	2.3	0.6	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.7	4.4	4.4	15	5
17/12/2018	08:00	4.6	4.6	4.6	95	3.8	6	SW	0.50	11	WSW	2.2	4.6	2.3	0.5	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.7	4.4	3.9	15	5
17/12/2018	08:05	4.5	4.6	4.5	95	3.8	4	W	0.33	10	W	3.0	4.6	3.1	1.3	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.7	4.4	3.9	15	5
17/12/2018	08:10	4.4	4.5	4.4	95	3.7	4	SW	0.33	7	SW	2.9	4.5	3.0	1.2	29.90	0.0	0.0	1	0.01	5	0	0.00	0.00	0.05	0.00	0.00	58	3.9	1.1	4.4	3.9	15	5
17/12/2018	08:15	4.3	4.4	4.3	95	3.6	6	SW	0.50	9	SW	1.9	4.4	2.0	0.3	29.90	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.1	4.4	3.3	15	5
17/12/2018	08:20	4.2	4.3	4.2	95	3.5	5	SW	0.42	8	SW	2.2	4.3	2.3	0.6	29.90	0.0	0.0	6	0.04	7	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.1	4.4	3.3	15	5
17/12/2018	08:25	4.2	4.2	4.2	95	3.4	6	SW	0.50	9	SW	1.8	4.2	1.8	0.1	29.90	0.0	0.0	8	0.06	9	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.1	4.4	3.3	15	5
17/12/2018	08:30	4.1	4.2	4.1	95	3.3	7	SW	0.58	10	WSW	1.3	4.1	1.3	-0.4	29.90	0.0	0.0	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.1	4.4	3.3	15	5
17/12/2018	08:35	4.1	4.1	4.1	95	3.3	8	SW	0.67	12	WSW	0.9	4.1	0.9	-0.6	29.90	0.0	0.0	11	0.08	12	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.1	4.4	3.9	15	5
17/12/2018	08:40	4.0	4.1	4.0	95	3.3	8	SW	0.67	11	SW	0.9	4.0	0.9	-0.7	29.90	0.0	0.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	3.9	15	5
17/12/2018	08:45	4.0	4.1	4.0	95	3.3	7	SW	0.58	9	SW	1.2	4.0	1.2	-0.4	29.90	0.0	0.0	14	0.10	14	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	3.9	15	5
17/12/2018	08:50	4.0	4.1	4.0	95	3.3	7	SW	0.58	10	WSW	1.2	4.0	1.2	-0.4	29.91	0.0	0.0	16	0.11	16	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.1	4.4	3.9	15	5
17/12/2018	08:55	4.0	4.0	4.0	95	3.3	7	SW	0.58	11	WSW	1.2	4.0	1.2	-0.3	29.90	0.0	0.0	17	0.12	18	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	3.9	15	5
17/12/2018	09:00	4.1	4.1	4.0	95	3.3	7	WSW	0.58	11	W	1.3	4.1	1.3	-0.3	29.90	0.0	0.0	18	0.13	19	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	3.9	15	5
17/12/2018	09:05	4.1	4.1	4.0	95	3.3	6	SW	0.50	13	SW	1.6	4.1	1.6	0.1	29.90	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:10	4.1	4.1	4.1	95	3.4	7	WSW	0.58	12	WSW	1.3	4.1	1.3	-0.2	29.91	0.0	0.0	21	0.15	21	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:15	4.2	4.2	4.1	95	3.4	6	WSW	0.50	12	WSW	1.8	4.2	1.8	0.3	29.91	0.0	0.0	21	0.15	23	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:20	4.2	4.2	4.2	95	3.4	6	WSW	0.50	14	SW	1.8	4.2	1.8	0.3	29.91	0.0	0.0	23	0.16	25	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:25	4.2	4.2	4.2	95	3.5	8	SW	0.67	14	WSW	1.2	4.3	1.2	-0.2	29.92	0.0	0.0	25	0.18	25	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:30	4.2	4.2	4.2	95	3.5	8	SW	0.67	14	SW	1.2	4.3	1.2	-0.2	29.92	0.0	0.0	26	0.19	26	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:35	4.2	4.2	4.2	95	3.4	8	SW	0.67	12	SW	1.1	4.2	1.1	-0.3	29.93	0.0	0.0	26	0.19	26	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:40	4.2	4.2	4.2	95	3.5	9	SW	0.75	13	WSW	0.9	4.3	0.9	-0.3	29.93	0.0	0.0	28	0.20	28	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:45	4.3	4.3	4.2	95	3.5	6	SW	0.50	10	WSW	1.9	4.3	1.9	0.6	29.92	0.0	0.0	28	0.20	28	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:50	4.3	4.3	4.3	95	3.6	6	SW	0.50	9	SW	1.9	4.4	2.0	0.6	29.93	0.0	0.0	29	0.21	30	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	09:55	4.3	4.3	4.3	95	3.6	6	SW	0.50	9	SW	1.9	4.4	2.0	0.6	29.93	0.0	0.0	30	0.22	30	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	10:00	4.3	4.4	4.3	95	3.6	6	SW	0.50	9	SW	1.9	4.4	2.0	0.7	29.93	0.0	0.0	35	0.25	39	0	0.00	0.00	0.05	0.00	0.03	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	10:05	4.4	4.4	4.3	95	3.7	5	SW	0.42	8	WSW	2.4	4.4	2.5	2.0	29.93	0.0	0.0	34	0.24	39	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	4.4	15	5
17/12/2018	10:10	4.4	4.4	4.4	95	3.7	5	SW	0.42	7	SW	2.4	4.4	2.5	2.0	29.93	0.0	0.0	35	0.25	35	0	0.00	0.00	0.05	0.00	0.00	59	3.9	1.7	4.4	5.0	15	5
17/12/2018	10:15	4.4	4.4	4.4	95	3.7	5	SW	0.42	9	WSW	2.5	4.5	2.6	2.4	29.94	0.0	0.0	48	0.34	67	0	0.00	0.00	0.05	0.00	0.00	60	3.9	1.7	4.4	5.0	15	5
17/12/2018	10:20	4.7	4.7	4.4	95	4.0	5	SW	0.42	12	WSW	2.8	4.8	2.9	3.7	29.94	0.0	0.0	94	0.67	109	0	0.00	0.00	0.05	0.00	0.00	60	3.9	2.2	4.4	5.0	15	5
17/12/2018	10:25	5.0	5.0	4.7	95	4.3	5	SW	0.42	10	WSW	3.1	5.1	3.2	4.2	29.94	0.0	0.0	103	0.74	113	0	0.00	0.00	0.05	0.00	0.00	60	3.9	2.2	4.4	5.0	15	5
17/12/2018	10:30	5.1	5.1	5.0	94	4.2	6	SW	0.50	10	W	2.8	5.2	2.9	3.7	29.94	0.0	0.0	90	0.65	105	0	0.00	0.00	0.05	0.00	0.00	60	3.9	2.2	4.4	5.6	15	5
17/12/2018	10:35	5.2	5.2	5.1	93	4.1	8	SW	0.67	12	WSW	2.3	5.2	2.3	2.6	29.94	0.0	0.0	67	0.48	70	0	0.00	0.00	0.05	0.00	0.00	60	3.9	2.2	4.4	5.6	15	5
17/12/2018	10:40	5.1	5.2	5.1	93	4.1	9	SW	0.75	14	SW	1.9	5.1	1.9	1.8	29.94	0.0	0.0	47	0.34	56	0	0.00	0.00	0.05	0.00	0.00	60	3.9	2.8	4.4	5.0	15	5
17/12/2018	10:45	5.1	5.1	5.1	93	4.0	9	SW	0.75	12	SW	1.9	5.1	1.9	2.7	29.94	0.0	0.0	94	0.67	127	0	0.00	0.00	0.05	0.00	0.00	60	3.9	2.8	4.4	5.0	15	5
17/12/2018	10:50	5.0	5.1	5.0	93	4.0	8	SW	0.67	12	WSW	2.1	5.0	2.1	3.5	29.94	0.0	0.0	123	0.88	128	0	0.00	0.00	0.05	0.00	0.00	59	3.9	2.8	4.4	5.0	15	5
17/12/2018	10:55	5.1	5.1	5.0	93	4.0	8	SW	0.67	11	SW	2.2	5.1	2.2	3.2	29.94	0.0	0.0	107	0.77	116	0	0.00	0.00	0.05	0.00	0.00	59	3.9	2.8	4.4	5.6	15	5
17/12/2018	11:00	5.1	5.1	5.1	93	4.0	8	SW	0.67	14	SSW	2.2	5.1	2.2	2.6	29.94	0.0	0.0	74	0.53	86	0	0.00	0.00	0.05	0.00	0.03	59	3.9	2.8	4.4	5.6	15	5
17/12/2018	11:05	5.2	5.2	5.1	93	4.1	7	SW	0.58	12	WSW	2.6	5.2	2.6	2.8	29.93	0.0	0.0	66	0.47	83	0	0.00	0.00	0.05	0.00	0.00	59	3.9	2.8	4.4	5.6	14	5
17/12/2018	11:10	5.2	5.2	5.1	93	4.1	7	SW	0.58	11	WSW	2.6	5.2	2.6	2.8	29.94	0.0	0.0	65	0.47	93	0	0.00	0.00	0.05	0.00	0.00	59	3.9	2.8	4.4	6.1	14	5
17/12/2018	11:15	5.2	5.2	5.2	93	4.2	7	SW	0.58	12	SSW	2.7	5.2	2.7	3.6	29.94	0.0	0.0	95	0.68	118	0	0.00	0.00	0.05	0.00	0.00	59	3.9	2.8	4.4	6.1	14	5
17/12/2018	11:20	5.3	5.3	5.2	93	4.2	7	SW	0.58	11	SSW	2.7	5.3	2.7	3.9	29.94	0.0	0.0	110	0.79	127	0	0.00	0.00	0.05	0.00	0.00	59	3.9	2.8	4.4	6.7	13	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
17/12/2018	11:25	5.4	5.4	5.3	93	4.3	7	SW	0.58	10	WSW	2.8	5.4	2.8	4.2	29.94	0.0	0.0	117	0.84	123	0	0.00	0.00	0.05	0.00	0.00	59	3.9	2.8	4.4	6.1	13	5
17/12/2018	11:30	5.4	5.4	5.3	93	4.4	7	SW	0.58	10	WSW	2.9	5.5	3.0	4.1	29.94	0.0	0.0	102	0.73	118	0	0.00	0.00	0.05	0.00	0.00	59	3.9	2.8	4.4	6.7	13	5
17/12/2018	11:35	5.6	5.6	5.4	93	4.5	8	SW	0.67	11	WSW	2.8	5.6	2.8	3.3	29.94	0.0	0.0	79	0.57	91	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.3	4.4	6.7	12	5
17/12/2018	11:40	5.7	5.7	5.6	93	4.6	8	SW	0.67	11	SSW	2.9	5.7	2.9	3.2	29.93	0.0	0.0	65	0.47	72	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.3	4.4	6.7	12	5
17/12/2018	11:45	5.8	5.8	5.7	93	4.7	7	SW	0.58	12	SSW	3.3	5.8	3.4	4.1	29.94	0.0	0.0	86	0.62	98	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.3	4.4	7.2	10	5
17/12/2018	11:50	5.9	5.9	5.8	93	4.8	8	SW	0.67	11	SSW	3.2	5.9	3.2	4.2	29.93	0.0	0.0	102	0.73	114	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.3	4.4	7.2	9	5
17/12/2018	11:55	5.9	5.9	5.9	93	4.9	8	SW	0.67	13	SSW	3.2	6.0	3.3	4.9	29.94	0.0	0.0	136	0.97	165	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.3	4.4	7.8	6	5
17/12/2018	12:00	6.1	6.1	5.9	92	4.9	9	SW	0.75	13	SW	3.1	6.1	3.1	3.9	29.94	0.0	0.0	95	0.68	141	0	0.00	0.00	0.04	0.00	0.05	59	3.9	3.3	4.4	7.2	4	5
17/12/2018	12:05	6.2	6.2	6.1	92	5.0	7	SW	0.58	12	SW	3.9	6.3	3.9	5.1	29.94	0.0	0.0	105	0.75	130	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.3	4.4	6.7	3	5
17/12/2018	12:10	6.3	6.3	6.2	92	5.1	6	SW	0.50	10	SW	4.3	6.4	4.4	5.7	29.94	0.0	0.0	114	0.82	125	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.3	4.4	6.7	3	5
17/12/2018	12:15	6.4	6.4	6.3	91	5.1	7	SW	0.58	13	WSW	4.2	6.5	4.2	5.4	29.94	0.0	0.0	110	0.79	118	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.3	4.4	6.7	2	5
17/12/2018	12:20	6.4	6.4	6.4	91	5.1	8	SW	0.67	11	SSW	3.8	6.5	3.9	5.1	29.94	0.0	0.0	110	0.79	123	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.9	4.4	7.8	2	5
17/12/2018	12:25	6.5	6.5	6.4	91	5.1	7	SW	0.58	11	WSW	4.2	6.6	4.3	5.7	29.94	0.0	0.0	117	0.84	121	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.9	4.4	7.8	1	5
17/12/2018	12:30	6.6	6.6	6.5	91	5.2	6	SW	0.50	11	SW	4.7	6.7	4.7	6.3	29.94	0.0	0.0	126	0.90	137	0	0.00	0.00	0.04	0.00	0.00	59	3.9	3.9	4.4	7.2	1	5
17/12/2018	12:35	6.6	6.6	6.6	91	5.2	6	SSW	0.50	10	SW	4.7	6.7	4.7	6.5	29.94	0.0	0.0	137	0.98	155	0	0.00	0.00	0.04	0.00	0.00	59	3.9	4.4	4.4	7.2	1	5
17/12/2018	12:40	6.6	6.7	6.6	91	5.2	3	S	0.25	8	SSW	6.0	6.7	6.1	7.5	29.94	0.0	0.0	119	0.85	128	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	7.2	0	5
17/12/2018	12:45	6.7	6.7	6.6	92	5.5	5	SSW	0.42	10	SSW	5.1	6.7	5.2	6.4	29.94	0.0	0.0	113	0.81	132	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	7.2	0	5
17/12/2018	12:50	6.8	6.8	6.7	91	5.4	6	SW	0.50	14	SW	4.8	6.8	4.9	6.1	29.94	0.0	0.0	110	0.79	127	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.9	4.4	7.2	0	5
17/12/2018	12:55	6.8	6.9	6.8	91	5.5	7	SW	0.58	12	SW	4.7	6.9	4.7	6.0	29.94	0.0	0.0	113	0.81	127	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	7.2	0	5
17/12/2018	13:00	6.8	6.9	6.8	91	5.5	6	SW	0.50	12	WSW	4.9	6.9	5.0	5.6	29.94	0.0	0.0	81	0.58	86	0	0.00	0.00	0.04	0.00	0.05	58	3.9	4.4	4.4	7.2	0	5
17/12/2018	13:05	6.8	6.8	6.8	91	5.4	7	SW	0.58	13	WSW	4.6	6.8	4.6	5.2	29.94	0.0	0.0	79	0.57	83	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	7.2	0	5
17/12/2018	13:10	6.7	6.8	6.7	91	5.4	7	SW	0.58	13	SSW	4.5	6.8	4.6	5.3	29.93	0.0	0.0	85	0.61	90	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	7.2	0	5
17/12/2018	13:15	6.7	6.7	6.7	91	5.3	9	SW	0.75	14	WSW	3.8	6.7	3.8	4.4	29.93	0.0	0.0	82	0.59	95	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	13:20	6.7	6.7	6.7	91	5.3	9	SW	0.75	16	SW	3.8	6.7	3.8	4.2	29.93	0.0	0.0	71	0.51	72	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	13:25	6.7	6.7	6.7	91	5.3	9	SW	0.75	19	SSW	3.8	6.7	3.8	4.2	29.93	0.0	0.0	70	0.50	72	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	13:30	6.6	6.7	6.6	91	5.2	11	WSW	0.92	17	SW	3.2	6.7	3.2	3.6	29.93	0.0	0.0	73	0.52	74	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	13:35	6.6	6.7	6.6	92	5.4	10	SW	0.83	17	SW	3.4	6.7	3.5	3.9	29.93	0.0	0.0	74	0.53	74	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	13:40	6.6	6.6	6.6	92	5.4	10	SW	0.83	16	SW	3.4	6.7	3.5	3.9	29.94	0.0	0.0	74	0.53	74	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	13:45	6.6	6.6	6.6	92	5.4	10	SW	0.83	17	W	3.4	6.7	3.5	3.9	29.94	0.0	0.0	76	0.54	77	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	13:50	6.6	6.6	6.6	92	5.3	10	SW	0.83	15	SW	3.4	6.6	3.4	3.9	29.94	0.0	0.0	77	0.55	77	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	13:55	6.5	6.6	6.5	92	5.3	10	SW	0.83	16	SW	3.3	6.6	3.3	3.8	29.94	0.0	0.0	77	0.55	77	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	14:00	6.5	6.5	6.4	91	5.1	11	SW	0.92	16	WSW	3.1	6.6	3.1	3.6	29.94	0.0	0.0	76	0.54	77	0	0.00	0.00	0.04	0.00	0.05	58	3.9	5.0	4.4	6.7	0	5
17/12/2018	14:05	6.5	6.5	6.4	91	5.1	9	SW	0.75	21	W	3.6	6.6	3.6	3.9	29.94	0.0	0.0	71	0.51	74	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	14:10	6.4	6.5	6.4	91	5.1	9	SW	0.75	15	WSW	3.5	6.5	3.6	3.8	29.94	0.0	0.0	64	0.46	69	0	0.00	0.00	0.04	0.00	0.00	58	3.9	4.4	4.4	6.7	0	5
17/12/2018	14:15	6.4	6.5	6.4	91	5.1	10	SW	0.83	15	SSW	3.2	6.5	3.3	3.3	29.94	0.0	0.0	55	0.39	58	0	0.00	0.00	0.04	0.00	0.00	57	3.9	4.4	4.4	6.7	0	5
17/12/2018	14:20	6.4	6.4	6.4	91	5.1	7	SW	0.58	14	WSW	4.2	6.5	4.2	4.2	29.94	0.0	0.0	51	0.37	51	0	0.00	0.00	0.04	0.00	0.00	57	3.9	4.4	4.4	6.7	0	5
17/12/2018	14:25	6.4	6.5	6.4	91	5.1	7	SW	0.58	12	WSW	4.2	6.5	4.2	4.1	29.94	0.0	0.0	47	0.34	49	0	0.00	0.00	0.04	0.00	0.00	57	3.9	4.4	4.4	6.7	0	5
17/12/2018	14:30	6.4	6.4	6.4	91	5.1	8	SW	0.67	11	WSW	3.8	6.5	3.9	2.7	29.94	0.0	0.0	44	0.32	46	0	0.00	0.00	0.04	0.00	0.00	57	3.9	4.4	4.4	6.7	0	5
17/12/2018	14:35	6.4	6.4	6.4	92	5.2	8	SW	0.67	11	WSW	3.8	6.4	3.8	2.7	29.95	0.0	0.0	42	0.30	42	0	0.00	0.00	0.04	0.00	0.00	57	3.9	4.4	4.4	6.1	0	5
17/12/2018	14:40	6.4	6.4	6.4	92	5.2	7	SW	0.58	11	WSW	4.1	6.4	4.2	2.9	29.95	0.0	0.0	42	0.30	42	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	6.1	0	5
17/12/2018	14:45	6.4	6.4	6.4	92	5.2	7	SW	0.58	10	WSW	4.1	6.4	4.2	2.9	29.95	0.0	0.0	41	0.29	42	0	0.00	0.00	0.04	0.00	0.00	57	3.9	4.4	4.4	6.1	0	5
17/12/2018	14:50	6.3	6.4	6.3	92	5.1	7	SW	0.58	11	SW	4.1	6.4	4.1	2.8	29.95	0.0	0.0	37	0.27	39	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	6.1	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
17/12/2018	14:55	6.3	6.4	6.3	92	5.1	6	SW	0.50	10	SW	4.3	6.4	4.4	3.0	29.95	0.0	0.0	31	0.22	33	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	6.1	0	5
17/12/2018	15:00	6.3	6.3	6.3	92	5.1	5	SW	0.42	8	SW	4.7	6.3	4.7	3.3	29.95	0.0	0.0	26	0.19	26	0	0.00	0.00	0.04	0.00	0.03	57	3.9	3.9	4.4	6.1	0	5
17/12/2018	15:05	6.2	6.3	6.2	92	5.0	5	SW	0.42	9	SW	4.5	6.2	4.5	3.0	29.95	0.0	0.0	22	0.16	23	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	6.1	0	5
17/12/2018	15:10	6.1	6.1	6.1	93	5.0	5	SW	0.42	11	SSW	4.4	6.1	4.4	2.9	29.95	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	6.1	0	5
17/12/2018	15:15	6.0	6.1	6.0	93	5.0	6	SSW	0.50	11	SSW	3.9	6.1	4.0	2.4	29.95	0.0	0.0	13	0.09	16	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	0	5
17/12/2018	15:20	5.9	6.0	5.9	93	4.9	6	SW	0.50	11	SSW	3.8	6.0	3.9	2.2	29.95	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	0	5
17/12/2018	15:25	5.9	5.9	5.9	93	4.9	6	SSW	0.50	12	SSW	3.8	6.0	3.9	2.2	29.95	0.0	0.0	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.3	4.4	5.6	0	5
17/12/2018	15:30	5.9	5.9	5.9	93	4.8	6	SSW	0.50	9	SSW	3.8	5.9	3.8	2.2	29.95	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	15:35	5.9	5.9	5.9	93	4.8	6	SW	0.50	12	SSW	3.8	5.9	3.8	2.1	29.96	0.0	0.0	5	0.04	7	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	15:40	5.8	5.9	5.8	93	4.8	8	SW	0.67	12	SSW	3.1	5.9	3.2	1.5	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	15:45	5.8	5.8	5.8	93	4.7	8	SW	0.67	15	SSW	3.1	5.8	3.1	1.4	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	15:50	5.8	5.8	5.8	93	4.7	8	SW	0.67	14	SW	3.1	5.8	3.1	1.4	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	15:55	5.8	5.8	5.8	94	4.9	8	SW	0.67	14	SSW	3.1	5.8	3.1	1.4	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	16:00	5.8	5.8	5.8	94	4.9	7	SW	0.58	11	SW	3.3	5.8	3.4	1.6	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	16:05	5.7	5.8	5.7	94	4.8	7	SW	0.58	15	SSW	3.3	5.8	3.3	1.6	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	16:10	5.7	5.7	5.7	94	4.8	7	SW	0.58	12	SSW	3.3	5.8	3.3	1.6	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	16:15	5.7	5.7	5.7	94	4.8	5	SSW	0.42	9	SW	4.0	5.8	4.1	2.3	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.3	4.4	5.6	0	5
17/12/2018	16:20	5.7	5.7	5.7	94	4.8	6	SW	0.50	10	S	3.5	5.7	3.6	1.8	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	3.9	3.9	4.4	5.6	0	5
17/12/2018	16:25	5.7	5.7	5.7	94	4.8	6	SW	0.50	9	WSW	3.5	5.7	3.6	1.8	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	0	5
17/12/2018	16:30	5.7	5.7	5.7	94	4.8	6	SW	0.50	10	SSW	3.5	5.7	3.6	1.8	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.3	4.4	5.6	0	5
17/12/2018	16:35	5.7	5.7	5.7	94	4.8	5	SW	0.42	11	SSW	3.9	5.7	3.9	2.2	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.3	4.4	5.6	0	5
17/12/2018	16:40	5.7	5.7	5.7	94	4.8	6	SSW	0.50	11	SSW	3.5	5.7	3.6	1.8	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	0	5
17/12/2018	16:45	5.7	5.7	5.7	94	4.8	5	SSW	0.42	10	SSW	4.0	5.8	4.1	2.3	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	0	5
17/12/2018	16:50	5.8	5.8	5.7	95	5.0	7	SSW	0.58	11	SSW	3.3	5.8	3.4	1.6	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	0	5
17/12/2018	16:55	5.8	5.8	5.8	95	5.0	7	SW	0.58	13	SSW	3.3	5.8	3.4	1.6	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	0	5
17/12/2018	17:00	5.8	5.8	5.8	95	5.1	6	SW	0.50	12	SSW	3.7	5.9	3.8	2.0	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	0	5
17/12/2018	17:05	5.9	5.9	5.8	95	5.1	7	SW	0.58	12	SSW	3.5	5.9	3.6	1.8	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	4.4	3.9	4.4	5.6	0	5
17/12/2018	17:10	5.9	5.9	5.9	95	5.2	8	SW	0.67	13	SW	3.2	6.0	3.3	1.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.1	0	5
17/12/2018	17:15	6.0	6.0	5.9	95	5.3	6	SSW	0.50	13	SSW	3.9	6.1	4.0	2.2	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.1	0	5
17/12/2018	17:20	6.1	6.1	6.0	95	5.3	6	SSW	0.50	12	SSW	4.0	6.1	4.1	2.3	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.1	0	5
17/12/2018	17:25	6.1	6.1	6.0	95	5.3	6	SSW	0.50	12	SSW	4.0	6.1	4.1	2.3	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.1	0	5
17/12/2018	17:30	6.1	6.1	6.1	95	5.3	6	SSW	0.50	16	SSW	4.0	6.1	4.1	2.3	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.1	0	5
17/12/2018	17:35	6.0	6.1	6.0	95	5.3	5	SSW	0.42	14	SSW	4.3	6.1	4.4	2.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	3.9	4.4	5.6	0	5
17/12/2018	17:40	6.0	6.1	6.0	95	5.3	5	SSW	0.42	10	S	4.3	6.1	4.4	2.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	3.9	4.4	5.6	0	5
17/12/2018	17:45	5.9	6.0	5.9	95	5.2	4	SSW	0.33	7	SW	4.7	6.0	4.7	2.9	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	5.6	0	5
17/12/2018	17:50	5.9	6.0	5.9	95	5.2	5	SSW	0.42	10	SSW	4.2	6.0	4.3	2.5	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	3.9	4.4	5.6	0	5
17/12/2018	17:55	5.9	5.9	5.9	95	5.2	6	SW	0.50	10	SW	3.8	6.0	3.9	2.1	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	3.9	4.4	5.6	0	5
17/12/2018	18:00	5.9	5.9	5.9	95	5.1	6	SW	0.50	12	SSW	3.8	5.9	3.8	2.1	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	3.9	4.4	5.6	0	5
17/12/2018	18:05	5.8	5.9	5.8	95	5.1	8	SW	0.67	13	W	3.1	5.9	3.2	1.5	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	4.4	3.9	4.4	5.6	0	5
17/12/2018	18:10	5.8	5.8	5.8	95	5.0	7	SW	0.58	13	SW	3.3	5.8	3.4	1.6	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	4.4	3.9	4.4	5.6	0	5
17/12/2018	18:15	5.8	5.8	5.8	96	5.2	7	SW	0.58	14	SSW	3.4	5.9	3.5	1.7	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	4.4	3.9	4.4	5.6	0	5
17/12/2018	18:20	5.8	5.8	5.8	96	5.2	7	SW	0.58	12	SW	3.4	5.9	3.5	1.7	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	4.4	3.9	4.4	5.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
17/12/2018	18:25	5.8	5.8	5.8	96	5.2	7	SW	0.58	13	SW	3.4	5.9	3.5	1.7	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	4.4	3.9	4.4	5.6	0	5
17/12/2018	18:30	5.8	5.8	5.8	96	5.2	7	SW	0.58	13	SW	3.3	5.8	3.4	1.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	4.4	3.9	4.4	5.6	0	5
17/12/2018	18:35	5.8	5.8	5.8	96	5.2	8	SW	0.67	15	SW	3.1	5.8	3.1	1.4	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	4.4	3.9	4.4	5.6	0	5
17/12/2018	18:40	5.8	5.8	5.8	96	5.2	7	SW	0.58	13	SSW	3.4	5.9	3.5	1.7	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	58	4.4	3.9	4.4	5.6	0	5
17/12/2018	18:45	5.9	5.9	5.8	96	5.3	7	SSW	0.58	16	SSW	3.5	5.9	3.6	1.8	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.1	0	5
17/12/2018	18:50	5.9	5.9	5.9	96	5.4	8	SSW	0.67	14	SSW	3.2	6.0	3.3	1.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.1	0	5
17/12/2018	18:55	6.0	6.1	5.9	96	5.4	7	SSW	0.58	11	S	3.6	6.1	3.7	1.9	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.1	0	5
17/12/2018	19:00	6.0	6.1	6.0	96	5.4	6	SSW	0.50	12	S	3.9	6.1	4.0	2.2	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	5.6	0	5
17/12/2018	19:05	5.9	6.0	5.9	96	5.4	5	SSW	0.42	11	S	4.2	6.0	4.3	2.5	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	3.9	4.4	5.6	0	5
17/12/2018	19:10	5.9	5.9	5.9	96	5.4	5	SSW	0.42	12	SSW	4.2	6.0	4.3	2.5	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	3.9	4.4	5.6	1	5
17/12/2018	19:15	5.9	5.9	5.9	96	5.3	4	SSW	0.33	14	SSW	4.6	5.9	4.7	2.9	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	3.9	4.4	5.6	0	5
17/12/2018	19:20	5.9	5.9	5.8	96	5.3	5	SSW	0.42	8	SSW	4.2	5.9	4.2	2.4	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	5.6	0	5
17/12/2018	19:25	5.9	5.9	5.8	96	5.3	6	SW	0.50	12	SW	3.8	5.9	3.8	2.1	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	5.6	0	5
17/12/2018	19:30	5.9	5.9	5.9	96	5.3	5	SW	0.42	11	WSW	4.2	5.9	4.2	2.4	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	5.6	0	5
17/12/2018	19:35	5.9	5.9	5.9	96	5.3	6	SSW	0.50	15	SSW	3.8	5.9	3.8	2.1	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	5.6	0	5
17/12/2018	19:40	6.0	6.0	5.9	96	5.4	7	SW	0.58	15	SSW	3.6	6.1	3.7	1.9	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.1	0	5
17/12/2018	19:45	6.1	6.1	6.0	96	5.5	8	SSW	0.67	19	SSW	3.4	6.2	3.5	1.8	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.1	0	5
17/12/2018	19:50	6.2	6.2	6.1	96	5.6	8	SSW	0.67	15	SSW	3.5	6.2	3.6	1.9	29.94	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.1	0	5
17/12/2018	19:55	6.2	6.2	6.2	96	5.6	8	SSW	0.67	16	SSW	3.6	6.3	3.7	2.0	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.1	0	5
17/12/2018	20:00	6.2	6.2	6.2	96	5.6	10	SSW	0.83	20	SSW	2.9	6.3	3.1	1.5	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.1	0	5
17/12/2018	20:05	6.3	6.3	6.2	96	5.7	9	SSW	0.75	15	SSW	3.4	6.4	3.5	1.9	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.1	0	5
17/12/2018	20:10	6.3	6.3	6.3	97	5.9	8	SSW	0.67	16	SSW	3.7	6.4	3.8	2.2	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.1	0	5
17/12/2018	20:15	6.3	6.3	6.3	97	5.9	9	SSW	0.75	14	SSW	3.4	6.4	3.5	1.9	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.1	0	5
17/12/2018	20:20	6.3	6.4	6.3	97	5.9	7	SSW	0.58	16	SW	4.1	6.4	4.2	2.4	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.1	0	5
17/12/2018	20:25	6.4	6.4	6.3	97	5.9	10	SW	0.83	19	SW	3.2	6.5	3.3	1.7	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.1	0	5
17/12/2018	20:30	6.4	6.4	6.4	97	6.0	10	SSW	0.83	24	SSW	3.2	6.6	3.3	1.8	29.93	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.7	0	5
17/12/2018	20:35	6.6	6.6	6.4	97	6.1	11	SSW	0.92	22	SSW	3.1	6.7	3.3	1.8	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.6	4.4	6.7	0	5
17/12/2018	20:40	6.7	6.7	6.6	97	6.2	11	SSW	0.92	19	SSW	3.2	6.8	3.4	1.9	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.6	4.4	6.7	0	5
17/12/2018	20:45	6.7	6.7	6.7	97	6.2	11	SSW	0.92	16	SSW	3.2	6.8	3.4	1.9	29.91	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.6	4.4	6.7	0	5
17/12/2018	20:50	6.7	6.7	6.7	97	6.2	11	SSW	0.92	18	SSW	3.2	6.8	3.4	1.9	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	4.4	6.7	0	5
17/12/2018	20:55	6.7	6.7	6.7	96	6.1	11	SSW	0.92	17	SSW	3.2	6.8	3.3	1.8	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.6	4.4	6.7	0	5
17/12/2018	21:00	6.7	6.7	6.7	96	6.1	9	SSW	0.75	17	SSW	3.8	6.8	3.9	2.3	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	6.7	0	5
17/12/2018	21:05	6.6	6.7	6.6	96	6.0	10	SSW	0.83	18	SSW	3.4	6.7	3.6	2.0	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.0	4.4	6.7	0	5
17/12/2018	21:10	6.6	6.7	6.6	96	6.0	11	SW	0.92	18	SSW	3.2	6.7	3.3	1.8	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	6.7	0	5
17/12/2018	21:15	6.7	6.7	6.6	97	6.2	11	SW	0.92	23	SSW	3.2	6.8	3.4	1.9	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	6.7	0	5
17/12/2018	21:20	6.8	6.8	6.7	97	6.3	12	SSW	1.00	23	SSW	3.1	6.9	3.3	1.9	29.92	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	6.7	0	5
17/12/2018	21:25	6.8	6.8	6.7	97	6.4	11	SW	0.92	22	SSW	3.4	7.0	3.6	2.2	29.91	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	6.7	0	5
17/12/2018	21:30	6.9	6.9	6.8	97	6.4	9	SSW	0.75	17	SSW	4.1	7.1	4.2	2.7	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	6.7	0	5
17/12/2018	21:35	6.9	6.9	6.8	97	6.4	9	SSW	0.75	16	SSW	4.1	7.1	4.2	2.7	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	6.7	0	5
17/12/2018	21:40	6.9	6.9	6.9	97	6.5	9	SSW	0.75	17	SSW	4.1	7.1	4.3	2.7	29.90	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	7.2	0	5
17/12/2018	21:45	7.1	7.1	6.9	97	6.6	9	SSW	0.75	21	SSW	4.2	7.2	4.4	2.8	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	7.2	0	5
17/12/2018	21:50	7.1	7.1	7.0	97	6.6	9	SSW	0.75	14	S	4.2	7.2	4.4	2.8	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	7.2	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
17/12/2018	21:55	7.1	7.1	7.1	97	6.6	8	SSW	0.67	19	SSW	4.6	7.2	4.7	3.1	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	7.2	0	5
17/12/2018	22:00	7.1	7.1	7.1	97	6.7	10	SW	0.83	21	S	4.1	7.3	4.2	2.7	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	4.4	7.2	0	5
17/12/2018	22:05	7.2	7.2	7.1	97	6.7	10	SW	0.83	21	SSW	4.1	7.3	4.3	2.8	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	6.1	4.4	7.2	0	5
17/12/2018	22:10	7.2	7.2	7.2	97	6.8	11	SSW	0.92	20	SSW	3.9	7.4	4.1	2.6	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	6.1	4.4	7.2	0	5
17/12/2018	22:15	7.3	7.3	7.2	97	6.8	9	SSW	0.75	16	SSW	4.5	7.4	4.7	3.1	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	4.4	6.1	4.4	7.2	0	5
17/12/2018	22:20	7.3	7.3	7.2	97	6.8	8	SSW	0.67	17	SSW	4.8	7.4	5.0	3.4	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	4.4	6.1	4.4	7.2	0	5
17/12/2018	22:25	7.2	7.3	7.2	97	6.8	9	SSW	0.75	18	SSE	4.4	7.4	4.6	3.1	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	4.4	5.6	4.4	7.2	0	5
17/12/2018	22:30	7.3	7.3	7.2	97	6.8	9	SW	0.75	15	SW	4.5	7.4	4.7	3.1	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	4.4	5.6	4.4	7.2	0	5
17/12/2018	22:35	7.3	7.3	7.2	97	6.8	8	SW	0.67	16	SSW	4.8	7.4	5.0	3.4	29.89	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	4.4	6.1	4.4	7.2	0	5
17/12/2018	22:40	7.3	7.3	7.3	97	6.9	7	SSW	0.58	15	SSW	5.2	7.5	5.4	3.7	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	4.4	6.1	4.4	7.2	0	5
17/12/2018	22:45	7.4	7.4	7.3	97	6.9	8	SW	0.67	18	SSW	5.0	7.6	5.2	3.6	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.0	6.1	4.4	7.2	0	5
17/12/2018	22:50	7.4	7.4	7.4	97	6.9	7	SW	0.58	16	SSW	5.3	7.6	5.5	3.8	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.0	6.1	4.4	7.8	0	5
17/12/2018	22:55	7.4	7.4	7.4	97	7.0	8	SW	0.67	16	SW	5.1	7.6	5.2	3.6	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.0	6.1	4.4	7.8	0	5
17/12/2018	23:00	7.5	7.6	7.4	97	7.1	9	SW	0.75	16	SSW	4.8	7.7	4.9	3.4	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.0	6.1	4.4	7.8	0	5
17/12/2018	23:05	7.6	7.6	7.6	97	7.2	11	SW	0.92	27	SSW	4.3	7.8	4.5	3.1	29.88	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.0	6.1	4.4	7.8	0	5
17/12/2018	23:10	7.7	7.7	7.6	97	7.2	12	SW	1.00	24	SSW	4.2	7.8	4.3	2.9	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.0	6.1	4.4	7.8	0	5
17/12/2018	23:15	7.8	7.8	7.7	97	7.3	13	SSW	1.08	24	SSW	4.1	7.9	4.2	2.9	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.0	6.1	4.4	7.8	0	5
17/12/2018	23:20	7.8	7.8	7.8	97	7.4	10	SW	0.83	19	SSW	4.8	8.0	5.0	3.6	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.0	6.7	4.4	7.8	0	5
17/12/2018	23:25	7.9	7.9	7.8	97	7.4	10	SW	0.83	21	SSW	4.9	8.1	5.1	3.6	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	7.8	0	5
17/12/2018	23:30	7.9	7.9	7.8	97	7.4	12	SW	1.00	23	SSW	4.4	8.1	4.6	3.2	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	7.8	0	5
17/12/2018	23:35	7.9	7.9	7.9	97	7.4	10	SW	0.83	23	SW	4.9	8.1	5.1	3.6	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	7.8	0	5
17/12/2018	23:40	7.9	7.9	7.9	97	7.5	12	SW	1.00	22	SW	4.5	8.2	4.7	3.3	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	7.8	0	5
17/12/2018	23:45	8.0	8.0	7.9	97	7.6	11	SSW	0.92	19	SSW	4.8	8.2	5.0	3.6	29.87	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	7.8	0	5
17/12/2018	23:50	8.0	8.0	8.0	97	7.6	12	SSW	1.00	21	S	4.6	8.2	4.8	3.4	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	8.3	0	5
17/12/2018	23:55	8.1	8.1	8.0	97	7.6	10	SSW	0.83	20	SSW	5.1	8.3	5.3	3.9	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	7.8	0	5
18/12/2018	00:00	8.1	8.1	8.1	97	7.6	12	SSW	1.00	26	SSW	4.6	8.3	4.8	3.4	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	7.8	0	5
18/12/2018	00:05	8.1	8.1	8.1	97	7.6	11	SSW	0.92	21	SSW	4.9	8.3	5.1	3.7	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	7.8	0	5
18/12/2018	00:10	8.1	8.1	8.1	97	7.6	12	SW	1.00	28	SSW	4.6	8.3	4.8	3.4	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	8.3	0	5
18/12/2018	00:15	8.1	8.1	8.1	97	7.7	13	SSW	1.08	26	SSW	4.4	8.3	4.7	3.3	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	8.3	0	5
18/12/2018	00:20	8.2	8.2	8.1	97	7.7	10	SW	0.83	18	SW	5.2	8.4	5.4	4.0	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	8.3	0	5
18/12/2018	00:25	8.2	8.2	8.2	97	7.8	13	SW	1.08	23	SW	4.6	8.4	4.8	3.5	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	8.3	0	5
18/12/2018	00:30	8.3	8.3	8.2	97	7.8	12	SW	1.00	26	SSW	4.9	8.5	5.1	3.7	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	4.4	8.3	0	5
18/12/2018	00:35	8.3	8.3	8.3	96	7.7	13	SSW	1.08	25	SSW	4.7	8.4	4.8	3.5	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
18/12/2018	00:40	8.3	8.3	8.3	96	7.7	11	SSW	0.92	21	WSW	5.2	8.5	5.3	3.9	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
18/12/2018	00:45	8.4	8.4	8.3	96	7.8	10	SW	0.83	19	WSW	5.5	8.6	5.7	4.2	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
18/12/2018	00:50	8.4	8.4	8.3	96	7.8	10	SW	0.83	20	WSW	5.5	8.6	5.7	4.2	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	7.2	5.0	8.3	0	5
18/12/2018	00:55	8.4	8.4	8.4	96	7.8	11	SW	0.92	18	SSW	5.3	8.7	5.5	4.1	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
18/12/2018	01:00	8.4	8.4	8.4	96	7.8	11	SW	0.92	20	SW	5.3	8.7	5.5	4.1	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	7.2	5.0	8.9	0	5
18/12/2018	01:05	8.5	8.5	8.4	96	7.9	10	SW	0.83	17	SSW	5.7	8.7	5.9	4.4	29.86	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.9	0	5
18/12/2018	01:10	8.6	8.6	8.5	96	8.0	12	SW	1.00	22	SSW	5.2	8.8	5.4	4.0	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	7.2	5.0	8.9	0	5
18/12/2018	01:15	8.6	8.6	8.6	96	8.0	11	SW	0.92	26	SSW	5.5	8.8	5.7	4.3	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.9	0	5
18/12/2018	01:20	8.6	8.6	8.6	96	8.0	13	SW	1.08	28	SSW	5.1	8.8	5.3	3.9	29.85	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	7.2	5.0	8.9	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
18/12/2018	01:25	8.7	8.7	8.6	96	8.1	11	SW	0.92	23	SSW	5.6	8.9	5.8	4.4	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.9	0	5
18/12/2018	01:30	8.7	8.7	8.7	96	8.1	11	SW	0.92	25	SSW	5.6	8.9	5.8	4.4	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
18/12/2018	01:35	8.7	8.7	8.7	96	8.1	12	SSW	1.00	24	SSW	5.3	8.9	5.6	4.2	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
18/12/2018	01:40	8.7	8.7	8.7	96	8.1	12	SW	1.00	20	SSW	5.3	8.9	5.6	4.2	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
18/12/2018	01:45	8.7	8.7	8.7	95	7.9	10	SW	0.83	20	SW	5.8	8.9	6.1	4.6	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
18/12/2018	01:50	8.6	8.7	8.6	95	7.9	10	SW	0.83	16	S	5.8	8.8	5.9	4.5	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
18/12/2018	01:55	8.6	8.6	8.6	95	7.9	11	SSW	0.92	22	SSW	5.5	8.8	5.7	4.3	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
18/12/2018	02:00	8.6	8.6	8.6	95	7.9	9	SSW	0.75	17	SSW	6.1	8.8	6.2	4.7	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
18/12/2018	02:05	8.6	8.7	8.6	95	7.9	11	SSW	0.92	18	SSW	5.5	8.8	5.7	4.3	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.9	0	5
18/12/2018	02:10	8.7	8.7	8.6	95	7.9	11	SSW	0.92	22	SSW	5.6	8.9	5.8	4.4	29.84	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	7.2	5.0	8.9	0	5
18/12/2018	02:15	8.7	8.7	8.7	95	8.0	9	SSW	0.75	19	SSW	6.2	8.9	6.4	4.9	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	7.2	5.0	8.9	0	5
18/12/2018	02:20	8.8	8.8	8.7	95	8.0	10	SSW	0.83	21	SSW	6.0	9.0	6.2	4.8	29.83	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	02:25	8.7	8.8	8.7	95	8.0	10	SSW	0.83	19	SSW	5.9	8.9	6.1	4.7	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	02:30	8.7	8.8	8.7	95	8.0	9	SSW	0.75	17	SSW	6.2	8.9	6.4	4.9	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	02:35	8.7	8.7	8.7	95	8.0	11	SSW	0.92	21	SSW	5.6	8.9	5.8	4.4	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	02:40	8.7	8.7	8.7	95	8.0	9	SSW	0.75	19	S	6.2	8.9	6.4	4.9	29.82	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
18/12/2018	02:45	8.7	8.7	8.7	95	7.9	10	SSW	0.83	18	S	5.8	8.9	6.1	4.6	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.3	0	5
18/12/2018	02:50	8.7	8.7	8.7	95	7.9	12	SSW	1.00	24	SSW	5.3	8.9	5.6	4.2	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
18/12/2018	02:55	8.7	8.7	8.6	95	7.9	11	SSW	0.92	19	SSW	5.6	8.9	5.8	4.4	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
18/12/2018	03:00	8.6	8.7	8.6	95	7.9	8	SW	0.67	16	SW	6.4	8.8	6.6	5.0	29.81	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
18/12/2018	03:05	8.6	8.6	8.6	95	7.9	11	SSW	0.92	21	SSW	5.5	8.8	5.7	4.3	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
18/12/2018	03:10	8.6	8.6	8.6	95	7.9	11	SSW	0.92	19	SSW	5.5	8.8	5.7	4.3	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
18/12/2018	03:15	8.6	8.6	8.6	95	7.9	10	SSW	0.83	22	SSW	5.8	8.8	5.9	4.5	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.3	0	5
18/12/2018	03:20	8.6	8.6	8.6	95	7.8	10	SSW	0.83	20	S	5.7	8.7	5.9	4.4	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.3	0	5
18/12/2018	03:25	8.6	8.6	8.6	95	7.8	9	SSW	0.75	19	SSW	6.0	8.7	6.2	4.7	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.3	0	5
18/12/2018	03:30	8.6	8.6	8.6	95	7.9	11	SSW	0.92	21	SSW	5.5	8.8	5.7	4.3	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	03:35	8.6	8.6	8.6	95	7.9	10	SSW	0.83	22	S	5.8	8.8	5.9	4.5	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	03:40	8.6	8.6	8.6	94	7.7	8	SSW	0.67	16	S	6.4	8.8	6.6	5.0	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	03:45	8.6	8.6	8.6	94	7.7	9	SSW	0.75	20	SSW	6.1	8.8	6.2	4.7	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	03:50	8.6	8.7	8.6	94	7.7	11	SSW	0.92	19	SSW	5.5	8.8	5.7	4.3	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	03:55	8.7	8.7	8.6	94	7.8	11	SSW	0.92	23	WSW	5.6	8.8	5.7	4.3	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:00	8.7	8.7	8.7	94	7.8	11	SSW	0.92	22	SSW	5.6	8.9	5.8	4.4	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:05	8.7	8.7	8.7	94	7.8	12	SSW	1.00	23	SSW	5.4	8.9	5.6	4.2	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:10	8.7	8.8	8.7	94	7.8	12	SSW	1.00	25	SSW	5.4	8.9	5.6	4.2	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:15	8.7	8.8	8.7	94	7.8	12	SSW	1.00	29	SSW	5.4	8.9	5.6	4.2	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:20	8.7	8.8	8.7	94	7.8	12	SSW	1.00	23	SSW	5.4	8.9	5.6	4.2	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:25	8.8	8.8	8.7	94	7.9	11	SSW	0.92	25	SSW	5.7	8.9	5.9	4.5	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:30	8.8	8.8	8.7	94	7.9	11	SSW	0.92	21	SSW	5.7	8.9	5.9	4.5	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:35	8.8	8.8	8.7	94	7.9	10	SSW	0.83	24	SSW	6.0	8.9	6.2	4.7	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:40	8.7	8.8	8.7	94	7.8	12	SSW	1.00	22	SSW	5.4	8.9	5.6	4.2	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:45	8.8	8.8	8.7	94	7.9	12	SSW	1.00	23	SSW	5.4	8.9	5.6	4.2	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	04:50	8.7	8.8	8.7	94	7.8	13	SSW	1.08	26	SSW	5.2	8.9	5.3	4.0	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
18/12/2018	04:55	8.7	8.8	8.7	94	7.8	11	SSW	0.92	24	SSW	5.6	8.9	5.8	4.4	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	05:00	8.7	8.8	8.7	94	7.8	13	SSW	1.08	26	SSW	5.2	8.9	5.3	4.0	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	05:05	8.8	8.8	8.7	94	7.9	11	SSW	0.92	24	SSW	5.7	8.9	5.9	4.5	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	05:10	8.8	8.8	8.7	94	7.9	11	SSW	0.92	25	SSW	5.7	8.9	5.9	4.5	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	05:15	8.8	8.8	8.8	94	7.9	13	SSW	1.08	23	SSW	5.2	8.9	5.4	4.1	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	05:20	8.8	8.8	8.8	94	7.9	12	SW	1.00	22	SSW	5.4	8.9	5.6	4.2	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	05:25	8.8	8.8	8.8	94	7.9	11	SSW	0.92	23	SSW	5.7	8.9	5.9	4.5	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	05:30	8.8	8.8	8.8	94	7.9	12	SW	1.00	28	SSW	5.5	9.1	5.7	4.3	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.6	7.2	5.0	8.9	0	5
18/12/2018	05:35	8.9	8.9	8.8	94	8.0	13	SW	1.08	29	SSW	5.3	9.1	5.6	4.2	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	05:40	8.9	8.9	8.9	94	8.0	10	SW	0.83	19	SSW	6.1	9.1	6.3	4.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	05:45	8.9	8.9	8.9	94	8.0	13	SSW	1.08	27	SSW	5.4	9.2	5.6	4.3	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	05:50	8.9	8.9	8.9	94	8.0	12	SSW	1.00	21	SSW	5.6	9.2	5.8	4.4	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	05:55	8.9	9.0	8.9	94	8.0	9	SW	0.75	19	SW	6.4	9.2	6.7	5.2	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:00	8.9	9.0	8.9	94	8.0	12	SSW	1.00	27	SSW	5.6	9.2	5.8	4.4	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:05	9.0	9.0	8.9	94	8.1	11	SSW	0.92	19	SSW	5.9	9.2	6.2	4.8	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:10	9.0	9.0	8.9	93	7.9	11	SSW	0.92	22	SSW	5.9	9.2	6.1	4.7	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:15	9.0	9.0	9.0	93	7.9	13	SSW	1.08	24	SSW	5.4	9.2	5.6	4.3	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:20	9.0	9.0	8.9	93	7.9	12	SSW	1.00	25	WSW	5.7	9.2	5.8	4.4	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:25	9.0	9.0	8.9	93	7.9	10	SSW	0.83	17	SSW	6.2	9.2	6.4	4.9	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:30	8.9	9.0	8.9	93	7.9	10	SSW	0.83	18	SSW	6.2	9.1	6.3	4.9	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:35	9.0	9.0	8.9	93	7.9	12	SSW	1.00	27	SSW	5.7	9.2	5.8	4.4	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:40	9.0	9.0	8.9	93	7.9	10	SW	0.83	18	S	6.2	9.2	6.4	4.9	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:45	9.0	9.0	8.9	93	7.9	11	SSW	0.92	22	SSE	5.9	9.2	6.1	4.7	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:50	8.9	9.0	8.9	93	7.9	12	SSW	1.00	22	SSW	5.6	9.1	5.8	4.4	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	06:55	9.0	9.0	8.9	93	7.9	12	SSW	1.00	20	SSW	5.7	9.2	5.8	4.4	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	5.6	7.8	5.0	8.9	0	5
18/12/2018	07:00	9.0	9.0	9.0	93	7.9	13	SW	1.08	27	SSW	5.4	9.2	5.6	4.3	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	54	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:05	9.1	9.1	9.0	93	8.0	14	SSW	1.17	27	SSW	5.3	9.2	5.5	4.2	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:10	9.1	9.1	9.0	93	8.0	14	SSW	1.17	27	SSW	5.3	9.2	5.5	4.2	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:15	9.1	9.1	9.1	92	7.8	13	S	1.08	22	SSW	5.5	9.2	5.7	4.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:20	9.1	9.1	9.1	92	7.8	12	SSW	1.00	23	SSW	5.8	9.2	5.9	4.6	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:25	9.1	9.1	9.1	92	7.8	11	SSW	0.92	20	SSW	6.0	9.2	6.2	4.8	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:30	9.1	9.1	9.1	92	7.8	9	SSW	0.75	24	SSW	6.6	9.2	6.8	5.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:35	9.1	9.1	9.1	92	7.8	14	SSW	1.17	28	SSW	5.3	9.2	5.5	4.2	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:40	9.1	9.1	9.1	92	7.8	13	SSW	1.08	26	SSW	5.5	9.2	5.7	4.3	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:45	9.1	9.1	9.1	92	7.9	12	SSW	1.00	26	WSW	5.8	9.3	6.0	4.6	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	0	5
18/12/2018	07:50	9.1	9.2	9.1	92	7.9	13	SSW	1.08	32	SSW	5.6	9.3	5.7	4.4	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	9.4	0	5
18/12/2018	07:55	9.2	9.2	9.1	92	7.9	13	SSW	1.08	27	SSW	5.7	9.3	5.8	4.5	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	9.4	0	5
18/12/2018	08:00	9.2	9.2	9.2	92	8.0	14	SSW	1.17	30	SSW	5.5	9.4	5.7	4.4	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	53	6.1	7.8	5.0	9.4	0	5
18/12/2018	08:05	9.3	9.3	9.2	92	8.0	16	SSW	1.33	35	SSW	5.2	9.5	5.4	4.2	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	9.4	0	5
18/12/2018	08:10	9.3	9.3	9.3	92	8.1	12	SW	1.00	23	SSW	6.1	9.6	6.3	4.9	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	9.4	0	5
18/12/2018	08:15	9.4	9.4	9.3	91	8.0	12	SSW	1.00	25	SSW	6.2	9.6	6.3	4.9	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	10	5
18/12/2018	08:20	9.4	9.4	9.4	91	8.0	14	SSW	1.17	31	SSW	5.7	9.6	5.9	4.6	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	4	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
18/12/2018	08:25	9.4	9.4	9.4	91	8.0	12	SSW	1.00	23	SW	6.2	9.6	6.3	4.9	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	1	5
18/12/2018	08:30	9.3	9.4	9.3	91	7.9	12	SSW	1.00	24	SSW	6.1	9.5	6.3	4.9	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	3	5
18/12/2018	08:35	9.3	9.3	9.3	91	7.9	11	SSW	0.92	20	SSE	6.3	9.5	6.5	5.1	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	11	5
18/12/2018	08:40	9.3	9.3	9.3	91	7.9	13	SSW	1.08	24	SSW	5.8	9.5	6.0	4.7	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	7	5
18/12/2018	08:45	9.3	9.3	9.3	91	7.9	14	SW	1.17	29	SSW	5.7	9.5	5.8	4.6	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	8.9	4	5
18/12/2018	08:50	9.3	9.3	9.3	91	7.9	11	SSW	0.92	23	SSW	6.3	9.4	6.4	5.1	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.0	8.9	1	5
18/12/2018	08:55	9.3	9.3	9.3	91	7.9	10	SSW	0.83	24	SSW	6.6	9.4	6.7	5.3	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	9.4	0	5
18/12/2018	09:00	9.3	9.3	9.3	91	7.9	11	SSW	0.92	21	SSW	6.3	9.4	6.4	5.1	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	53	6.1	7.2	5.0	9.4	0	5
18/12/2018	09:05	9.3	9.3	9.3	91	7.9	13	SSW	1.08	29	SSW	5.8	9.4	5.9	4.6	29.66	0.0	0.0	1	0.01	5	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.0	9.4	0	5
18/12/2018	09:10	9.3	9.3	9.2	91	7.9	14	SSW	1.17	26	SSW	5.6	9.4	5.7	4.5	29.66	0.0	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	9.4	0	5
18/12/2018	09:15	9.3	9.3	9.3	90	7.7	13	SSW	1.08	26	SSW	5.8	9.4	5.9	4.7	29.66	0.0	0.0	10	0.07	11	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	9.4	0	5
18/12/2018	09:20	9.3	9.3	9.3	90	7.7	13	SSW	1.08	27	SSW	5.8	9.4	5.9	4.7	29.66	0.0	0.0	9	0.06	11	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.0	9.4	0	5
18/12/2018	09:25	9.3	9.3	9.3	90	7.7	14	SSW	1.17	32	SSW	5.6	9.4	5.7	4.5	29.65	0.0	0.0	10	0.07	11	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
18/12/2018	09:30	9.3	9.3	9.3	90	7.7	12	SSW	1.00	23	SSW	6.0	9.4	6.2	4.8	29.66	0.0	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
18/12/2018	09:35	9.3	9.3	9.3	89	7.6	11	SW	0.92	28	SSW	6.3	9.4	6.4	5.0	29.66	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
18/12/2018	09:40	9.3	9.3	9.3	89	7.6	14	SSW	1.17	27	SSW	5.6	9.4	5.7	4.4	29.66	0.0	0.0	9	0.06	11	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
18/12/2018	09:45	9.3	9.3	9.3	89	7.6	12	SSW	1.00	26	SSE	6.1	9.4	6.2	5.0	29.66	0.0	0.0	13	0.09	16	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
18/12/2018	09:50	9.3	9.3	9.3	89	7.6	14	SW	1.17	30	SSW	5.7	9.4	5.8	4.6	29.65	0.0	0.0	15	0.11	16	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
18/12/2018	09:55	9.3	9.3	9.3	89	7.6	15	SSW	1.25	30	SSW	5.5	9.4	5.6	4.5	29.65	0.2	0.0	15	0.11	18	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
18/12/2018	10:00	9.3	9.3	9.3	89	7.6	13	SW	1.08	28	SSW	5.8	9.4	5.9	4.8	29.65	0.0	0.0	18	0.13	21	0	0.00	0.00	0.03	0.00	0.03	53	6.1	7.8	5.6	9.4	0	5
18/12/2018	10:05	9.3	9.4	9.3	89	7.6	13	SW	1.08	31	SW	5.8	9.4	5.9	5.4	29.64	0.0	0.0	25	0.18	28	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
18/12/2018	10:10	9.3	9.4	9.3	89	7.6	12	SW	1.00	27	SSW	6.1	9.4	6.2	5.7	29.64	0.0	0.0	26	0.19	26	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	8.9	2	5
18/12/2018	10:15	9.3	9.3	9.3	89	7.6	12	SSW	1.00	25	SSW	6.1	9.4	6.2	5.8	29.64	0.0	0.0	27	0.19	28	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	8.9	3	5
18/12/2018	10:20	9.3	9.3	9.3	89	7.6	12	SW	1.00	23	SSW	6.0	9.4	6.1	5.7	29.64	0.0	0.0	31	0.22	32	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	8.9	2	5
18/12/2018	10:25	9.3	9.3	9.3	89	7.6	15	SW	1.25	27	SW	5.4	9.4	5.5	5.2	29.64	0.0	0.0	32	0.23	33	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	8.9	1	5
18/12/2018	10:30	9.2	9.3	9.2	89	7.5	15	SW	1.25	28	SSW	5.3	9.3	5.4	5.1	29.64	0.0	0.0	32	0.23	32	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	1	5
18/12/2018	10:35	9.2	9.2	9.2	89	7.5	13	SSW	1.08	26	SSW	5.7	9.3	5.8	5.4	29.64	0.0	0.0	29	0.21	30	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	8.9	1	5
18/12/2018	10:40	9.2	9.2	9.2	88	7.3	13	SSW	1.08	33	SSW	5.7	9.3	5.8	5.2	29.64	0.0	0.0	26	0.19	28	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	8.9	3	5
18/12/2018	10:45	9.2	9.2	9.2	89	7.4	12	SSW	1.00	22	SSW	5.9	9.3	6.0	5.4	29.64	0.0	0.0	24	0.17	26	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.3	11	5
18/12/2018	10:50	9.1	9.2	9.1	89	7.4	14	SW	1.17	27	SSW	5.4	9.2	5.5	4.9	29.63	0.0	0.0	24	0.17	25	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.3	15	5
18/12/2018	10:55	9.1	9.1	9.1	89	7.3	13	SSW	1.08	27	SW	5.5	9.2	5.6	5.1	29.63	0.0	0.0	25	0.18	28	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	7.8	15	5
18/12/2018	11:00	8.9	9.1	8.9	89	7.2	13	SW	1.08	30	SSW	5.4	9.1	5.5	4.9	29.63	0.0	0.0	22	0.16	25	0	0.00	0.00	0.03	0.00	0.03	53	6.1	7.2	5.6	7.8	15	5
18/12/2018	11:05	8.8	8.9	8.8	90	7.3	14	SW	1.17	27	SSW	5.1	8.9	5.2	4.5	29.63	0.0	0.0	20	0.14	21	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	7.8	15	5
18/12/2018	11:10	8.7	8.8	8.7	90	7.2	14	SSW	1.17	32	SSW	4.9	8.8	5.1	4.4	29.62	0.0	0.0	22	0.16	25	0	0.00	0.00	0.03	0.00	0.00	52	6.1	7.2	5.6	7.2	15	5
18/12/2018	11:15	8.7	8.7	8.6	91	7.3	12	SSW	1.00	24	SSW	5.3	8.8	5.4	5.1	29.62	0.0	0.0	34	0.24	39	0	0.00	0.00	0.03	0.00	0.00	52	6.1	7.2	5.6	7.2	15	5
18/12/2018	11:20	8.6	8.7	8.6	91	7.2	13	SSW	1.08	29	S	4.9	8.7	5.1	4.4	29.62	0.0	0.0	20	0.14	25	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	11:25	8.4	8.6	8.4	91	7.1	12	SSW	1.00	21	SSW	5.1	8.6	5.2	4.6	29.62	0.2	0.0	24	0.17	26	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	11:30	8.4	8.4	8.4	91	7.0	10	SSW	0.83	25	S	5.5	8.5	5.6	5.0	29.61	0.0	0.0	28	0.20	30	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	11:35	8.3	8.4	8.3	91	6.9	11	SSW	0.92	26	SSW	5.2	8.4	5.3	4.8	29.61	0.0	0.0	31	0.22	37	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	11:40	8.3	8.3	8.3	91	6.9	13	SSW	1.08	26	SSW	4.7	8.4	4.8	4.2	29.61	0.0	0.0	24	0.17	25	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	11:45	8.3	8.3	8.3	91	6.9	11	SSW	0.92	23	SW	5.1	8.4	5.2	4.4	29.61	0.0	0.0	20	0.14	23	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	11:50	8.3	8.3	8.3	91	6.9	14	SSW	1.17	25	SSW	4.4	8.4	4.6	3.9	29.60	0.0	0.0	21	0.15	23	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
18/12/2018	11:55	8.2	8.3	8.2	92	6.9	13	SW	1.08	26	WSW	4.5	8.3	4.6	3.8	29.60	0.0	0.0	18	0.13	21	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	12:00	8.2	8.2	8.2	92	6.9	13	SSW	1.08	29	SSW	4.5	8.3	4.6	3.9	29.60	0.2	0.0	22	0.16	25	0	0.00	0.00	0.04	0.00	0.03	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	12:05	8.1	8.2	8.1	92	6.9	11	SSW	0.92	24	SSW	4.9	8.2	5.1	4.6	29.59	0.0	0.0	29	0.21	32	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	12:10	8.1	8.1	8.1	92	6.8	13	SSW	1.08	27	SSW	4.4	8.2	4.5	4.0	29.59	0.0	0.0	30	0.22	32	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	12:15	8.1	8.1	8.1	92	6.8	12	SSW	1.00	23	SSW	4.6	8.2	4.7	4.5	29.59	0.0	0.0	41	0.29	46	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.2	15	5
18/12/2018	12:20	8.1	8.1	8.1	92	6.9	11	SSW	0.92	23	S	4.9	8.2	5.1	4.7	29.59	0.0	0.0	38	0.27	42	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	7.8	15	5
18/12/2018	12:25	8.1	8.1	8.1	92	6.9	11	SSW	0.92	21	SSW	4.9	8.2	5.1	4.6	29.59	0.0	0.0	30	0.22	32	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.8	15	5
18/12/2018	12:30	8.1	8.1	8.1	91	6.7	13	SSW	1.08	23	S	4.4	8.2	4.6	4.0	29.58	0.0	0.0	26	0.19	26	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.8	15	5
18/12/2018	12:35	8.1	8.2	8.1	91	6.7	11	SSW	0.92	19	SSW	4.9	8.2	5.1	4.4	29.59	0.0	0.0	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.8	15	5
18/12/2018	12:40	8.2	8.2	8.1	91	6.8	13	SSW	1.08	28	SSW	4.5	8.3	4.6	3.9	29.58	0.0	0.0	21	0.15	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.8	15	5
18/12/2018	12:45	8.2	8.2	8.2	91	6.8	14	SSW	1.17	28	SW	4.3	8.3	4.4	3.8	29.58	0.0	0.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.2	15	5
18/12/2018	12:50	8.2	8.2	8.2	91	6.8	11	SW	0.92	28	SSW	5.0	8.3	5.1	4.3	29.58	0.0	0.0	18	0.13	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.2	15	5
18/12/2018	12:55	8.1	8.2	8.1	91	6.7	13	SSW	1.08	32	WSW	4.4	8.2	4.6	3.8	29.57	0.2	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:00	8.1	8.1	8.1	91	6.7	13	SW	1.08	30	SSW	4.4	8.2	4.6	3.8	29.57	0.0	0.0	15	0.11	18	0	0.00	0.00	0.04	0.00	0.03	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:05	8.0	8.1	8.0	91	6.6	12	SSW	1.00	26	SSW	4.6	8.1	4.7	3.9	29.57	0.2	1.4	17	0.12	19	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:10	7.9	8.0	7.9	91	6.6	13	SSW	1.08	25	SSW	4.3	8.1	4.4	3.6	29.57	0.0	1.2	16	0.11	16	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:15	7.9	7.9	7.9	92	6.7	11	SW	0.92	24	SSW	4.7	8.0	4.8	3.9	29.57	0.2	1.2	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:20	7.8	7.9	7.8	92	6.6	12	SW	1.00	24	SW	4.3	7.9	4.4	3.7	29.57	0.0	1.0	17	0.12	19	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:25	7.8	7.8	7.8	92	6.6	9	SSW	0.75	17	S	5.1	7.9	5.2	4.4	29.56	0.0	1.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:30	7.7	7.8	7.7	92	6.5	12	SW	1.00	26	S	4.2	7.8	4.3	3.7	29.56	0.2	1.0	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:35	7.7	7.7	7.7	92	6.5	10	SSW	0.83	21	SSW	4.7	7.8	4.8	4.2	29.55	0.0	1.0	25	0.18	25	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:40	7.7	7.7	7.7	93	6.6	11	SSW	0.92	22	SSW	4.4	7.8	4.6	3.9	29.55	0.0	0.8	25	0.18	26	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:45	7.7	7.7	7.7	93	6.6	9	SSW	0.75	20	SW	5.0	7.8	5.1	4.5	29.55	0.0	0.0	26	0.19	26	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:50	7.7	7.7	7.7	93	6.6	11	SSW	0.92	20	SW	4.4	7.8	4.6	4.1	29.54	0.2	0.0	32	0.23	33	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	13:55	7.7	7.7	7.6	93	6.6	14	SSW	1.17	27	S	3.8	7.8	3.9	3.5	29.53	0.0	0.0	31	0.22	33	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	14:00	7.6	7.7	7.6	93	6.6	11	SSW	0.92	20	SSW	4.3	7.7	4.4	3.9	29.54	0.0	0.0	26	0.19	30	0	0.00	0.00	0.04	0.00	0.03	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	14:05	7.6	7.6	7.6	93	6.6	9	SSW	0.75	18	SSW	4.9	7.7	5.0	4.2	29.53	0.0	0.0	21	0.15	21	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	14:10	7.6	7.6	7.6	93	6.6	11	SSW	0.92	20	SSW	4.3	7.7	4.4	3.8	29.54	0.2	0.0	23	0.16	23	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	14:15	7.6	7.6	7.6	93	6.6	14	SSW	1.17	24	SSW	3.7	7.7	3.8	3.1	29.53	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	14:20	7.6	7.6	7.6	93	6.5	13	SSW	1.08	30	SSW	3.8	7.7	3.9	3.2	29.52	0.0	0.0	18	0.13	19	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	14:25	7.6	7.6	7.6	93	6.5	13	SSW	1.08	26	SSW	3.8	7.7	3.9	3.3	29.53	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	14:30	7.6	7.6	7.6	94	6.7	12	SSW	1.00	24	SSW	4.1	7.7	4.2	3.0	29.52	0.2	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	14:35	7.5	7.6	7.5	94	6.6	12	SSW	1.00	31	SE	4.0	7.6	4.1	2.9	29.53	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	5.6	6.7	15	5
18/12/2018	14:40	7.5	7.6	7.5	94	6.6	11	SSW	0.92	19	SW	4.2	7.6	4.3	3.1	29.52	0.2	1.2	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	14:45	7.5	7.5	7.4	94	6.6	8	SSW	0.67	16	SSW	5.1	7.6	5.2	3.8	29.52	0.0	1.2	14	0.10	14	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	14:50	7.4	7.5	7.4	94	6.5	10	S	0.83	23	SSW	4.4	7.6	4.5	3.2	29.52	0.0	1.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	14:55	7.4	7.4	7.4	94	6.5	13	SSW	1.08	25	SSW	3.7	7.6	3.8	2.6	29.51	0.2	1.0	10	0.07	12	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:00	7.4	7.4	7.4	94	6.5	10	SSW	0.83	17	SSW	4.4	7.6	4.5	3.2	29.51	0.0	0.8	9	0.06	11	0	0.00	0.00	0.04	0.00	0.03	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:05	7.4	7.4	7.4	95	6.6	8	SSW	0.67	17	SSW	5.0	7.5	5.1	3.6	29.51	0.0	0.8	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:10	7.4	7.4	7.4	95	6.6	11	SSW	0.92	24	S	4.1	7.5	4.2	2.9	29.51	0.2	1.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:15	7.4	7.4	7.3	95	6.6	12	SSW	1.00	24	SSW	3.8	7.5	3.9	2.7	29.50	0.0	1.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:20	7.3	7.3	7.3	95	6.6	9	SSW	0.75	16	SSW	4.6	7.4	4.7	3.2	29.51	0.0	1.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
18/12/2018	15:25	7.3	7.3	7.3	95	6.6	11	S	0.92	21	SSW	4.0	7.4	4.1	2.7	29.50	0.0	0.0	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:30	7.3	7.3	7.3	95	6.6	13	S	1.08	25	SSW	3.6	7.4	3.7	2.3	29.50	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:35	7.3	7.3	7.3	95	6.5	12	SSW	1.00	22	S	3.7	7.4	3.8	2.4	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:40	7.3	7.3	7.3	95	6.5	10	SSW	0.83	17	S	4.2	7.4	4.3	2.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:45	7.3	7.3	7.3	96	6.7	13	SSW	1.08	25	SW	3.5	7.4	3.6	2.3	29.50	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:50	7.3	7.3	7.3	96	6.7	12	SSW	1.00	24	SSW	3.7	7.4	3.8	2.5	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	15:55	7.3	7.3	7.3	96	6.7	12	SSW	1.00	20	SSW	3.7	7.4	3.8	2.5	29.49	0.2	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:00	7.3	7.3	7.2	96	6.7	10	SSW	0.83	21	SSW	4.2	7.4	4.3	2.9	29.49	0.0	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:05	7.2	7.3	7.2	96	6.6	10	SSW	0.83	22	S	4.2	7.3	4.3	2.8	29.49	0.2	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:10	7.2	7.2	7.2	96	6.6	10	SSW	0.83	18	SSW	4.2	7.3	4.3	2.8	29.48	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:15	7.2	7.2	7.2	96	6.6	13	SSW	1.08	28	SSE	3.4	7.3	3.6	2.2	29.48	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:20	7.2	7.2	7.2	96	6.6	11	SSW	0.92	24	SSW	3.8	7.3	3.9	2.6	29.48	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:25	7.2	7.2	7.2	96	6.6	13	S	1.08	23	S	3.4	7.3	3.5	2.2	29.48	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:30	7.2	7.2	7.2	96	6.6	13	SSW	1.08	24	SSW	3.4	7.3	3.5	2.2	29.48	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:35	7.2	7.2	7.2	96	6.6	11	SSW	0.92	20	S	3.8	7.3	3.9	2.6	29.48	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:40	7.2	7.2	7.2	96	6.6	13	SSW	1.08	25	S	3.4	7.3	3.5	2.2	29.48	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:45	7.2	7.2	7.2	96	6.6	11	S	0.92	22	S	3.8	7.3	3.9	2.6	29.48	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:50	7.2	7.2	7.2	96	6.6	14	S	1.17	25	SSW	3.2	7.3	3.3	2.0	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	16:55	7.2	7.2	7.2	97	6.7	12	S	1.00	27	SSW	3.6	7.3	3.8	2.4	29.47	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:00	7.2	7.2	7.1	97	6.7	15	S	1.25	27	S	3.0	7.3	3.2	1.9	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:05	7.2	7.2	7.1	97	6.7	12	SSW	1.00	21	S	3.6	7.3	3.8	2.4	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:10	7.2	7.2	7.1	97	6.7	12	S	1.00	24	SSW	3.6	7.3	3.8	2.4	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:15	7.2	7.2	7.1	97	6.7	11	SSW	0.92	26	SSW	3.8	7.3	4.0	2.6	29.47	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:20	7.1	7.2	7.1	97	6.7	11	SSW	0.92	21	S	3.8	7.3	3.9	2.6	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:25	7.1	7.2	7.1	97	6.7	10	SSW	0.83	22	S	4.1	7.3	4.2	2.8	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:30	7.1	7.2	7.1	97	6.7	10	SSW	0.83	18	S	4.1	7.3	4.2	2.8	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:35	7.2	7.2	7.1	97	6.7	9	SSW	0.75	19	SSW	4.4	7.3	4.6	3.1	29.47	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:40	7.2	7.2	7.1	97	6.7	13	SSW	1.08	24	SW	3.4	7.3	3.6	2.3	29.48	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:45	7.2	7.2	7.1	97	6.7	11	SW	0.92	23	SW	3.8	7.3	4.0	2.6	29.48	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.7	15	5
18/12/2018	17:50	7.1	7.2	7.1	97	6.7	12	SW	1.00	24	SSW	3.6	7.3	3.7	2.4	29.48	0.4	4.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.1	15	5
18/12/2018	17:55	7.0	7.1	7.0	97	6.6	11	SW	0.92	22	WSW	3.6	7.2	3.8	2.4	29.49	0.0	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.1	15	5
18/12/2018	18:00	6.8	7.0	6.8	97	6.4	11	SW	0.92	19	SW	3.4	7.0	3.6	2.2	29.49	0.2	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	5.6	6.1	15	5
18/12/2018	18:05	6.7	6.8	6.7	97	6.2	13	SW	1.08	21	WNW	2.8	6.8	2.9	1.6	29.49	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	18:10	6.6	6.7	6.6	96	6.0	10	SW	0.83	17	W	3.4	6.7	3.5	2.1	29.49	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	18:15	6.5	6.6	6.5	97	6.1	10	SW	0.83	16	WSW	3.3	6.7	3.4	2.0	29.49	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	18:20	6.4	6.5	6.4	97	6.0	9	SW	0.75	15	SW	3.5	6.6	3.6	2.1	29.49	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	18:25	6.4	6.4	6.4	97	5.9	8	SW	0.67	15	SW	3.8	6.5	3.9	2.3	29.49	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	18:30	6.3	6.4	6.3	96	5.7	8	SW	0.67	13	SSW	3.7	6.4	3.8	2.3	29.49	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	18:35	6.3	6.3	6.3	96	5.7	8	SW	0.67	12	SW	3.7	6.4	3.8	2.2	29.49	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	18:40	6.3	6.3	6.3	96	5.7	8	SW	0.67	11	WSW	3.7	6.4	3.8	2.2	29.49	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	18:45	6.2	6.3	6.2	96	5.6	8	SW	0.67	12	WSW	3.6	6.3	3.7	2.1	29.49	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	18:50	6.2	6.2	6.2	97	5.8	7	SW	0.58	12	SW	3.9	6.3	4.0	2.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
18/12/2018	18:55	6.2	6.2	6.2	97	5.7	6	SW	0.50	10	SW	4.1	6.3	4.2	2.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	19:00	6.2	6.2	6.1	97	5.7	7	SW	0.58	12	WSW	3.8	6.3	3.9	2.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	19:05	6.1	6.2	6.1	97	5.7	6	SW	0.50	10	W	4.1	6.2	4.2	2.5	29.49	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	19:10	6.1	6.1	6.1	97	5.6	6	SW	0.50	9	SW	4.0	6.2	4.1	2.4	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	19:15	6.1	6.1	6.1	97	5.6	6	SW	0.50	10	SSW	4.0	6.2	4.1	2.4	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	19:20	6.1	6.1	6.1	97	5.6	5	SW	0.42	11	SSW	4.4	6.2	4.5	2.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
18/12/2018	19:25	6.0	6.1	6.0	97	5.6	4	SW	0.33	8	SW	4.8	6.1	4.9	3.2	29.49	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	5.6	5.6	15	5
18/12/2018	19:30	5.9	6.0	5.9	97	5.5	4	SW	0.33	8	WSW	4.7	6.1	4.8	3.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	5.6	5.6	15	5
18/12/2018	19:35	5.9	6.0	5.9	97	5.5	5	SW	0.42	9	SSW	4.2	6.1	4.3	2.7	29.50	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	5.6	5.6	15	5
18/12/2018	19:40	5.9	5.9	5.9	97	5.4	4	SW	0.33	7	SW	4.6	6.0	4.7	3.1	29.50	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	5.6	5.0	15	5
18/12/2018	19:45	5.9	5.9	5.9	97	5.4	6	SSW	0.50	12	SSW	3.8	6.0	3.9	2.2	29.49	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	19:50	5.8	5.9	5.8	97	5.4	4	SW	0.33	9	SW	4.6	5.9	4.7	3.0	29.49	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	19:55	5.8	5.8	5.8	97	5.4	3	SSW	0.25	7	SW	5.1	5.9	5.2	3.6	29.49	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:00	5.8	5.8	5.8	97	5.3	1	SSW	0.08	3	SSW	5.8	5.9	5.9	4.2	29.49	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:05	5.8	5.8	5.8	97	5.3	2	SSW	0.17	4	SSW	5.8	5.9	5.9	4.2	29.49	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:10	5.8	5.8	5.8	97	5.3	3	SSW	0.25	6	SSW	5.1	5.9	5.2	3.5	29.49	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:15	5.7	5.8	5.7	97	5.3	4	SSW	0.33	7	SSW	4.4	5.8	4.6	2.9	29.49	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:20	5.7	5.7	5.7	97	5.3	4	SW	0.33	8	SW	4.4	5.8	4.6	2.9	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:25	5.7	5.7	5.7	97	5.3	2	SW	0.17	5	SW	5.7	5.8	5.8	4.2	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:30	5.7	5.7	5.7	97	5.3	3	SW	0.25	9	SW	5.0	5.8	5.1	3.4	29.49	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:35	5.7	5.7	5.7	97	5.3	4	SW	0.33	7	SW	4.4	5.8	4.6	2.9	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:40	5.7	5.7	5.7	97	5.2	5	SW	0.42	9	SSW	3.9	5.7	3.9	2.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:45	5.7	5.7	5.7	97	5.2	5	SW	0.42	11	SSW	3.9	5.7	3.9	2.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:50	5.7	5.7	5.7	97	5.2	4	SW	0.33	8	S	4.3	5.7	4.4	2.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	20:55	5.7	5.7	5.7	97	5.2	4	SW	0.33	7	SW	4.3	5.7	4.4	2.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:00	5.6	5.7	5.6	97	5.2	5	SW	0.42	10	WSW	3.8	5.7	3.9	2.2	29.49	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:05	5.6	5.7	5.6	97	5.2	5	SW	0.42	10	SSE	3.8	5.7	3.9	2.2	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:10	5.6	5.6	5.6	97	5.2	5	SW	0.42	11	SSW	3.8	5.7	3.9	2.2	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:15	5.6	5.6	5.6	97	5.2	4	SW	0.33	9	SSW	4.3	5.7	4.3	2.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:20	5.6	5.6	5.6	97	5.1	4	SW	0.33	8	SSW	4.2	5.6	4.3	2.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:25	5.6	5.6	5.6	97	5.1	4	SW	0.33	10	SSW	4.2	5.6	4.3	2.6	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:30	5.6	5.6	5.6	97	5.1	6	SW	0.50	11	SSW	3.4	5.6	3.4	1.8	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:35	5.6	5.6	5.5	97	5.1	6	SW	0.50	13	SSW	3.4	5.6	3.4	1.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:40	5.5	5.6	5.5	97	5.1	5	SW	0.42	11	SSW	3.7	5.6	3.8	2.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:45	5.5	5.5	5.5	97	5.1	6	SW	0.50	10	W	3.3	5.6	3.4	1.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:50	5.5	5.5	5.5	97	5.1	8	SW	0.67	12	WSW	2.7	5.6	2.8	1.2	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	21:55	5.5	5.5	5.4	97	5.1	8	SW	0.67	15	SSW	2.7	5.6	2.8	1.2	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:00	5.4	5.5	5.4	97	5.0	10	SW	0.83	17	WSW	2.1	5.5	2.2	0.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:05	5.4	5.4	5.4	97	5.0	10	SW	0.83	14	WSW	2.1	5.5	2.2	0.7	29.49	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:10	5.4	5.5	5.4	97	5.0	10	SW	0.83	15	WSW	2.1	5.5	2.2	0.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:15	5.4	5.4	5.4	97	5.0	9	SW	0.75	14	WSW	2.4	5.5	2.4	0.9	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:20	5.4	5.4	5.4	97	5.0	10	SW	0.83	14	SW	2.1	5.5	2.2	0.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
18/12/2018	22:25	5.4	5.4	5.4	97	5.0	11	SW	0.92	17	SSW	1.8	5.5	1.9	0.5	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:30	5.4	5.4	5.4	98	5.2	10	SW	0.83	15	WSW	2.1	5.6	2.2	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:35	5.5	5.5	5.4	98	5.2	10	SW	0.83	15	WSW	2.2	5.6	2.3	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:40	5.5	5.5	5.4	98	5.2	10	SW	0.83	16	SSW	2.2	5.6	2.3	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:45	5.5	5.5	5.4	98	5.2	9	SW	0.75	16	W	2.4	5.6	2.6	1.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	5.0	5.6	5.0	15	5
18/12/2018	22:50	5.5	5.5	5.4	98	5.2	10	SW	0.83	16	WSW	2.2	5.6	2.3	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	22:55	5.5	5.5	5.5	98	5.2	10	SW	0.83	15	WSW	2.2	5.6	2.3	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	23:00	5.5	5.5	5.4	98	5.2	9	SW	0.75	16	SW	2.4	5.6	2.6	1.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	23:05	5.4	5.5	5.4	98	5.2	8	WSW	0.67	13	WSW	2.7	5.6	2.8	1.2	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	23:10	5.4	5.4	5.4	98	5.2	9	SW	0.75	15	SW	2.4	5.6	2.5	1.0	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	23:15	5.4	5.4	5.4	98	5.1	11	SW	0.92	16	SW	1.8	5.5	1.9	0.5	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	23:20	5.4	5.4	5.4	98	5.1	11	SW	0.92	18	WSW	1.8	5.5	1.9	0.5	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	23:25	5.4	5.4	5.4	98	5.1	12	SW	1.00	17	WSW	1.6	5.5	1.7	0.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.9	5.6	5.0	15	5
18/12/2018	23:30	5.4	5.4	5.4	98	5.2	11	SW	0.92	18	WSW	1.8	5.6	1.9	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	23:35	5.4	5.4	5.4	98	5.2	12	SW	1.00	17	WSW	1.6	5.6	1.7	0.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	23:40	5.4	5.4	5.4	98	5.2	11	SW	0.92	15	SW	1.8	5.6	1.9	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.9	5.6	5.0	15	5
18/12/2018	23:45	5.4	5.4	5.4	98	5.2	10	SW	0.83	14	SW	2.1	5.6	2.2	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.0	15	5
18/12/2018	23:50	5.5	5.5	5.4	98	5.2	10	SW	0.83	17	SSW	2.2	5.6	2.3	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
18/12/2018	23:55	5.5	5.6	5.5	98	5.2	9	SW	0.75	14	WSW	2.4	5.6	2.6	1.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	00:00	5.6	5.6	5.5	98	5.3	10	SW	0.83	13	WSW	2.2	5.7	2.3	0.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	00:05	5.6	5.6	5.6	98	5.3	10	SW	0.83	15	SW	2.3	5.7	2.4	0.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	00:10	5.6	5.7	5.6	98	5.3	9	SW	0.75	14	SW	2.6	5.7	2.7	1.2	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	00:15	5.7	5.7	5.6	98	5.4	5	SW	0.42	9	SW	3.9	5.8	4.0	2.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	00:20	5.7	5.7	5.7	98	5.4	5	SW	0.42	14	SW	4.0	5.8	4.1	2.4	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	00:25	5.7	5.7	5.7	98	5.4	8	SW	0.67	13	WSW	3.0	5.8	3.1	1.6	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	00:30	5.8	5.8	5.7	98	5.5	8	SW	0.67	12	WSW	3.1	5.9	3.2	1.6	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	00:35	5.8	5.8	5.8	98	5.5	6	SW	0.50	9	SSW	3.7	5.9	3.8	2.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	00:40	5.8	5.8	5.8	98	5.5	6	SW	0.50	11	SW	3.7	5.9	3.8	2.2	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	00:45	5.8	5.8	5.8	98	5.5	7	SW	0.58	15	WSW	3.4	5.9	3.6	1.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	00:50	5.8	5.8	5.8	98	5.5	8	SW	0.67	14	WSW	3.1	5.9	3.2	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	00:55	5.8	5.8	5.8	98	5.5	7	SW	0.58	12	SW	3.3	5.9	3.4	1.8	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	01:00	5.8	5.8	5.8	98	5.5	10	SW	0.83	18	SSW	2.4	5.9	2.6	1.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	01:05	5.8	5.8	5.8	98	5.5	9	SW	0.75	16	WSW	2.7	5.9	2.8	1.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	01:10	5.8	5.8	5.8	98	5.5	9	SW	0.75	14	WSW	2.8	5.9	2.9	1.4	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	01:15	5.8	5.8	5.8	98	5.5	8	SW	0.67	12	SW	3.1	5.9	3.2	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	01:20	5.8	5.8	5.8	98	5.5	9	SW	0.75	14	WSW	2.7	5.9	2.8	1.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	01:25	5.8	5.8	5.8	98	5.5	8	SW	0.67	14	WSW	3.1	5.9	3.2	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	01:30	5.8	5.8	5.8	98	5.5	9	SW	0.75	15	SSW	2.8	5.9	2.9	1.4	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	01:35	5.8	5.8	5.8	98	5.5	7	SW	0.58	11	SSW	3.4	5.9	3.6	1.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	01:40	5.8	5.8	5.8	98	5.5	6	SW	0.50	14	SSW	3.7	5.9	3.8	2.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	01:45	5.8	5.8	5.8	98	5.5	5	SW	0.42	9	SSW	4.1	5.9	4.2	2.5	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	01:50	5.8	5.8	5.8	98	5.5	6	SW	0.50	9	SW	3.7	5.9	3.8	2.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
19/12/2018	01:55	5.8	5.8	5.8	98	5.5	5	SW	0.42	9	SW	4.1	5.9	4.2	2.5	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	02:00	5.8	5.8	5.8	98	5.5	5	SW	0.42	9	WSW	4.1	5.9	4.2	2.5	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	02:05	5.8	5.8	5.8	98	5.5	6	SW	0.50	10	WSW	3.7	5.9	3.8	2.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	02:10	5.8	5.8	5.8	98	5.5	6	SW	0.50	12	SSE	3.7	5.9	3.8	2.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	02:15	5.8	5.8	5.7	98	5.5	6	SW	0.50	11	SW	3.7	5.9	3.8	2.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	02:20	5.7	5.8	5.7	98	5.4	7	SW	0.58	18	WSW	3.3	5.8	3.4	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	02:25	5.7	5.7	5.7	98	5.4	7	SW	0.58	14	W	3.3	5.8	3.4	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	02:30	5.7	5.7	5.7	98	5.4	6	SW	0.50	10	SW	3.5	5.8	3.6	1.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	02:35	5.7	5.7	5.7	98	5.4	7	SW	0.58	13	WSW	3.2	5.8	3.3	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	02:40	5.7	5.7	5.6	98	5.4	7	SW	0.58	12	SSW	3.2	5.8	3.3	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	02:45	5.7	5.7	5.6	98	5.4	6	SW	0.50	9	SW	3.5	5.8	3.6	1.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	02:50	5.7	5.7	5.6	98	5.4	5	SW	0.42	9	SW	3.9	5.8	4.0	2.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	02:55	5.7	5.7	5.6	98	5.4	6	SW	0.50	9	SSW	3.5	5.8	3.6	1.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	5.6	15	5
19/12/2018	03:00	5.7	5.7	5.6	98	5.4	6	SW	0.50	11	WSW	3.5	5.8	3.6	1.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	5.6	15	5
19/12/2018	03:05	5.6	5.7	5.6	98	5.3	7	SW	0.58	13	SW	3.1	5.7	3.2	1.6	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:10	5.6	5.6	5.6	98	5.3	6	SW	0.50	10	WSW	3.4	5.7	3.6	1.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:15	5.6	5.6	5.6	98	5.3	6	SW	0.50	12	SW	3.4	5.7	3.6	1.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:20	5.6	5.6	5.6	98	5.3	5	SW	0.42	10	SW	3.8	5.7	3.9	2.3	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:25	5.6	5.6	5.6	98	5.3	6	WSW	0.50	12	W	3.4	5.7	3.6	1.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:30	5.6	5.6	5.6	98	5.3	7	SW	0.58	12	WSW	3.1	5.7	3.2	1.5	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:35	5.6	5.6	5.6	98	5.3	9	SW	0.75	16	SSW	2.5	5.7	2.6	1.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:40	5.6	5.6	5.6	98	5.3	8	SW	0.67	13	SW	2.8	5.7	2.9	1.3	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:45	5.6	5.6	5.6	98	5.3	7	SW	0.58	13	WSW	3.1	5.7	3.2	1.5	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:50	5.6	5.6	5.6	98	5.3	8	SW	0.67	12	WSW	2.8	5.7	2.9	1.3	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	03:55	5.5	5.6	5.5	98	5.2	7	SW	0.58	13	SW	3.0	5.6	3.1	1.4	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	04:00	5.5	5.6	5.5	97	5.1	6	SW	0.50	12	WSW	3.3	5.6	3.4	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	4.4	5.6	5.0	15	5
19/12/2018	04:05	5.5	5.5	5.5	98	5.2	6	SW	0.50	12	SW	3.3	5.6	3.4	1.8	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	15	5
19/12/2018	04:10	5.4	5.5	5.4	98	5.2	7	SW	0.58	13	SSW	2.9	5.6	3.1	1.4	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5
19/12/2018	04:15	5.4	5.5	5.4	98	5.2	7	SW	0.58	12	WSW	2.9	5.6	3.1	1.4	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	15	5
19/12/2018	04:20	5.4	5.5	5.4	98	5.2	6	SW	0.50	11	SW	3.3	5.6	3.4	1.7	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	15	5
19/12/2018	04:25	5.5	5.5	5.4	98	5.2	7	SW	0.58	12	SSW	3.0	5.6	3.1	1.4	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	14	5
19/12/2018	04:30	5.5	5.5	5.4	98	5.2	7	SW	0.58	13	SSW	3.0	5.6	3.1	1.4	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	14	5
19/12/2018	04:35	5.5	5.5	5.4	98	5.2	6	SW	0.50	10	WSW	3.3	5.6	3.4	1.8	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	14	5
19/12/2018	04:40	5.4	5.5	5.4	97	5.0	6	WSW	0.50	13	WSW	3.3	5.5	3.3	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	14	5
19/12/2018	04:45	5.4	5.4	5.4	97	5.0	7	SW	0.58	12	SW	2.9	5.5	3.0	1.3	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	14	5
19/12/2018	04:50	5.4	5.4	5.4	97	5.0	7	SW	0.58	14	SW	2.8	5.4	2.9	1.2	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	14	5
19/12/2018	04:55	5.4	5.4	5.4	98	5.1	7	SW	0.58	11	WSW	2.8	5.5	2.9	1.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	14	5
19/12/2018	05:00	5.4	5.4	5.4	98	5.1	6	SW	0.50	10	WSW	3.2	5.5	3.3	1.6	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	14	5
19/12/2018	05:05	5.4	5.4	5.4	98	5.1	8	SW	0.67	13	WSW	2.6	5.5	2.7	1.1	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	14	5
19/12/2018	05:10	5.4	5.4	5.4	98	5.2	6	SW	0.50	13	SSW	3.3	5.6	3.4	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	14	5
19/12/2018	05:15	5.4	5.4	5.4	98	5.2	6	SW	0.50	10	WSW	3.3	5.6	3.4	1.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	14	5
19/12/2018	05:20	5.4	5.4	5.4	98	5.2	7	SW	0.58	11	SW	2.9	5.6	3.1	1.4	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
19/12/2018	05:25	5.4	5.4	5.4	98	5.2	7	SW	0.58	13	SSW	2.9	5.6	3.1	1.4	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	14	5
19/12/2018	05:30	5.5	5.5	5.4	98	5.2	7	SW	0.58	11	SSW	3.0	5.6	3.1	1.4	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	5.0	5.6	5.6	14	5
19/12/2018	05:35	5.6	5.6	5.5	98	5.3	5	SW	0.42	9	SSW	3.8	5.7	3.9	2.2	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	5.0	5.6	5.6	14	5
19/12/2018	05:40	5.6	5.6	5.5	98	5.3	6	SW	0.50	11	SSW	3.4	5.7	3.5	1.8	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	5.0	5.6	5.6	13	5
19/12/2018	05:45	5.6	5.6	5.6	98	5.3	5	SW	0.42	9	SW	3.8	5.7	3.9	2.2	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	5.0	5.6	5.6	13	5
19/12/2018	05:50	5.6	5.6	5.6	98	5.3	6	SW	0.50	8	SW	3.4	5.7	3.6	1.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	5.0	5.6	5.6	13	5
19/12/2018	05:55	5.6	5.6	5.6	98	5.3	5	SW	0.42	10	SSW	3.8	5.7	3.9	2.3	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	5.0	5.6	5.6	13	5
19/12/2018	06:00	5.6	5.6	5.6	98	5.3	5	SW	0.42	9	S	3.8	5.7	3.9	2.3	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	5.0	5.6	5.6	13	5
19/12/2018	06:05	5.7	5.7	5.6	98	5.4	6	SW	0.50	9	SW	3.5	5.8	3.6	1.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	5.0	5.6	5.6	13	5
19/12/2018	06:10	5.7	5.7	5.6	98	5.4	6	SW	0.50	10	SW	3.5	5.8	3.6	1.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	06:15	5.7	5.7	5.7	98	5.4	6	SW	0.50	12	SSW	3.5	5.8	3.6	1.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	06:20	5.7	5.7	5.7	98	5.4	6	SW	0.50	9	WSW	3.6	5.8	3.7	2.1	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	06:25	5.7	5.7	5.7	98	5.4	7	SW	0.58	13	SSW	3.3	5.8	3.4	1.7	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	06:30	5.7	5.7	5.7	98	5.4	7	SW	0.58	11	SW	3.3	5.8	3.4	1.7	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	06:35	5.7	5.7	5.7	98	5.4	5	SW	0.42	9	SW	4.0	5.8	4.1	2.4	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	06:40	5.7	5.7	5.7	98	5.4	6	SW	0.50	14	SSW	3.6	5.8	3.7	2.1	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	06:45	5.7	5.7	5.7	98	5.4	6	SW	0.50	10	S	3.5	5.8	3.6	1.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	06:50	5.7	5.7	5.7	98	5.4	5	SW	0.42	8	WSW	3.9	5.8	4.0	2.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	06:55	5.7	5.7	5.7	98	5.4	4	SW	0.33	8	SW	4.3	5.8	4.4	2.8	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	07:00	5.7	5.7	5.6	98	5.4	4	SW	0.33	9	SSW	4.3	5.8	4.4	2.8	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	07:05	5.6	5.7	5.6	98	5.3	6	SSW	0.50	11	SW	3.4	5.7	3.6	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	07:10	5.6	5.7	5.6	98	5.3	3	SSW	0.25	10	SSW	4.8	5.7	4.9	3.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	07:15	5.7	5.7	5.6	98	5.4	4	SSW	0.33	8	SSW	4.3	5.8	4.4	2.8	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	07:20	5.7	5.7	5.6	98	5.4	3	SW	0.25	7	SSW	4.9	5.8	5.0	3.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	07:25	5.7	5.7	5.7	98	5.4	3	SSW	0.25	6	SSW	4.9	5.8	5.0	3.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	07:30	5.7	5.7	5.7	98	5.4	3	SW	0.25	6	SW	4.9	5.8	5.0	3.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	07:35	5.7	5.7	5.7	98	5.4	4	SSW	0.33	8	SSW	4.3	5.8	4.4	2.8	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	07:40	5.7	5.7	5.7	98	5.4	4	SSW	0.33	8	SSW	4.3	5.8	4.4	2.8	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	15	5
19/12/2018	07:45	5.7	5.7	5.7	98	5.4	6	SSW	0.50	11	SSW	3.5	5.8	3.6	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	15	5
19/12/2018	07:50	5.7	5.7	5.7	98	5.4	6	SSW	0.50	13	SSW	3.5	5.8	3.6	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	15	5
19/12/2018	07:55	5.7	5.7	5.7	98	5.4	6	SSW	0.50	11	SSW	3.5	5.8	3.6	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	15	5
19/12/2018	08:00	5.7	5.7	5.6	98	5.4	8	SSW	0.67	14	SSW	2.9	5.8	3.0	1.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	15	5
19/12/2018	08:05	5.6	5.7	5.6	98	5.3	7	SW	0.58	11	SSW	3.1	5.7	3.2	1.6	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.0	15	5
19/12/2018	08:10	5.6	5.6	5.6	98	5.3	7	SW	0.58	12	SW	3.1	5.7	3.2	1.6	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.0	15	5
19/12/2018	08:15	5.6	5.6	5.6	98	5.3	8	SW	0.67	14	SSW	2.8	5.7	2.9	1.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.0	15	5
19/12/2018	08:20	5.6	5.6	5.6	98	5.3	7	SW	0.58	10	SW	3.1	5.7	3.2	1.6	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.0	15	5
19/12/2018	08:25	5.6	5.6	5.6	98	5.3	8	SW	0.67	11	WSW	2.8	5.7	2.9	1.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.0	15	5
19/12/2018	08:30	5.6	5.6	5.6	98	5.3	8	SW	0.67	11	SW	2.8	5.7	2.9	1.3	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.0	15	5
19/12/2018	08:35	5.6	5.6	5.6	98	5.3	7	SW	0.58	12	WSW	3.1	5.7	3.2	1.5	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.0	15	5
19/12/2018	08:40	5.6	5.6	5.6	98	5.3	7	SW	0.58	11	WSW	3.1	5.7	3.2	1.5	29.53	0.0	0.0	3	0.02	5	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	08:45	5.6	5.6	5.6	98	5.3	8	SW	0.67	11	SW	2.8	5.7	2.9	1.4	29.53	0.0	0.0	5	0.04	7	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.0	15	5
19/12/2018	08:50	5.6	5.6	5.6	98	5.3	7	SW	0.58	12	WSW	3.1	5.7	3.2	1.6	29.53	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
19/12/2018	08:55	5.6	5.6	5.6	98	5.3	6	SW	0.50	9	WSW	3.4	5.7	3.5	1.9	29.53	0.0	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	09:00	5.6	5.6	5.6	98	5.3	6	SW	0.50	10	SW	3.4	5.7	3.5	2.0	29.54	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	09:05	5.6	5.6	5.6	98	5.3	6	SW	0.50	12	WSW	3.4	5.7	3.5	2.0	29.54	0.0	0.0	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	09:10	5.6	5.6	5.6	98	5.3	7	SW	0.58	11	SW	3.1	5.7	3.2	1.7	29.54	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	09:15	5.6	5.6	5.6	98	5.3	8	SW	0.67	15	WSW	2.8	5.7	2.9	1.5	29.54	0.0	0.0	18	0.13	19	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	15	5
19/12/2018	09:20	5.6	5.6	5.6	98	5.3	8	SW	0.67	12	SW	2.8	5.7	2.9	1.5	29.54	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	14	5
19/12/2018	09:25	5.6	5.6	5.6	98	5.3	8	SW	0.67	14	WSW	2.8	5.7	2.9	1.5	29.55	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	14	5
19/12/2018	09:30	5.6	5.6	5.6	98	5.3	8	SW	0.67	13	WSW	2.8	5.7	2.9	1.5	29.55	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	14	5
19/12/2018	09:35	5.6	5.6	5.6	98	5.3	9	SW	0.75	15	SW	2.6	5.7	2.7	1.3	29.55	0.0	0.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	14	5
19/12/2018	09:40	5.6	5.6	5.6	98	5.3	9	SW	0.75	16	SW	2.6	5.7	2.7	1.4	29.55	0.0	0.0	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	13	5
19/12/2018	09:45	5.6	5.6	5.6	98	5.3	10	SW	0.83	17	WSW	2.3	5.7	2.4	1.2	29.55	0.0	0.0	26	0.19	26	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	13	5
19/12/2018	09:50	5.6	5.7	5.6	98	5.3	9	SW	0.75	14	WSW	2.6	5.7	2.7	1.4	29.55	0.0	0.0	26	0.19	28	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	12	5
19/12/2018	09:55	5.7	5.7	5.6	98	5.4	9	SW	0.75	16	WSW	2.6	5.8	2.7	1.5	29.55	0.0	0.0	28	0.20	30	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	12	5
19/12/2018	10:00	5.7	5.7	5.6	98	5.4	8	SW	0.67	15	WSW	2.9	5.8	3.0	1.8	29.55	0.0	0.0	30	0.22	32	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	12	5
19/12/2018	10:05	5.7	5.7	5.7	98	5.4	9	SW	0.75	15	SSW	2.6	5.8	2.7	2.3	29.56	0.0	0.0	32	0.23	33	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	11	5
19/12/2018	10:10	5.7	5.7	5.7	98	5.4	10	SW	0.83	15	WSW	2.3	5.8	2.4	2.0	29.55	0.0	0.0	33	0.24	35	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	5.6	10	5
19/12/2018	10:15	5.7	5.7	5.7	98	5.4	8	SW	0.67	14	WSW	2.9	5.8	3.0	2.6	29.56	0.0	0.0	35	0.25	35	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	6.1	10	5
19/12/2018	10:20	5.7	5.7	5.7	98	5.4	9	SW	0.75	15	SW	2.6	5.8	2.7	2.3	29.56	0.0	0.0	36	0.26	37	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	6.1	9	5
19/12/2018	10:25	5.7	5.7	5.7	98	5.4	9	SW	0.75	15	WSW	2.6	5.8	2.7	2.4	29.56	0.0	0.0	37	0.27	39	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	6.1	8	5
19/12/2018	10:30	5.7	5.7	5.7	98	5.4	8	SW	0.67	13	SW	2.9	5.8	3.0	2.7	29.56	0.0	0.0	39	0.28	40	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	6.1	6	5
19/12/2018	10:35	5.7	5.7	5.7	98	5.4	8	SW	0.67	15	WSW	3.0	5.8	3.1	2.8	29.56	0.0	0.0	41	0.29	44	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	6.1	4	5
19/12/2018	10:40	5.7	5.7	5.7	98	5.4	9	SW	0.75	15	W	2.7	5.8	2.8	2.6	29.56	0.0	0.0	46	0.33	47	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	6.1	4	5
19/12/2018	10:45	5.7	5.8	5.7	98	5.4	9	SW	0.75	14	SSW	2.7	5.8	2.8	2.7	29.55	0.0	0.0	52	0.37	54	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.0	5.6	6.1	3	5
19/12/2018	10:50	5.8	5.8	5.7	98	5.5	8	SW	0.67	14	SSW	3.1	5.9	3.2	3.4	29.55	0.0	0.0	61	0.44	70	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.1	2	5
19/12/2018	10:55	5.9	5.9	5.8	98	5.6	8	SW	0.67	13	WSW	3.2	6.0	3.3	3.8	29.56	0.0	0.0	77	0.55	79	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.1	1	5
19/12/2018	11:00	5.9	5.9	5.9	97	5.4	9	SW	0.75	15	SW	2.9	6.0	3.0	3.4	29.55	0.0	0.0	75	0.54	77	0	0.00	0.00	0.04	0.00	0.03	55	5.6	5.6	5.6	6.1	0	5
19/12/2018	11:05	5.9	5.9	5.9	97	5.5	8	SW	0.67	14	SSW	3.2	6.1	3.3	3.7	29.55	0.0	0.0	70	0.50	72	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.1	0	5
19/12/2018	11:10	5.9	5.9	5.9	97	5.5	9	SW	0.75	16	WSW	2.9	6.1	3.1	3.3	29.55	0.0	0.0	66	0.47	67	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.1	0	5
19/12/2018	11:15	5.9	5.9	5.9	97	5.5	9	SW	0.75	15	SW	2.9	6.1	3.1	3.3	29.55	0.0	0.0	67	0.48	69	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.1	0	5
19/12/2018	11:20	5.9	5.9	5.9	97	5.5	11	SW	0.92	18	SSW	2.4	6.1	2.5	3.1	29.55	0.0	0.0	84	0.60	104	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.7	0	5
19/12/2018	11:25	6.0	6.0	5.9	96	5.4	11	SW	0.92	17	SW	2.5	6.1	2.6	3.3	29.55	0.0	0.0	90	0.65	105	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.7	0	5
19/12/2018	11:30	6.1	6.1	6.0	96	5.5	11	SW	0.92	17	SW	2.6	6.1	2.6	3.4	29.55	0.0	0.0	98	0.70	107	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.7	0	5
19/12/2018	11:35	6.2	6.2	6.1	96	5.6	9	SW	0.75	15	WSW	3.2	6.2	3.2	4.1	29.55	0.0	0.0	93	0.67	95	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.7	0	5
19/12/2018	11:40	6.2	6.2	6.2	96	5.6	9	SW	0.75	13	WSW	3.2	6.3	3.3	4.1	29.55	0.0	0.0	90	0.65	95	0	0.00	0.00	0.04	0.00	0.00	55	5.6	5.6	5.6	6.7	0	5
19/12/2018	11:45	6.3	6.3	6.2	95	5.5	8	SW	0.67	13	SW	3.7	6.3	3.7	4.5	29.55	0.0	0.0	90	0.65	93	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.1	5.6	6.7	0	5
19/12/2018	11:50	6.4	6.4	6.3	95	5.6	9	SW	0.75	14	WSW	3.4	6.5	3.6	4.6	29.55	0.0	0.0	103	0.74	109	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.2	0	5
19/12/2018	11:55	6.4	6.4	6.4	95	5.7	11	SW	0.92	19	SW	3.0	6.6	3.1	4.5	29.55	0.0	0.0	130	0.93	149	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.2	0	5
19/12/2018	12:00	6.5	6.5	6.4	94	5.6	11	SW	0.92	19	WSW	3.1	6.6	3.2	4.6	29.55	0.0	0.0	134	0.96	149	0	0.00	0.00	0.04	0.00	0.05	54	5.6	6.7	5.6	7.2	0	5
19/12/2018	12:05	6.6	6.6	6.5	94	5.7	10	SW	0.83	16	SSW	3.4	6.7	3.5	4.8	29.54	0.0	0.0	118	0.85	123	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.2	0	5
19/12/2018	12:10	6.6	6.6	6.6	94	5.7	8	SW	0.67	12	WSW	4.1	6.7	4.2	5.8	29.54	0.0	0.0	135	0.97	149	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.2	0	5
19/12/2018	12:15	6.8	6.8	6.7	94	5.9	8	SW	0.67	13	WSW	4.2	6.9	4.3	5.9	29.54	0.0	0.0	132	0.95	158	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.8	0	5
19/12/2018	12:20	6.9	6.9	6.8	93	5.9	8	SW	0.67	14	SSW	4.4	7.1	4.6	6.8	29.54	0.0	0.0	169	1.21	183	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
19/12/2018	12:25	7.0	7.1	6.9	92	5.8	10	SW	0.83	20	SW	3.9	7.1	3.9	5.4	29.54	0.0	0.0	130	0.93	146	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.8	0	5
19/12/2018	12:30	7.0	7.1	7.0	92	5.8	9	SW	0.75	20	WSW	4.2	7.1	4.2	5.7	29.54	0.0	0.0	129	0.92	179	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.8	0	5
19/12/2018	12:35	7.1	7.1	7.0	92	5.8	11	SW	0.92	20	W	3.7	7.1	3.7	5.1	29.54	0.0	0.0	125	0.90	158	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.8	0	5
19/12/2018	12:40	7.2	7.2	7.1	91	5.8	9	SW	0.75	14	SW	4.4	7.2	4.4	6.4	29.54	0.0	0.0	155	1.11	169	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
19/12/2018	12:45	7.2	7.2	7.2	91	5.8	10	SW	0.83	16	WSW	4.1	7.2	4.2	5.2	29.53	0.0	0.0	106	0.76	156	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.8	0	5
19/12/2018	12:50	7.1	7.2	7.1	90	5.6	8	SW	0.67	14	WSW	4.7	7.2	4.7	6.0	29.53	0.0	0.0	114	0.82	139	0	0.00	0.00	0.04	0.00	0.00	55	6.1	6.1	5.6	7.8	0	5
19/12/2018	12:55	7.2	7.2	7.1	90	5.7	7	SW	0.58	11	SSW	5.1	7.3	5.2	6.4	29.54	0.0	0.0	110	0.79	156	0	0.00	0.00	0.04	0.00	0.00	55	6.1	6.1	5.6	7.8	0	5
19/12/2018	13:00	7.3	7.3	7.2	90	5.7	6	WSW	0.50	13	WSW	5.4	7.3	5.5	6.6	29.53	0.0	0.0	100	0.72	127	0	0.00	0.00	0.04	0.00	0.08	55	6.1	6.1	5.6	7.8	0	5
19/12/2018	13:05	7.3	7.3	7.3	90	5.8	5	W	0.42	10	WSW	5.8	7.4	5.9	6.6	29.53	0.0	0.0	82	0.59	100	0	0.00	0.00	0.04	0.00	0.00	55	6.1	6.1	5.6	7.8	0	5
19/12/2018	13:10	7.4	7.4	7.3	91	6.0	4	W	0.33	8	WNW	6.3	7.4	6.4	8.0	29.53	0.0	0.0	127	0.91	160	0	0.00	0.00	0.04	0.00	0.00	55	6.1	6.1	5.6	7.8	0	5
19/12/2018	13:15	7.4	7.4	7.4	90	5.9	6	SW	0.50	13	WSW	5.7	7.5	5.7	6.7	29.53	0.0	0.0	98	0.70	123	0	0.00	0.00	0.04	0.00	0.00	55	6.1	6.1	5.6	7.8	0	5
19/12/2018	13:20	7.6	7.6	7.4	89	5.9	8	SW	0.67	13	SW	5.2	7.6	5.2	5.6	29.53	0.0	0.0	69	0.49	81	0	0.00	0.00	0.04	0.00	0.00	55	6.1	6.1	5.6	7.8	0	5
19/12/2018	13:25	7.6	7.6	7.5	89	5.9	7	SW	0.58	11	SW	5.5	7.6	5.6	6.3	29.53	0.0	0.0	86	0.62	109	0	0.00	0.00	0.04	0.00	0.00	55	6.1	6.7	5.6	8.3	0	5
19/12/2018	13:30	7.4	7.6	7.4	89	5.7	8	SW	0.67	14	WSW	5.1	7.5	5.1	4.9	29.53	0.0	0.0	45	0.32	62	0	0.00	0.00	0.04	0.00	0.00	55	6.1	6.1	5.6	7.8	0	5
19/12/2018	13:35	7.3	7.4	7.3	90	5.7	9	SW	0.75	15	SW	4.5	7.3	4.6	4.2	29.53	0.0	0.0	36	0.26	42	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.6	5.6	7.2	0	5
19/12/2018	13:40	7.2	7.3	7.2	90	5.7	11	SW	0.92	19	WSW	3.9	7.3	3.9	4.1	29.54	0.0	0.0	63	0.45	81	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.6	5.6	7.2	0	5
19/12/2018	13:45	7.3	7.3	7.2	90	5.7	8	SW	0.67	13	SW	4.8	7.3	4.9	5.1	29.54	0.0	0.0	60	0.43	86	0	0.00	0.00	0.04	0.00	0.00	55	6.1	6.1	5.6	7.2	0	5
19/12/2018	13:50	7.2	7.3	7.2	90	5.7	8	WSW	0.67	14	WSW	4.8	7.3	4.8	4.4	29.54	0.0	0.0	34	0.24	37	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.6	5.6	7.2	0	5
19/12/2018	13:55	7.2	7.2	7.2	90	5.6	9	SW	0.75	14	SSW	4.4	7.2	4.4	4.1	29.53	0.0	0.0	36	0.26	39	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.6	5.6	7.2	0	5
19/12/2018	14:00	7.2	7.2	7.2	90	5.7	8	WSW	0.67	16	SW	4.8	7.3	4.8	4.3	29.53	0.0	0.0	32	0.23	33	0	0.00	0.00	0.04	0.00	0.05	55	6.1	5.6	5.6	7.2	0	5
19/12/2018	14:05	7.2	7.2	7.2	90	5.6	8	SW	0.67	16	SW	4.7	7.2	4.8	4.2	29.54	0.0	0.0	29	0.21	30	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	7.2	0	5
19/12/2018	14:10	7.1	7.2	7.1	90	5.6	8	SW	0.67	15	W	4.7	7.2	4.7	4.2	29.53	0.0	0.0	27	0.19	28	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	7.2	0	5
19/12/2018	14:15	7.1	7.1	7.1	90	5.5	7	SW	0.58	10	SW	4.9	7.1	4.9	4.2	29.53	0.0	0.0	24	0.17	26	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	6.7	0	5
19/12/2018	14:20	7.0	7.1	7.0	90	5.5	7	SW	0.58	12	SW	4.8	7.1	4.9	4.0	29.53	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	6.7	0	5
19/12/2018	14:25	6.9	7.0	6.9	90	5.4	8	SW	0.67	15	SSW	4.4	6.9	4.4	3.1	29.53	0.0	0.0	18	0.13	18	0	0.00	0.00	0.04	0.00	0.00	55	6.1	5.0	5.6	6.7	0	5
19/12/2018	14:30	6.8	6.9	6.8	90	5.3	10	SW	0.83	15	SW	3.7	6.9	3.8	2.5	29.53	0.0	0.0	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	6.7	0	5
19/12/2018	14:35	6.7	6.8	6.7	90	5.2	10	SW	0.83	18	SW	3.6	6.8	3.6	2.3	29.53	0.0	0.0	18	0.13	18	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	6.7	0	5
19/12/2018	14:40	6.7	6.8	6.7	90	5.1	9	SW	0.75	18	W	3.8	6.7	3.8	2.5	29.53	0.0	0.0	18	0.13	18	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	6.7	0	5
19/12/2018	14:45	6.6	6.7	6.6	90	5.1	9	SW	0.75	15	SSW	3.7	6.7	3.8	2.4	29.53	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	6.1	0	5
19/12/2018	14:50	6.6	6.6	6.5	90	5.0	9	SW	0.75	13	SW	3.7	6.6	3.7	2.4	29.53	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	6.1	0	5
19/12/2018	14:55	6.4	6.5	6.4	90	4.9	9	SW	0.75	16	SSW	3.5	6.5	3.6	2.2	29.54	0.0	0.0	21	0.15	21	0	0.00	0.00	0.04	0.00	0.00	55	6.1	4.4	5.6	6.1	0	5
19/12/2018	15:00	6.4	6.4	6.4	90	4.9	8	SW	0.67	17	SSW	3.8	6.4	3.8	2.4	29.53	0.0	0.0	22	0.16	23	0	0.00	0.00	0.04	0.00	0.03	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	15:05	6.4	6.4	6.4	90	4.9	7	SW	0.58	12	WSW	4.1	6.4	4.1	2.7	29.53	0.0	0.0	23	0.16	23	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	15:10	6.3	6.4	6.3	90	4.8	7	SW	0.58	13	WSW	4.1	6.3	4.1	2.6	29.53	0.0	0.0	21	0.15	21	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	15:15	6.3	6.3	6.3	90	4.8	7	SW	0.58	12	SW	4.0	6.3	4.0	2.6	29.53	0.0	0.0	21	0.15	21	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	15:20	6.2	6.3	6.2	90	4.7	7	SW	0.58	12	SSW	3.9	6.2	3.9	2.4	29.53	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	15:25	6.2	6.2	6.2	90	4.6	7	SW	0.58	11	SW	3.8	6.2	3.8	2.3	29.53	0.0	0.0	15	0.11	16	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	15:30	6.2	6.2	6.2	90	4.6	6	SW	0.50	15	SSW	4.1	6.2	4.1	2.6	29.53	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	15:35	6.1	6.2	6.1	90	4.6	7	SSW	0.58	13	SSW	3.8	6.1	3.8	2.2	29.53	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
19/12/2018	15:40	6.1	6.1	6.1	90	4.5	6	SW	0.50	13	SSW	4.0	6.1	4.0	2.4	29.53	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	15:45	6.0	6.1	6.0	91	4.6	7	SSW	0.58	11	SSW	3.6	6.0	3.6	1.9	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	15:50	5.9	6.0	5.9	91	4.6	7	SW	0.58	17	SSW	3.6	5.9	3.6	1.8	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
19/12/2018	15:55	5.9	5.9	5.9	91	4.5	7	SW	0.58	12	SSW	3.5	5.9	3.5	1.8	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:00	5.9	5.9	5.9	91	4.5	7	SW	0.58	14	SSW	3.5	5.9	3.5	1.8	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:05	5.8	5.9	5.8	91	4.5	7	SW	0.58	14	SSW	3.4	5.8	3.4	1.7	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:10	5.8	5.8	5.8	92	4.6	7	SSW	0.58	12	SW	3.3	5.8	3.3	1.6	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
19/12/2018	16:15	5.8	5.8	5.8	92	4.6	7	SW	0.58	16	S	3.3	5.8	3.3	1.6	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:20	5.7	5.8	5.7	92	4.5	9	SSW	0.75	16	SSW	2.7	5.7	2.7	1.1	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:25	5.8	5.8	5.7	92	4.6	8	SSW	0.67	17	S	3.1	5.8	3.1	1.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:30	5.7	5.8	5.7	93	4.7	9	SSW	0.75	17	SSW	2.7	5.8	2.7	1.2	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:35	5.7	5.8	5.7	93	4.7	8	SSW	0.67	16	SSW	3.0	5.8	3.1	1.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:40	5.7	5.8	5.7	93	4.7	8	SSW	0.67	17	SW	3.0	5.8	3.1	1.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:45	5.7	5.8	5.7	93	4.7	7	SSW	0.58	17	SSW	3.3	5.8	3.3	1.6	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:50	5.7	5.7	5.7	93	4.7	7	SW	0.58	14	SSW	3.3	5.8	3.3	1.6	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	16:55	5.7	5.7	5.7	93	4.7	6	SW	0.50	11	SW	3.6	5.8	3.7	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:00	5.7	5.7	5.7	93	4.7	8	SW	0.67	14	S	3.0	5.8	3.1	1.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
19/12/2018	17:05	5.7	5.7	5.7	94	4.8	8	SW	0.67	15	SSW	2.9	5.7	2.9	1.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.3	5.6	5.6	0	5
19/12/2018	17:10	5.7	5.7	5.7	94	4.8	10	SW	0.83	21	SSW	2.4	5.8	2.4	0.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:15	5.7	5.7	5.7	94	4.8	9	SW	0.75	17	SSW	2.7	5.8	2.7	1.2	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:20	5.7	5.7	5.7	94	4.8	8	SW	0.67	16	SW	3.0	5.8	3.1	1.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:25	5.7	5.7	5.7	94	4.8	8	SW	0.67	18	SW	3.0	5.8	3.1	1.4	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:30	5.7	5.7	5.7	94	4.8	9	SW	0.75	17	SSW	2.7	5.8	2.7	1.2	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:35	5.7	5.7	5.7	94	4.8	8	SW	0.67	14	SW	2.9	5.7	2.9	1.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:40	5.7	5.7	5.7	94	4.8	10	SW	0.83	18	SSW	2.3	5.7	2.4	0.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:45	5.7	5.7	5.7	94	4.8	10	SW	0.83	20	SSW	2.3	5.7	2.4	0.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:50	5.7	5.7	5.7	94	4.8	10	SW	0.83	18	WSW	2.4	5.8	2.4	0.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	17:55	5.7	5.7	5.7	94	4.8	10	SW	0.83	20	SW	2.4	5.8	2.4	0.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	18:00	5.7	5.7	5.7	94	4.8	10	SW	0.83	17	WSW	2.4	5.8	2.4	0.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	18:05	5.7	5.7	5.7	94	4.8	9	SW	0.75	18	SW	2.6	5.7	2.7	1.1	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	18:10	5.7	5.7	5.7	94	4.8	10	SW	0.83	15	SSW	2.3	5.7	2.4	0.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	18:15	5.6	5.7	5.6	94	4.7	9	SW	0.75	16	WSW	2.6	5.7	2.6	1.1	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
19/12/2018	18:20	5.6	5.6	5.6	94	4.7	9	SSW	0.75	17	WSW	2.5	5.6	2.6	1.0	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
19/12/2018	18:25	5.6	5.6	5.6	94	4.7	9	SW	0.75	17	WSW	2.5	5.6	2.6	1.0	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
19/12/2018	18:30	5.5	5.6	5.5	94	4.6	10	SW	0.83	17	SSW	2.2	5.6	2.2	0.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	1	5
19/12/2018	18:35	5.4	5.5	5.4	94	4.6	10	SW	0.83	19	SW	2.1	5.5	2.2	0.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	1	5
19/12/2018	18:40	5.4	5.4	5.4	94	4.6	10	SW	0.83	23	SSW	2.1	5.5	2.2	0.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
19/12/2018	18:45	5.4	5.4	5.4	94	4.6	11	SW	0.92	21	SSW	1.8	5.5	1.9	0.4	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
19/12/2018	18:50	5.4	5.4	5.4	94	4.6	9	SW	0.75	17	SSW	2.4	5.5	2.4	0.9	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	1	5
19/12/2018	18:55	5.4	5.4	5.4	94	4.6	11	SW	0.92	23	SSW	1.8	5.5	1.9	0.4	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	11	5
19/12/2018	19:00	5.5	5.5	5.4	95	4.8	10	SW	0.83	16	SSW	2.2	5.6	2.2	0.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5
19/12/2018	19:05	5.5	5.5	5.5	95	4.8	10	SW	0.83	19	SW	2.2	5.6	2.2	0.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5
19/12/2018	19:10	5.6	5.6	5.5	95	4.8	9	SW	0.75	19	SSW	2.5	5.6	2.6	1.0	29.50	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.0	15	5
19/12/2018	19:15	5.6	5.6	5.5	95	4.8	10	SW	0.83	19	SSW	2.2	5.6	2.3	0.8	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5
19/12/2018	19:20	5.6	5.6	5.5	95	4.8	9	SW	0.75	15	SW	2.5	5.6	2.6	1.0	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
19/12/2018	19:25	5.5	5.6	5.5	95	4.8	9	SW	0.75	20	SSW	2.4	5.6	2.5	0.9	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5
19/12/2018	19:30	5.6	5.6	5.5	95	4.8	9	SW	0.75	22	SSW	2.5	5.6	2.6	1.0	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5
19/12/2018	19:35	5.6	5.6	5.6	95	4.9	10	SW	0.83	19	WSW	2.3	5.7	2.3	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5
19/12/2018	19:40	5.7	5.7	5.6	95	4.9	11	SW	0.92	19	SSW	2.1	5.7	2.1	0.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5
19/12/2018	19:45	5.7	5.7	5.6	95	4.9	9	SW	0.75	16	WSW	2.6	5.7	2.7	1.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.0	15	5
19/12/2018	19:50	5.7	5.7	5.7	95	4.9	10	SW	0.83	18	SSW	2.3	5.7	2.4	0.9	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	15	5
19/12/2018	19:55	5.7	5.7	5.7	95	4.9	9	SW	0.75	17	SW	2.6	5.7	2.7	1.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	15	5
19/12/2018	20:00	5.7	5.7	5.7	95	4.9	10	SW	0.83	18	SSW	2.3	5.7	2.4	0.9	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	15	5
19/12/2018	20:05	5.7	5.7	5.7	95	4.9	10	SW	0.83	18	SSW	2.3	5.7	2.4	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	15	5
19/12/2018	20:10	5.7	5.7	5.7	95	4.9	8	SW	0.67	16	SSW	2.9	5.7	2.9	1.0	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	15	5
19/12/2018	20:15	5.7	5.7	5.7	95	5.0	8	SW	0.67	17	SSW	3.0	5.8	3.1	1.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	15	5
19/12/2018	20:20	5.7	5.7	5.7	95	5.0	10	SW	0.83	18	SW	2.4	5.8	2.4	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	15	5
19/12/2018	20:25	5.7	5.7	5.7	95	5.0	11	SW	0.92	19	SW	2.2	5.8	2.2	0.5	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	15	5
19/12/2018	20:30	5.7	5.7	5.7	95	5.0	12	SW	1.00	18	SW	1.9	5.8	2.0	0.3	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	14	5
19/12/2018	20:35	5.7	5.7	5.7	95	5.0	12	SW	1.00	20	WSW	1.9	5.8	2.0	0.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	14	5
19/12/2018	20:40	5.7	5.8	5.7	95	5.0	10	SW	0.83	18	SSW	2.4	5.8	2.4	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	13	5
19/12/2018	20:45	5.7	5.8	5.7	95	5.0	12	SW	1.00	21	WSW	1.9	5.8	2.0	0.3	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	13	5
19/12/2018	20:50	5.8	5.8	5.7	95	5.0	11	SW	0.92	20	SSW	2.2	5.8	2.3	0.6	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	12	5
19/12/2018	20:55	5.8	5.8	5.7	95	5.0	11	SW	0.92	19	SW	2.2	5.8	2.3	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	11	5
19/12/2018	21:00	5.8	5.8	5.8	95	5.0	11	SW	0.92	19	SW	2.2	5.8	2.3	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	10	5
19/12/2018	21:05	5.8	5.8	5.8	95	5.1	10	SW	0.83	16	SW	2.6	5.9	2.6	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	8	5
19/12/2018	21:10	5.8	5.8	5.8	95	5.1	10	SW	0.83	20	W	2.6	5.9	2.6	0.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	6	5
19/12/2018	21:15	5.9	5.9	5.8	95	5.1	10	SW	0.83	17	SSW	2.6	5.9	2.7	0.9	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	4	5
19/12/2018	21:20	5.9	5.9	5.8	95	5.1	11	SW	0.92	21	SW	2.3	5.9	2.4	0.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	3	5
19/12/2018	21:25	5.9	5.9	5.9	95	5.1	10	SW	0.83	16	WSW	2.6	5.9	2.7	0.9	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	6.1	2	5
19/12/2018	21:30	5.9	5.9	5.9	95	5.2	12	SW	1.00	20	SW	2.2	6.0	2.2	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	6.1	0	5
19/12/2018	21:35	5.9	5.9	5.9	95	5.2	9	SW	0.75	17	WSW	2.9	6.0	3.0	1.2	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	6.1	0	5
19/12/2018	21:40	5.9	5.9	5.9	95	5.2	9	SW	0.75	15	WSW	2.9	6.0	3.0	1.2	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	6.1	0	5
19/12/2018	21:45	5.9	6.0	5.9	95	5.2	10	SW	0.83	15	SSW	2.7	6.0	2.7	0.9	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	6.1	0	5
19/12/2018	21:50	5.9	6.0	5.9	95	5.2	10	SW	0.83	19	SSW	2.7	6.0	2.7	0.9	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	6.1	0	5
19/12/2018	21:55	5.9	6.0	5.9	94	5.1	9	SW	0.75	14	WSW	2.9	6.0	3.0	1.2	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
19/12/2018	22:00	5.9	5.9	5.9	94	5.1	9	SW	0.75	16	SSW	2.9	6.0	3.0	1.2	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	22:05	5.9	5.9	5.9	94	5.1	8	SW	0.67	16	SSW	3.2	6.0	3.3	1.4	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	22:10	5.9	5.9	5.9	94	5.1	8	SW	0.67	17	SSW	3.2	6.0	3.3	1.4	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	22:15	5.9	5.9	5.9	94	5.1	10	SW	0.83	20	SSW	2.7	6.0	2.7	0.9	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	22:20	5.9	5.9	5.9	94	5.1	10	SW	0.83	19	WSW	2.7	6.0	2.7	0.9	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	22:25	5.9	5.9	5.9	94	5.1	10	SW	0.83	16	SSW	2.7	6.0	2.7	0.9	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	0	5
19/12/2018	22:30	5.9	5.9	5.9	94	5.1	10	SW	0.83	17	SW	2.7	6.0	2.7	0.9	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	22:35	5.9	5.9	5.9	94	5.1	10	SW	0.83	16	SSW	2.7	6.0	2.7	0.9	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	22:40	5.9	5.9	5.9	94	5.1	9	SW	0.75	14	W	2.9	6.0	3.0	1.2	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	22:45	5.9	5.9	5.9	94	5.0	8	SW	0.67	17	SSW	3.2	5.9	3.2	1.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	22:50	5.9	5.9	5.9	94	5.0	8	SW	0.67	16	SW	3.2	5.9	3.2	1.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
19/12/2018	22:55	5.9	5.9	5.9	94	5.0	9	SW	0.75	13	WSW	2.9	5.9	2.9	1.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:00	5.9	5.9	5.9	94	5.0	9	SW	0.75	14	WSW	2.9	5.9	2.9	1.1	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:05	5.8	5.9	5.8	94	4.9	8	SW	0.67	17	SSW	3.1	5.8	3.1	1.2	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:10	5.8	5.8	5.8	94	4.9	7	SW	0.58	15	SSW	3.3	5.8	3.4	1.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:15	5.8	5.8	5.8	94	4.9	7	SW	0.58	12	WSW	3.3	5.8	3.4	1.3	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:20	5.8	5.8	5.8	94	4.9	7	SW	0.58	14	SW	3.3	5.8	3.4	1.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:25	5.8	5.8	5.8	94	4.9	7	SW	0.58	17	WSW	3.4	5.9	3.5	1.4	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:30	5.8	5.8	5.8	94	4.9	7	SW	0.58	14	SSW	3.4	5.9	3.5	1.4	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:35	5.8	5.8	5.8	94	4.9	8	SW	0.67	15	SSW	3.1	5.9	3.2	1.2	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:40	5.8	5.8	5.8	94	4.9	8	SW	0.67	14	SSW	3.1	5.9	3.2	1.2	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:45	5.8	5.8	5.8	94	4.9	8	SW	0.67	13	SW	3.1	5.9	3.2	1.2	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:50	5.8	5.8	5.8	94	4.9	8	SW	0.67	11	SSW	3.1	5.9	3.2	1.2	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
19/12/2018	23:55	5.8	5.8	5.8	94	4.9	7	SW	0.58	14	SSW	3.3	5.8	3.4	1.3	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:00	5.8	5.8	5.7	94	4.9	8	SW	0.67	16	SSW	3.1	5.8	3.1	1.2	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:05	5.7	5.8	5.7	94	4.8	9	SW	0.75	18	SSW	2.7	5.8	2.7	0.8	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:10	5.7	5.7	5.7	94	4.8	8	SW	0.67	13	SSW	2.9	5.7	2.9	1.0	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:15	5.7	5.7	5.7	94	4.8	8	SW	0.67	14	SSW	2.9	5.7	2.9	1.0	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	00:20	5.7	5.7	5.7	94	4.8	9	SW	0.75	14	SW	2.6	5.7	2.7	0.8	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	00:25	5.7	5.7	5.7	94	4.8	9	SW	0.75	15	SW	2.6	5.7	2.7	0.8	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:30	5.6	5.7	5.6	94	4.7	10	SW	0.83	14	SSW	2.3	5.7	2.3	0.5	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:35	5.6	5.6	5.6	94	4.7	9	SW	0.75	15	SSW	2.6	5.7	2.6	0.7	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:40	5.6	5.6	5.6	94	4.7	9	SW	0.75	15	SSW	2.5	5.6	2.6	0.7	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:45	5.6	5.6	5.6	94	4.7	10	SW	0.83	15	SW	2.2	5.6	2.3	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:50	5.6	5.6	5.6	95	4.8	10	SW	0.83	18	SSW	2.2	5.6	2.3	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	00:55	5.6	5.6	5.6	95	4.8	10	SW	0.83	16	SW	2.2	5.6	2.3	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	01:00	5.6	5.6	5.6	95	4.9	9	SW	0.75	15	WSW	2.6	5.7	2.6	0.7	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	01:05	5.6	5.6	5.6	95	4.9	9	SW	0.75	16	SSW	2.6	5.7	2.6	0.7	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	01:10	5.6	5.6	5.6	95	4.9	7	SW	0.58	12	SSW	3.1	5.7	3.2	1.1	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	01:15	5.6	5.6	5.6	95	4.9	8	SW	0.67	12	SW	2.8	5.7	2.9	0.9	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	01:20	5.6	5.6	5.6	95	4.9	7	SW	0.58	11	SW	3.1	5.7	3.2	1.1	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	01:25	5.6	5.6	5.6	95	4.9	6	SW	0.50	12	SW	3.4	5.7	3.5	1.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	01:30	5.6	5.7	5.6	95	4.9	8	SW	0.67	17	SSW	2.8	5.7	2.9	0.9	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	01:35	5.7	5.7	5.6	95	4.9	8	SW	0.67	15	SSW	2.9	5.7	2.9	1.0	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	01:40	5.7	5.7	5.7	95	4.9	8	SW	0.67	13	SSW	2.9	5.7	2.9	1.0	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	01:45	5.7	5.7	5.7	95	4.9	9	SW	0.75	14	SSW	2.6	5.7	2.7	0.8	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	01:50	5.7	5.7	5.7	95	4.9	8	SW	0.67	15	WSW	2.9	5.7	2.9	1.0	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	01:55	5.7	5.7	5.7	95	4.9	9	SW	0.75	15	SSW	2.6	5.7	2.7	0.8	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	02:00	5.7	5.7	5.7	95	4.9	8	SW	0.67	15	WSW	2.9	5.7	2.9	1.0	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	02:05	5.7	5.7	5.7	94	4.8	9	SW	0.75	14	WSW	2.6	5.7	2.7	0.8	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	02:10	5.6	5.7	5.6	95	4.9	9	SW	0.75	21	SSW	2.6	5.7	2.6	0.7	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
20/12/2018	02:15	5.6	5.7	5.6	95	4.9	8	SW	0.67	16	SSW	2.8	5.7	2.9	0.9	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	02:20	5.6	5.6	5.6	95	4.8	9	SW	0.75	16	SW	2.5	5.6	2.6	0.7	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
20/12/2018	02:25	5.6	5.6	5.6	94	4.7	9	SW	0.75	14	SSW	2.5	5.6	2.6	0.7	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
20/12/2018	02:30	5.6	5.6	5.5	95	4.8	9	SW	0.75	15	SSW	2.5	5.6	2.6	0.7	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	02:35	5.5	5.6	5.5	94	4.6	9	SW	0.75	16	SSW	2.4	5.6	2.5	0.6	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
20/12/2018	02:40	5.4	5.5	5.4	94	4.6	11	SW	0.92	18	WSW	1.8	5.5	1.9	0.2	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
20/12/2018	02:45	5.4	5.4	5.4	94	4.5	9	SW	0.75	15	SSW	2.3	5.4	2.3	0.4	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.3	5.6	5.0	0	5
20/12/2018	02:50	5.3	5.4	5.3	94	4.4	10	SW	0.83	16	SSW	1.9	5.4	2.0	0.2	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.3	5.6	5.0	0	5
20/12/2018	02:55	5.3	5.3	5.3	94	4.4	10	SW	0.83	17	SW	1.9	5.3	1.9	0.1	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
20/12/2018	03:00	5.3	5.3	5.3	95	4.5	9	SW	0.75	15	SW	2.2	5.3	2.2	0.3	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
20/12/2018	03:05	5.3	5.3	5.3	95	4.5	9	SW	0.75	16	SSW	2.2	5.3	2.2	0.3	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
20/12/2018	03:10	5.3	5.3	5.3	95	4.5	9	SW	0.75	15	SSW	2.2	5.3	2.2	0.3	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
20/12/2018	03:15	5.3	5.3	5.3	95	4.6	9	SW	0.75	16	SSW	2.2	5.4	2.3	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	0	5
20/12/2018	03:20	5.3	5.3	5.3	95	4.6	9	SW	0.75	14	SSW	2.2	5.4	2.3	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	2	5
20/12/2018	03:25	5.4	5.4	5.3	95	4.7	9	SW	0.75	16	SSW	2.3	5.4	2.3	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	2	5
20/12/2018	03:30	5.4	5.4	5.4	95	4.7	9	SW	0.75	15	SSW	2.4	5.5	2.4	0.6	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	3	5
20/12/2018	03:35	5.4	5.4	5.4	95	4.7	9	SW	0.75	14	SSW	2.4	5.5	2.4	0.6	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	2	5
20/12/2018	03:40	5.5	5.5	5.4	95	4.8	12	SW	1.00	18	SW	1.7	5.6	1.7	0.1	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.0	0	5
20/12/2018	03:45	5.5	5.5	5.4	95	4.8	10	SW	0.83	19	SW	2.2	5.6	2.2	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
20/12/2018	03:50	5.5	5.5	5.4	95	4.8	11	SW	0.92	20	SW	1.9	5.6	1.9	0.2	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	03:55	5.5	5.5	5.5	95	4.8	11	SW	0.92	19	SSW	1.9	5.6	1.9	0.2	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	04:00	5.6	5.6	5.5	95	4.8	10	SW	0.83	18	WSW	2.2	5.6	2.3	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	04:05	5.6	5.6	5.5	95	4.8	9	SW	0.75	15	SW	2.5	5.6	2.6	0.7	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	04:10	5.6	5.6	5.6	95	4.8	10	SW	0.83	16	SW	2.2	5.6	2.3	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	04:15	5.6	5.6	5.6	95	4.8	11	SW	0.92	17	SW	1.9	5.6	2.0	0.3	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
20/12/2018	04:20	5.5	5.6	5.5	95	4.8	12	SW	1.00	19	WSW	1.7	5.6	1.7	0.1	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
20/12/2018	04:25	5.5	5.6	5.5	95	4.8	13	SW	1.08	20	SSW	1.5	5.6	1.6	-0.1	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
20/12/2018	04:30	5.5	5.5	5.5	95	4.8	11	SW	0.92	21	W	1.9	5.6	1.9	0.2	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	1	5
20/12/2018	04:35	5.4	5.5	5.4	95	4.7	12	SW	1.00	17	SW	1.6	5.5	1.7	0.0	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
20/12/2018	04:40	5.4	5.4	5.4	95	4.7	11	SW	0.92	17	WSW	1.8	5.5	1.9	0.2	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.0	0	5
20/12/2018	04:45	5.4	5.4	5.4	95	4.7	12	SW	1.00	18	SW	1.6	5.5	1.7	0.0	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
20/12/2018	04:50	5.4	5.4	5.4	95	4.7	11	SW	0.92	20	WSW	1.8	5.5	1.9	0.2	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	3.9	5.6	5.6	0	5
20/12/2018	04:55	5.4	5.4	5.4	95	4.7	10	SW	0.83	17	SW	2.1	5.5	2.2	0.3	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:00	5.5	5.5	5.4	95	4.8	10	SW	0.83	17	SSW	2.2	5.6	2.2	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:05	5.5	5.5	5.4	95	4.8	10	SW	0.83	15	SW	2.2	5.6	2.2	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:10	5.5	5.5	5.5	95	4.8	10	SW	0.83	17	WSW	2.2	5.6	2.2	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:15	5.5	5.5	5.5	95	4.8	10	SW	0.83	18	WSW	2.2	5.6	2.2	0.4	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:20	5.6	5.6	5.5	95	4.8	10	SW	0.83	15	SW	2.2	5.6	2.3	0.4	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:25	5.6	5.6	5.5	95	4.8	9	SW	0.75	13	WSW	2.5	5.6	2.6	0.7	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:30	5.6	5.6	5.6	95	4.8	11	SW	0.92	18	SW	1.9	5.6	2.0	0.3	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:35	5.6	5.6	5.6	95	4.8	10	SW	0.83	17	SW	2.2	5.6	2.3	0.4	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:40	5.6	5.6	5.6	95	4.9	10	SW	0.83	16	SW	2.3	5.7	2.3	0.5	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:45	5.6	5.6	5.6	95	4.9	11	SW	0.92	18	WSW	2.0	5.7	2.1	0.3	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	05:50	5.7	5.7	5.6	95	4.9	11	SW	0.92	21	SSW	2.1	5.7	2.1	0.4	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
20/12/2018	05:55	5.7	5.7	5.7	95	4.9	10	SW	0.83	17	WSW	2.3	5.7	2.4	0.6	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	06:00	5.7	5.7	5.7	95	4.9	11	SW	0.92	19	SW	2.1	5.7	2.1	0.4	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	06:05	5.7	5.7	5.7	95	5.0	11	SW	0.92	18	WSW	2.2	5.8	2.2	0.5	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	06:10	5.7	5.7	5.7	95	5.0	11	SW	0.92	18	SW	2.2	5.8	2.2	0.5	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	1	5
20/12/2018	06:15	5.7	5.8	5.7	95	5.0	11	SW	0.92	19	SW	2.2	5.8	2.2	0.5	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	56	5.6	4.4	5.6	5.6	0	5
20/12/2018	06:20	5.7	5.8	5.7	95	5.0	11	SW	0.92	16	W	2.2	5.8	2.2	0.5	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	0	5
20/12/2018	06:25	5.7	5.7	5.7	95	5.0	10	SW	0.83	15	WSW	2.4	5.8	2.4	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	06:30	5.7	5.8	5.7	95	5.0	11	SW	0.92	19	WSW	2.2	5.8	2.2	0.5	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	06:35	5.8	5.8	5.7	95	5.0	10	SW	0.83	17	WSW	2.4	5.8	2.5	0.7	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	3	5
20/12/2018	06:40	5.8	5.8	5.8	95	5.0	10	SW	0.83	16	WSW	2.4	5.8	2.5	0.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	3	5
20/12/2018	06:45	5.8	5.8	5.8	95	5.0	11	SW	0.92	16	WSW	2.2	5.8	2.3	0.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	3	5
20/12/2018	06:50	5.8	5.8	5.8	95	5.0	11	SW	0.92	17	WSW	2.2	5.8	2.3	0.6	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.0	3	5
20/12/2018	06:55	5.8	5.8	5.8	95	5.0	10	SW	0.83	16	SW	2.4	5.8	2.5	0.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.0	4	5
20/12/2018	07:00	5.7	5.8	5.7	95	5.0	10	SW	0.83	15	SSW	2.4	5.8	2.4	0.6	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.0	4	5
20/12/2018	07:05	5.7	5.7	5.7	95	5.0	11	SW	0.92	21	SSW	2.2	5.8	2.2	0.5	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	4	5
20/12/2018	07:10	5.7	5.7	5.7	95	5.0	10	SW	0.83	15	SSW	2.4	5.8	2.4	0.6	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	4	5
20/12/2018	07:15	5.7	5.7	5.7	95	5.0	11	SW	0.92	18	SSW	2.2	5.8	2.2	0.5	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	4	5
20/12/2018	07:20	5.7	5.7	5.7	95	5.0	11	SW	0.92	18	SW	2.2	5.8	2.2	0.5	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	3	5
20/12/2018	07:25	5.7	5.7	5.7	95	5.0	10	SW	0.83	18	SSW	2.4	5.8	2.4	0.6	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	3	5
20/12/2018	07:30	5.7	5.7	5.7	95	5.0	12	SW	1.00	20	WSW	1.9	5.8	2.0	0.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	4	5
20/12/2018	07:35	5.8	5.8	5.7	95	5.0	10	SW	0.83	17	WSW	2.4	5.8	2.5	0.7	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.9	5.6	5.6	4	5
20/12/2018	07:40	5.8	5.8	5.8	95	5.0	11	SW	0.92	19	SW	2.2	5.8	2.3	0.6	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	4	5
20/12/2018	07:45	5.8	5.8	5.8	96	5.2	10	SW	0.83	19	SSW	2.4	5.8	2.5	0.7	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	3	5
20/12/2018	07:50	5.8	5.8	5.8	96	5.2	10	SW	0.83	16	SW	2.4	5.8	2.5	0.7	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	2	5
20/12/2018	07:55	5.8	5.8	5.8	96	5.2	11	SW	0.92	16	SW	2.3	5.9	2.3	0.6	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	1	5
20/12/2018	08:00	5.8	5.9	5.8	96	5.2	10	SW	0.83	18	WSW	2.6	5.9	2.6	0.8	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	08:05	5.9	5.9	5.8	96	5.3	8	SW	0.67	15	SW	3.2	5.9	3.2	1.3	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	0	5
20/12/2018	08:10	5.9	5.9	5.9	96	5.3	10	SW	0.83	16	WSW	2.6	5.9	2.7	0.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	6.1	3	5
20/12/2018	08:15	5.9	5.9	5.9	96	5.3	9	SW	0.75	15	SW	2.9	5.9	2.9	1.1	29.51	0.0	0.0	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	5	5
20/12/2018	08:20	5.9	5.9	5.9	96	5.3	10	SW	0.83	17	WSW	2.6	5.9	2.7	0.9	29.52	0.0	0.0	3	0.02	5	0	0.00	0.00	0.04	0.00	0.00	55	5.6	4.4	5.6	5.6	6	5
20/12/2018	08:25	5.9	5.9	5.9	96	5.4	10	SW	0.83	17	WSW	2.7	6.0	2.7	0.9	29.52	0.0	0.0	1	0.01	5	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	4	5
20/12/2018	08:30	5.9	5.9	5.9	96	5.4	10	SW	0.83	15	SW	2.7	6.0	2.7	1.1	29.52	0.0	0.0	9	0.06	11	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	4	5
20/12/2018	08:35	5.9	6.0	5.9	96	5.4	9	SW	0.75	15	SSW	2.9	6.0	3.0	1.3	29.52	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	5	5
20/12/2018	08:40	6.0	6.0	5.9	96	5.4	8	SW	0.67	13	WSW	3.3	6.1	3.4	1.7	29.52	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	4	5
20/12/2018	08:45	6.0	6.0	5.9	96	5.4	8	SW	0.67	12	SW	3.3	6.1	3.4	1.7	29.52	0.0	0.0	20	0.14	25	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	3	5
20/12/2018	08:50	6.0	6.0	6.0	96	5.4	10	SW	0.83	17	WSW	2.7	6.1	2.8	1.2	29.53	0.0	0.0	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	3	5
20/12/2018	08:55	6.0	6.0	6.0	96	5.4	9	SW	0.75	18	SW	3.0	6.1	3.1	1.4	29.53	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	2	5
20/12/2018	09:00	6.1	6.1	6.0	96	5.5	10	WSW	0.83	17	SW	2.8	6.1	2.8	1.2	29.53	0.0	0.0	14	0.10	18	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	09:05	6.1	6.1	6.1	96	5.5	11	SW	0.92	19	WSW	2.6	6.2	2.7	1.1	29.53	0.0	0.0	10	0.07	12	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	1	5
20/12/2018	09:10	6.2	6.2	6.1	96	5.6	12	SW	1.00	21	SSW	2.4	6.2	2.5	1.0	29.54	0.0	0.0	11	0.08	14	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	2	5
20/12/2018	09:15	6.2	6.2	6.2	96	5.6	11	SW	0.92	18	WSW	2.7	6.2	2.7	1.2	29.54	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	1	5
20/12/2018	09:20	6.2	6.2	6.2	96	5.6	10	SW	0.83	18	W	2.9	6.3	3.1	1.5	29.54	0.0	0.0	16	0.11	16	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	2	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
20/12/2018	09:25	6.2	6.2	6.2	96	5.6	9	SW	0.75	15	SSW	3.2	6.3	3.3	1.7	29.54	0.0	0.0	18	0.13	21	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	7	5
20/12/2018	09:30	6.3	6.3	6.2	96	5.7	7	SW	0.58	11	SW	4.0	6.4	4.1	2.4	29.54	0.0	0.0	24	0.17	26	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	8	5
20/12/2018	09:35	6.3	6.3	6.3	96	5.7	9	SW	0.75	14	SW	3.3	6.4	3.4	2.0	29.55	0.0	0.0	31	0.22	33	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	5	5
20/12/2018	09:40	6.3	6.3	6.3	96	5.7	10	SW	0.83	13	SW	3.1	6.4	3.2	1.7	29.55	0.0	0.0	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	7	5
20/12/2018	09:45	6.4	6.4	6.3	96	5.8	9	SW	0.75	14	SW	3.4	6.5	3.6	2.0	29.55	0.0	0.0	22	0.16	25	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	6.1	10	5
20/12/2018	09:50	6.4	6.4	6.4	96	5.8	9	SW	0.75	15	SSW	3.4	6.5	3.6	1.9	29.56	0.0	0.0	18	0.13	19	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	6.1	13	5
20/12/2018	09:55	6.4	6.4	6.4	96	5.9	8	SW	0.67	12	SW	3.8	6.6	3.9	2.2	29.56	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	6.1	14	5
20/12/2018	10:00	6.4	6.5	6.4	96	5.9	6	SW	0.50	11	WSW	4.4	6.6	4.6	2.8	29.56	0.0	0.0	19	0.14	25	0	0.00	0.00	0.04	0.00	0.03	54	5.6	5.6	5.6	6.1	14	5
20/12/2018	10:05	6.4	6.5	6.4	96	5.9	6	SW	0.50	11	WSW	4.4	6.6	4.6	2.9	29.55	0.0	0.0	33	0.24	35	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	6.1	13	5
20/12/2018	10:10	6.6	6.6	6.5	96	6.0	6	SW	0.50	11	SW	4.6	6.7	4.7	4.6	29.55	0.0	0.0	46	0.33	56	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	6.7	13	5
20/12/2018	10:15	6.7	6.7	6.6	96	6.1	6	SW	0.50	9	SSW	4.7	6.8	4.8	4.9	29.56	0.0	0.0	59	0.42	62	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.2	12	5
20/12/2018	10:20	6.8	6.8	6.7	95	6.1	5	SW	0.42	9	SW	5.3	6.9	5.4	6.3	29.56	0.0	0.0	101	0.72	146	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.8	12	5
20/12/2018	10:25	6.9	6.9	6.8	95	6.2	6	SW	0.50	9	SW	5.1	7.1	5.2	5.6	29.56	0.0	0.0	72	0.52	97	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.8	9	5
20/12/2018	10:30	7.1	7.1	6.9	95	6.3	8	SW	0.67	13	WSW	4.6	7.2	4.7	5.9	29.56	0.0	0.0	121	0.87	141	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.8	4	5
20/12/2018	10:35	7.2	7.2	7.1	94	6.3	7	SW	0.58	12	WSW	5.1	7.3	5.2	6.1	29.56	0.0	0.0	92	0.66	114	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.8	2	5
20/12/2018	10:40	7.3	7.3	7.2	93	6.2	8	SW	0.67	14	WSW	4.8	7.4	4.9	5.4	29.56	0.0	0.0	77	0.55	95	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.8	0	5
20/12/2018	10:45	7.3	7.3	7.3	93	6.3	8	SW	0.67	15	WSW	4.9	7.4	5.0	5.3	29.56	0.0	0.0	63	0.45	100	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.8	0	5
20/12/2018	10:50	7.3	7.3	7.3	92	6.1	10	SW	0.83	15	W	4.3	7.4	4.3	5.7	29.56	0.0	0.0	123	0.88	142	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.8	0	5
20/12/2018	10:55	7.4	7.4	7.3	92	6.2	11	SW	0.92	18	SW	4.1	7.5	4.2	5.7	29.56	0.0	0.0	142	1.02	160	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:00	7.4	7.4	7.4	91	6.1	9	SW	0.75	16	SW	4.7	7.5	4.8	5.1	29.56	0.0	0.0	65	0.47	77	0	0.00	0.00	0.04	0.00	0.05	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:05	7.4	7.4	7.4	91	6.1	10	SW	0.83	15	W	4.4	7.5	4.4	4.8	29.56	0.0	0.0	72	0.52	74	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:10	7.4	7.4	7.4	91	6.1	7	SW	0.58	12	SW	5.4	7.5	5.4	5.7	29.56	0.0	0.0	63	0.45	72	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:15	7.4	7.4	7.4	91	6.1	7	SW	0.58	12	WSW	5.4	7.5	5.4	5.2	29.56	0.0	0.0	45	0.32	49	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:20	7.4	7.4	7.4	91	6.0	6	SW	0.50	12	SW	5.6	7.4	5.7	5.4	29.56	0.0	0.0	42	0.30	46	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:25	7.4	7.4	7.4	92	6.2	7	SSW	0.58	10	SSW	5.3	7.5	5.4	5.5	29.56	0.0	0.0	56	0.40	62	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:30	7.4	7.4	7.4	92	6.2	8	SSW	0.67	12	SSW	5.0	7.5	5.1	5.0	29.56	0.0	0.0	48	0.34	53	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:35	7.4	7.4	7.4	92	6.2	8	SSW	0.67	15	SSW	5.0	7.5	5.1	4.6	29.56	0.0	0.0	32	0.23	33	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:40	7.4	7.4	7.4	92	6.2	6	SSW	0.50	11	SSW	5.6	7.5	5.7	5.3	29.56	0.0	0.0	38	0.27	54	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:45	7.4	7.4	7.4	92	6.2	8	SW	0.67	14	SSW	5.0	7.5	5.1	5.1	29.56	0.0	0.0	51	0.37	54	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:50	7.4	7.4	7.4	91	6.1	8	SW	0.67	13	SSW	5.1	7.5	5.1	5.0	29.56	0.0	0.0	50	0.36	54	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	0	5
20/12/2018	11:55	7.6	7.6	7.4	91	6.2	5	SW	0.42	12	SSW	6.1	7.6	6.2	6.8	29.56	0.0	0.0	79	0.57	97	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.7	5.6	8.3	0	5
20/12/2018	12:00	7.6	7.6	7.6	91	6.2	6	SSW	0.50	12	SSW	5.8	7.7	5.9	6.4	29.56	0.0	0.0	77	0.55	97	0	0.00	0.00	0.04	0.00	0.03	53	5.6	6.7	5.6	8.3	0	5
20/12/2018	12:05	7.7	7.7	7.6	91	6.3	6	SSW	0.50	11	SW	5.9	7.7	6.0	6.6	29.56	0.0	0.0	78	0.56	84	0	0.00	0.00	0.04	0.00	0.00	53	5.6	7.2	5.6	8.3	0	5
20/12/2018	12:10	7.8	7.8	7.7	91	6.4	6	SW	0.50	9	SW	6.1	7.8	6.1	6.7	29.56	0.0	0.0	79	0.57	98	0	0.00	0.00	0.04	0.00	0.00	53	5.6	7.2	5.6	8.3	0	5
20/12/2018	12:15	7.8	7.8	7.8	90	6.3	8	SW	0.67	15	SSW	5.5	7.9	5.6	5.8	29.56	0.0	0.0	62	0.44	72	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.7	5.6	8.3	0	5
20/12/2018	12:20	7.8	7.8	7.8	90	6.3	8	SW	0.67	15	SW	5.5	7.9	5.6	5.9	29.56	0.0	0.0	67	0.48	72	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.7	5.6	8.3	0	5
20/12/2018	12:25	7.9	7.9	7.8	90	6.3	7	SW	0.58	13	SSW	5.9	7.9	5.9	6.7	29.56	0.0	0.0	85	0.61	114	0	0.00	0.00	0.04	0.00	0.00	53	5.6	7.2	5.6	8.3	0	5
20/12/2018	12:30	7.9	7.9	7.9	90	6.4	6	SW	0.50	11	W	6.3	8.0	6.3	7.4	29.56	0.0	0.0	101	0.72	116	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.8	5.6	8.9	0	5
20/12/2018	12:35	8.1	8.1	7.9	89	6.4	8	SW	0.67	16	SW	5.8	8.2	5.9	7.8	29.56	0.0	0.0	149	1.07	197	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.8	5.6	8.9	0	5
20/12/2018	12:40	8.3	8.3	8.1	88	6.4	8	SW	0.67	17	WSW	6.0	8.3	6.1	7.8	29.55	0.0	0.0	141	1.01	169	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.8	5.6	8.9	0	5
20/12/2018	12:45	8.3	8.3	8.3	87	6.2	10	SW	0.83	17	SW	5.4	8.3	5.4	6.5	29.56	0.0	0.0	108	0.77	158	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.2	5.6	8.9	0	5
20/12/2018	12:50	8.3	8.3	8.3	87	6.3	9	SW	0.75	17	SW	5.7	8.4	5.8	7.1	29.55	0.0	0.0	119	0.85	171	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.2	5.6	8.9	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
20/12/2018	12:55	8.2	8.3	8.2	87	6.2	11	WSW	0.92	19	SSW	5.1	8.3	5.1	5.3	29.55	0.0	0.0	65	0.47	86	0	0.00	0.00	0.04	0.00	0.00	52	5.6	6.7	5.6	8.3	0	5
20/12/2018	13:00	8.1	8.2	8.1	87	6.1	11	WSW	0.92	23	SSW	4.9	8.2	5.0	4.8	29.55	0.0	0.0	46	0.33	60	0	0.00	0.00	0.04	0.00	0.05	52	5.6	6.1	5.6	8.3	0	5
20/12/2018	13:05	8.0	8.1	8.0	87	6.0	10	WSW	0.83	19	WSW	5.1	8.1	5.1	4.5	29.56	0.0	0.0	29	0.21	33	0	0.00	0.00	0.04	0.00	0.00	52	5.6	6.1	5.6	7.8	0	5
20/12/2018	13:10	7.9	8.0	7.9	87	5.9	11	WSW	0.92	20	SW	4.7	8.0	4.8	4.4	29.56	0.0	0.0	35	0.25	46	0	0.00	0.00	0.04	0.00	0.00	52	5.6	6.1	5.6	7.8	0	5
20/12/2018	13:15	7.9	7.9	7.9	88	6.1	12	SW	1.00	22	SW	4.5	8.0	4.6	4.6	29.56	0.0	0.0	54	0.39	81	0	0.00	0.00	0.04	0.00	0.00	52	5.6	6.1	5.6	7.8	15	5
20/12/2018	13:20	7.9	7.9	7.9	89	6.2	9	WSW	0.75	19	WSW	5.2	7.9	5.3	5.9	29.56	0.0	0.0	82	0.59	97	0	0.00	0.00	0.04	0.00	0.00	52	5.6	6.7	5.6	7.2	15	5
20/12/2018	13:25	7.9	7.9	7.9	89	6.2	9	WSW	0.75	17	SW	5.2	7.9	5.3	5.4	29.56	0.0	0.0	58	0.42	76	0	0.00	0.00	0.04	0.00	0.00	52	5.6	6.1	5.6	7.8	15	5
20/12/2018	13:30	7.9	7.9	7.9	89	6.2	12	W	1.00	22	SW	4.4	7.9	4.4	3.9	29.55	0.0	0.0	27	0.19	35	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	7.8	13	5
20/12/2018	13:35	7.8	7.9	7.8	88	6.0	13	WSW	1.08	25	W	4.1	7.9	4.2	3.6	29.55	0.0	0.0	26	0.19	33	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	7.8	9	5
20/12/2018	13:40	7.8	7.8	7.8	88	5.9	13	WSW	1.08	27	WNW	4.1	7.8	4.1	3.6	29.55	0.0	0.0	27	0.19	30	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	7.8	3	5
20/12/2018	13:45	7.7	7.8	7.7	88	5.9	12	WSW	1.00	24	SSW	4.2	7.8	4.3	3.8	29.56	0.0	0.0	31	0.22	32	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	7.8	0	5
20/12/2018	13:50	7.6	7.7	7.6	88	5.7	12	WSW	1.00	21	SW	4.1	7.6	4.1	3.9	29.56	0.0	0.0	43	0.31	67	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	7.8	0	5
20/12/2018	13:55	7.7	7.7	7.6	89	6.0	9	WSW	0.75	20	WSW	5.0	7.7	5.1	5.9	29.56	0.0	0.0	99	0.71	109	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	7.8	6	5
20/12/2018	14:00	7.7	7.7	7.7	89	6.0	9	SW	0.75	18	SW	5.1	7.8	5.1	5.4	29.55	0.0	0.0	69	0.49	88	0	0.00	0.00	0.04	0.00	0.05	53	6.1	6.1	5.6	7.8	8	5
20/12/2018	14:05	7.7	7.7	7.7	90	6.2	9	WSW	0.75	16	WSW	5.1	7.8	5.1	5.3	29.56	0.0	0.0	61	0.44	88	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	7.8	14	5
20/12/2018	14:10	7.7	7.7	7.7	90	6.2	8	SW	0.67	16	WSW	5.4	7.8	5.4	5.4	29.56	0.0	0.0	51	0.37	69	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	7.2	14	5
20/12/2018	14:15	7.7	7.7	7.7	90	6.1	9	SW	0.75	19	SSW	5.0	7.7	5.1	5.2	29.55	0.0	0.0	58	0.42	69	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	7.2	14	5
20/12/2018	14:20	7.7	7.7	7.7	90	6.1	12	SW	1.00	22	WSW	4.2	7.7	4.2	3.8	29.55	0.0	0.0	33	0.24	49	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	7.2	13	5
20/12/2018	14:25	7.6	7.7	7.6	89	5.9	10	SW	0.83	25	WNW	4.6	7.6	4.6	3.3	29.55	0.0	0.0	18	0.13	19	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	5.6	7.2	12	5
20/12/2018	14:30	7.5	7.6	7.5	89	5.8	9	WSW	0.75	15	SW	4.8	7.6	4.8	3.4	29.55	0.0	0.0	18	0.13	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	5.6	7.2	9	5
20/12/2018	14:35	7.4	7.5	7.4	89	5.7	9	SW	0.75	15	WSW	4.7	7.5	4.8	3.3	29.55	0.0	0.0	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	7.2	4	5
20/12/2018	14:40	7.4	7.4	7.4	89	5.7	11	SW	0.92	19	WSW	4.1	7.4	4.2	2.8	29.56	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	7.2	3	5
20/12/2018	14:45	7.3	7.3	7.3	89	5.6	10	WSW	0.83	20	W	4.3	7.4	4.3	2.9	29.56	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	5.6	7.2	1	5
20/12/2018	14:50	7.3	7.3	7.3	90	5.7	9	SW	0.75	19	WSW	4.5	7.3	4.6	3.1	29.56	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	5.6	7.2	0	5
20/12/2018	14:55	7.3	7.3	7.3	90	5.7	13	SW	1.08	21	WSW	3.5	7.3	3.6	2.3	29.55	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	5.6	7.2	0	5
20/12/2018	15:00	7.3	7.3	7.2	90	5.7	11	SW	0.92	20	WSW	3.9	7.3	4.0	2.7	29.55	0.0	0.0	17	0.12	23	0	0.00	0.00	0.04	0.00	0.03	54	6.1	4.4	5.6	7.2	0	5
20/12/2018	15:05	7.2	7.3	7.2	90	5.6	11	SW	0.92	18	W	3.8	7.2	3.9	2.8	29.55	0.0	0.0	28	0.20	28	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	7.2	0	5
20/12/2018	15:10	7.2	7.2	7.2	90	5.6	12	SW	1.00	22	WSW	3.6	7.2	3.7	2.6	29.55	0.0	0.0	27	0.19	28	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	7.2	0	5
20/12/2018	15:15	7.2	7.2	7.1	89	5.5	13	SW	1.08	23	SW	3.4	7.2	3.4	2.3	29.55	0.0	0.0	24	0.17	25	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	6.7	0	5
20/12/2018	15:20	7.1	7.2	7.1	89	5.4	13	SW	1.08	21	W	3.3	7.2	3.4	2.2	29.55	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	6.7	0	5
20/12/2018	15:25	7.1	7.1	7.1	90	5.5	10	WSW	0.83	20	WSW	3.9	7.1	4.0	2.6	29.55	0.0	0.0	9	0.06	14	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	6.7	0	5
20/12/2018	15:30	7.1	7.1	7.0	90	5.5	12	SW	1.00	23	WSW	3.4	7.1	3.5	2.2	29.55	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	5.6	6.7	0	5
20/12/2018	15:35	7.0	7.1	7.0	90	5.5	10	SW	0.83	18	WSW	3.9	7.1	3.9	2.5	29.55	0.0	0.0	4	0.03	5	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	5.6	6.7	0	5
20/12/2018	15:40	6.9	7.0	6.9	90	5.4	11	SW	0.92	19	WSW	3.6	7.0	3.6	2.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	5.6	6.7	0	5
20/12/2018	15:45	6.9	6.9	6.9	90	5.4	11	SW	0.92	22	W	3.6	7.0	3.6	2.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	5.6	6.7	0	5
20/12/2018	15:50	6.9	6.9	6.9	91	5.5	11	SW	0.92	23	SSW	3.5	6.9	3.6	2.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	5.6	6.7	0	5
20/12/2018	15:55	6.9	6.9	6.9	91	5.5	11	SW	0.92	23	SSW	3.5	6.9	3.6	2.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.7	0	5
20/12/2018	16:00	6.8	6.9	6.8	91	5.5	10	SW	0.83	17	WSW	3.7	6.9	3.8	2.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	54	5.6	4.4	5.6	6.7	0	5
20/12/2018	16:05	6.8	6.8	6.8	91	5.5	10	SW	0.83	16	WSW	3.7	6.9	3.8	2.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	16:10	6.8	6.8	6.8	91	5.4	10	SW	0.83	21	WSW	3.6	6.8	3.7	2.2	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	16:15	6.7	6.8	6.7	91	5.4	9	SW	0.75	17	WSW	3.8	6.8	3.9	2.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	16:20	6.7	6.8	6.7	91	5.4	10	SW	0.83	17	W	3.6	6.8	3.6	2.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
20/12/2018	16:25	6.7	6.7	6.7	91	5.3	10	WSW	0.83	16	WSW	3.5	6.7	3.6	2.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	16:30	6.7	6.7	6.7	92	5.5	8	WSW	0.67	17	WSW	4.1	6.7	4.2	2.6	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	16:35	6.6	6.7	6.6	92	5.4	8	SW	0.67	16	SSW	4.1	6.7	4.1	2.5	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	16:40	6.6	6.6	6.6	92	5.3	10	WSW	0.83	19	SW	3.4	6.6	3.4	1.9	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	16:45	6.6	6.6	6.6	92	5.3	9	SW	0.75	16	SW	3.7	6.6	3.7	2.2	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	16:50	6.5	6.6	6.5	92	5.3	10	SW	0.83	16	SW	3.3	6.6	3.3	1.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	16:55	6.5	6.5	6.5	91	5.1	9	SW	0.75	17	SW	3.6	6.6	3.6	2.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	17:00	6.4	6.5	6.4	91	5.1	9	SW	0.75	15	SSW	3.5	6.5	3.6	2.0	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	17:05	6.4	6.4	6.4	91	5.0	8	SW	0.67	12	WSW	3.8	6.4	3.8	2.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	17:10	6.4	6.4	6.4	91	5.0	8	SW	0.67	15	SSW	3.8	6.4	3.8	2.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	17:15	6.4	6.4	6.4	92	5.2	9	SW	0.75	19	SW	3.4	6.4	3.5	1.9	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	17:20	6.3	6.4	6.3	92	5.1	8	SW	0.67	14	SW	3.7	6.4	3.8	2.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	17:25	6.4	6.4	6.3	92	5.2	10	SW	0.83	17	WSW	3.2	6.4	3.2	1.7	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	17:30	6.4	6.4	6.4	92	5.2	10	SW	0.83	20	WSW	3.2	6.4	3.2	1.7	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	17:35	6.4	6.4	6.4	92	5.2	12	SW	1.00	24	WSW	2.8	6.5	2.8	1.4	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	17:40	6.5	6.5	6.4	92	5.3	12	WSW	1.00	22	WSW	2.8	6.6	2.9	1.5	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	17:45	6.6	6.6	6.5	93	5.6	12	WSW	1.00	23	SW	2.9	6.7	3.1	1.7	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	17:50	6.6	6.6	6.6	92	5.4	13	SW	1.08	26	SW	2.7	6.7	2.8	1.4	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	1	5
20/12/2018	17:55	6.7	6.7	6.6	92	5.5	14	SW	1.17	25	WSW	2.6	6.7	2.7	1.3	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	18:00	6.7	6.7	6.7	92	5.5	13	SW	1.08	20	WSW	2.8	6.7	2.8	1.4	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	18:05	6.7	6.7	6.7	93	5.6	13	SW	1.08	23	SSW	2.8	6.8	2.9	1.5	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	18:10	6.7	6.7	6.7	93	5.6	12	SW	1.00	21	SW	3.0	6.8	3.1	1.7	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	18:15	6.7	6.7	6.7	93	5.6	14	SW	1.17	25	SW	2.6	6.8	2.7	1.4	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	1	5
20/12/2018	18:20	6.7	6.7	6.7	93	5.6	13	SW	1.08	22	SW	2.8	6.8	2.9	1.5	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	18:25	6.7	6.7	6.7	93	5.6	14	WSW	1.17	24	WSW	2.6	6.8	2.7	1.4	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	1	5
20/12/2018	18:30	6.7	6.7	6.6	93	5.6	14	SW	1.17	25	W	2.6	6.8	2.7	1.4	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	1	5
20/12/2018	18:35	6.6	6.7	6.6	93	5.6	13	SW	1.08	22	WSW	2.7	6.7	2.8	1.4	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	18:40	6.6	6.7	6.6	93	5.6	12	SW	1.00	27	W	2.9	6.7	3.1	1.7	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	0	5
20/12/2018	18:45	6.6	6.6	6.6	93	5.6	14	WSW	1.17	27	W	2.6	6.7	2.7	1.3	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	5	5
20/12/2018	18:50	6.7	6.7	6.6	94	5.8	14	SW	1.17	28	SSW	2.6	6.8	2.7	1.4	29.53	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	15	5
20/12/2018	18:55	6.6	6.7	6.6	94	5.7	14	SW	1.17	28	SSW	2.6	6.7	2.7	1.3	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	15	5
20/12/2018	19:00	6.6	6.6	6.6	94	5.7	14	SW	1.17	24	WSW	2.5	6.7	2.6	1.3	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	54	5.6	4.4	5.6	5.6	15	5
20/12/2018	19:05	6.6	6.6	6.6	94	5.7	13	SW	1.08	25	WSW	2.7	6.7	2.8	1.4	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	5.6	15	5
20/12/2018	19:10	6.5	6.6	6.5	94	5.6	15	SW	1.25	24	WSW	2.2	6.6	2.3	1.1	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	15	5
20/12/2018	19:15	6.5	6.5	6.5	94	5.6	14	SW	1.17	28	W	2.4	6.6	2.6	1.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	15	5
20/12/2018	19:20	6.5	6.5	6.5	94	5.6	15	SW	1.25	29	SSW	2.2	6.6	2.3	1.1	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
20/12/2018	19:25	6.5	6.5	6.5	94	5.6	16	WSW	1.33	27	SW	2.1	6.6	2.2	0.9	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
20/12/2018	19:30	6.6	6.6	6.5	95	5.8	16	SW	1.33	28	WSW	2.2	6.7	2.3	1.1	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
20/12/2018	19:35	6.5	6.6	6.5	95	5.8	15	SW	1.25	23	SSW	2.2	6.6	2.3	1.1	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
20/12/2018	19:40	6.5	6.5	6.5	95	5.8	14	WSW	1.17	24	W	2.4	6.6	2.6	1.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	15	5
20/12/2018	19:45	6.4	6.5	6.4	95	5.7	15	WSW	1.25	25	WSW	2.2	6.6	2.3	1.0	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	15	5
20/12/2018	19:50	6.4	6.5	6.4	95	5.7	13	SW	1.08	21	W	2.6	6.6	2.7	1.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
20/12/2018	19:55	6.4	6.4	6.4	95	5.7	13	SW	1.08	24	SW	2.6	6.6	2.7	1.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	15	5
20/12/2018	20:00	6.4	6.4	6.4	95	5.7	15	SW	1.25	26	SW	2.2	6.6	2.3	1.0	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
20/12/2018	20:05	6.4	6.4	6.4	95	5.7	15	SW	1.25	25	SW	2.2	6.6	2.3	1.0	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
20/12/2018	20:10	6.4	6.4	6.4	95	5.7	13	SW	1.08	26	WSW	2.6	6.6	2.7	1.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
20/12/2018	20:15	6.4	6.5	6.4	95	5.7	14	SW	1.17	28	W	2.4	6.6	2.5	1.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
20/12/2018	20:20	6.5	6.5	6.4	95	5.8	14	WSW	1.17	21	WSW	2.4	6.6	2.6	1.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
20/12/2018	20:25	6.5	6.5	6.5	95	5.8	13	SW	1.08	21	SSW	2.6	6.6	2.7	1.3	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	14	5
20/12/2018	20:30	6.5	6.5	6.5	95	5.8	11	SW	0.92	20	WSW	3.1	6.6	3.2	1.7	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	14	5
20/12/2018	20:35	6.5	6.5	6.5	95	5.8	10	SW	0.83	18	SSW	3.3	6.6	3.4	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	13	5
20/12/2018	20:40	6.5	6.5	6.5	95	5.8	11	SW	0.92	23	SW	3.1	6.6	3.2	1.7	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	12	5
20/12/2018	20:45	6.5	6.5	6.5	95	5.8	10	WSW	0.83	18	WSW	3.3	6.6	3.4	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	11	5
20/12/2018	20:50	6.5	6.5	6.4	95	5.8	11	SW	0.92	21	SW	3.1	6.6	3.2	1.7	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	9	5
20/12/2018	20:55	6.5	6.5	6.5	95	5.8	10	WSW	0.83	19	SW	3.3	6.6	3.4	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	5	5
20/12/2018	21:00	6.5	6.5	6.5	95	5.8	12	WSW	1.00	22	WSW	2.8	6.6	2.9	1.6	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	3	5
20/12/2018	21:05	6.5	6.5	6.5	95	5.8	11	SW	0.92	19	SW	3.1	6.6	3.2	1.7	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	2	5
20/12/2018	21:10	6.5	6.5	6.5	95	5.8	12	SW	1.00	21	WSW	2.8	6.6	2.9	1.6	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	1	5
20/12/2018	21:15	6.5	6.6	6.5	95	5.8	10	WSW	0.83	24	SSW	3.3	6.6	3.4	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	21:20	6.5	6.6	6.5	95	5.8	10	SW	0.83	19	W	3.3	6.6	3.4	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	21:25	6.5	6.6	6.5	95	5.8	9	SW	0.75	20	SW	3.6	6.6	3.7	2.1	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	0	5
20/12/2018	21:30	6.6	6.6	6.5	95	5.8	10	SW	0.83	17	SW	3.4	6.7	3.5	2.0	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	1	5
20/12/2018	21:35	6.6	6.6	6.6	95	5.8	9	SW	0.75	22	WSW	3.7	6.7	3.8	2.2	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	1	5
20/12/2018	21:40	6.6	6.6	6.6	95	5.8	12	SW	1.00	22	W	2.9	6.7	3.0	1.6	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.7	0	5
20/12/2018	21:45	6.6	6.6	6.6	95	5.9	12	SW	1.00	20	WSW	2.9	6.7	3.1	1.7	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.7	0	5
20/12/2018	21:50	6.6	6.6	6.6	95	5.9	11	SW	0.92	18	W	3.2	6.7	3.3	1.8	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.7	0	5
20/12/2018	21:55	6.7	6.7	6.6	95	5.9	10	SW	0.83	21	W	3.5	6.8	3.6	2.1	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.7	0	5
20/12/2018	22:00	6.7	6.7	6.6	95	5.9	11	SW	0.92	19	SW	3.2	6.8	3.3	1.9	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.7	0	5
20/12/2018	22:05	6.7	6.7	6.6	95	5.9	10	SW	0.83	19	W	3.5	6.8	3.6	2.1	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.7	0	5
20/12/2018	22:10	6.7	6.7	6.7	95	5.9	12	SW	1.00	23	W	3.0	6.8	3.1	1.7	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.7	0	5
20/12/2018	22:15	6.7	6.7	6.7	95	6.0	12	SW	1.00	22	WSW	3.1	6.8	3.2	1.8	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.7	1	5
20/12/2018	22:20	6.7	6.7	6.7	95	6.0	10	SW	0.83	16	WSW	3.6	6.8	3.7	2.2	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	5	5
20/12/2018	22:25	6.7	6.7	6.7	95	6.0	11	SW	0.92	17	W	3.3	6.8	3.4	1.9	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	9	5
20/12/2018	22:30	6.7	6.7	6.7	95	6.0	10	SW	0.83	17	SW	3.6	6.8	3.7	2.2	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	8	5
20/12/2018	22:35	6.7	6.7	6.7	95	5.9	8	SW	0.67	12	SW	4.1	6.8	4.2	2.6	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	6	5
20/12/2018	22:40	6.7	6.7	6.7	95	5.9	7	SW	0.58	11	SSW	4.4	6.8	4.6	2.8	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	4	5
20/12/2018	22:45	6.7	6.7	6.7	95	5.9	7	SSW	0.58	14	SSW	4.4	6.8	4.6	2.8	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	3	5
20/12/2018	22:50	6.6	6.7	6.6	95	5.9	7	S	0.58	12	S	4.4	6.7	4.5	2.8	29.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	3	5
20/12/2018	22:55	6.6	6.6	6.6	95	5.9	6	S	0.50	9	S	4.7	6.7	4.8	3.1	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	2	5
20/12/2018	23:00	6.6	6.6	6.6	95	5.8	4	S	0.33	8	S	5.4	6.7	5.5	3.8	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	1	5
20/12/2018	23:05	6.6	6.6	6.6	95	5.8	6	S	0.50	10	SSW	4.6	6.7	4.7	3.0	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	1	5
20/12/2018	23:10	6.6	6.6	6.5	95	5.8	5	SSW	0.42	10	S	5.0	6.7	5.1	3.4	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
20/12/2018	23:15	6.5	6.6	6.5	95	5.8	6	SSW	0.50	11	S	4.5	6.6	4.6	2.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.7	0	5
20/12/2018	23:20	6.5	6.5	6.5	95	5.8	5	S	0.42	11	S	4.9	6.6	5.0	3.3	29.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
20/12/2018	23:25	6.5	6.5	6.5	95	5.8	6	S	0.50	9	SSW	4.5	6.6	4.6	2.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.7	0	5
20/12/2018	23:30	6.5	6.5	6.5	95	5.8	7	SSW	0.58	11	SSW	4.2	6.6	4.3	2.6	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.7	0	5
20/12/2018	23:35	6.5	6.5	6.4	95	5.8	6	SW	0.50	11	SW	4.5	6.6	4.6	2.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
20/12/2018	23:40	6.5	6.5	6.5	95	5.8	6	SW	0.50	10	SW	4.5	6.6	4.6	2.9	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	1	5
20/12/2018	23:45	6.6	6.6	6.5	95	5.8	7	SSW	0.58	14	SSW	4.3	6.7	4.4	2.7	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	3	5
20/12/2018	23:50	6.5	6.6	6.5	95	5.8	7	SSW	0.58	13	S	4.2	6.6	4.3	2.6	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	3	5
20/12/2018	23:55	6.5	6.6	6.5	95	5.8	7	SSW	0.58	14	S	4.2	6.6	4.3	2.6	29.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	2	5
21/12/2018	00:00	6.4	6.5	6.4	95	5.7	7	SSW	0.58	12	SSW	4.2	6.6	4.3	2.6	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	1	5
21/12/2018	00:05	6.4	6.5	6.4	95	5.7	8	SSW	0.67	15	SSW	3.8	6.6	3.9	2.3	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:10	6.4	6.5	6.4	95	5.7	7	SSW	0.58	14	SSW	4.2	6.6	4.3	2.6	29.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:15	6.4	6.5	6.4	95	5.7	8	SSW	0.67	16	SSW	3.8	6.6	3.9	2.3	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:20	6.4	6.4	6.4	95	5.7	7	SW	0.58	15	SSW	4.2	6.6	4.3	2.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:25	6.4	6.4	6.4	95	5.7	7	SW	0.58	12	SSW	4.2	6.6	4.3	2.6	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:30	6.4	6.4	6.4	95	5.7	6	SSW	0.50	15	SSW	4.4	6.6	4.6	2.8	29.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:35	6.4	6.4	6.4	95	5.7	9	SSW	0.75	14	SSW	3.5	6.6	3.6	2.1	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:40	6.4	6.4	6.4	95	5.6	7	SW	0.58	16	SSW	4.1	6.5	4.2	2.5	29.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:45	6.4	6.4	6.4	95	5.6	7	SSW	0.58	13	SSW	4.1	6.5	4.2	2.5	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:50	6.3	6.4	6.3	95	5.6	6	SSW	0.50	13	SSW	4.3	6.4	4.4	2.7	29.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	00:55	6.3	6.3	6.3	95	5.6	6	SW	0.50	10	SSW	4.3	6.4	4.4	2.7	29.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	01:00	6.3	6.3	6.3	95	5.5	7	SSW	0.58	12	SSE	4.0	6.3	4.1	2.3	29.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	01:05	6.2	6.3	6.2	95	5.5	6	SSW	0.50	10	SW	4.2	6.3	4.2	2.5	29.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	01:10	6.2	6.3	6.2	95	5.5	5	SW	0.42	10	SSW	4.6	6.3	4.6	2.9	29.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	01:15	6.2	6.2	6.2	95	5.4	5	SW	0.42	11	S	4.5	6.2	4.6	2.8	29.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	01:20	6.2	6.2	6.2	95	5.4	5	SW	0.42	10	SSW	4.5	6.2	4.6	2.8	29.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.1	0	5
21/12/2018	01:25	6.1	6.2	6.1	95	5.4	5	SW	0.42	13	SSW	4.4	6.2	4.5	2.8	29.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	0	5
21/12/2018	01:30	6.1	6.2	6.1	95	5.4	6	SW	0.50	11	SSW	4.1	6.2	4.1	2.4	29.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	0	5
21/12/2018	01:35	6.1	6.1	6.1	95	5.3	5	WSW	0.42	10	SSW	4.4	6.1	4.4	2.7	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	0	5
21/12/2018	01:40	6.1	6.1	6.1	95	5.3	3	SSW	0.25	7	SSW	5.4	6.1	5.4	3.7	29.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	0	5
21/12/2018	01:45	6.0	6.1	6.0	95	5.3	6	SSW	0.50	11	S	3.9	6.1	4.0	2.3	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	0	5
21/12/2018	01:50	6.0	6.0	6.0	95	5.3	7	SW	0.58	14	SSW	3.6	6.1	3.7	1.9	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	0	5
21/12/2018	01:55	5.9	6.0	5.9	95	5.2	6	SW	0.50	14	SSW	3.8	6.0	3.9	2.2	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	0	5
21/12/2018	02:00	5.9	6.0	5.9	95	5.2	6	SW	0.50	11	WSW	3.8	6.0	3.9	2.2	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	0	5
21/12/2018	02:05	5.9	6.0	5.9	95	5.2	4	WSW	0.33	9	WSW	4.7	6.0	4.7	3.0	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	0	5
21/12/2018	02:10	5.9	6.0	5.9	95	5.2	3	WSW	0.25	6	SW	5.2	6.0	5.3	3.6	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	0	5
21/12/2018	02:15	5.9	5.9	5.9	95	5.2	3	W	0.25	7	WSW	5.2	6.0	5.3	3.6	29.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	2	5
21/12/2018	02:20	5.9	5.9	5.9	95	5.2	4	SW	0.33	7	WSW	4.7	6.0	4.7	3.0	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	3	5
21/12/2018	02:25	5.9	5.9	5.9	95	5.2	3	WSW	0.25	7	SW	5.2	6.0	5.3	3.6	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	3	5
21/12/2018	02:30	5.9	5.9	5.9	95	5.2	2	WSW	0.17	5	WSW	5.9	6.0	6.0	4.3	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	3	5
21/12/2018	02:35	5.9	5.9	5.9	96	5.4	2	SW	0.17	5	SW	5.9	6.0	6.0	4.3	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	3	5
21/12/2018	02:40	5.9	5.9	5.9	96	5.4	1	SW	0.08	4	SW	5.9	6.0	6.0	4.3	29.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	3	5
21/12/2018	02:45	5.9	5.9	5.9	96	5.4	2	SW	0.17	3	SW	5.9	6.0	6.0	4.3	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	4	5
21/12/2018	02:50	5.9	5.9	5.9	96	5.4	1	SW	0.08	4	SW	5.9	6.0	6.0	4.3	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	8	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
21/12/2018	02:55	5.9	5.9	5.9	96	5.4	2	SW	0.17	5	SW	5.9	6.0	6.0	4.3	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	5.6	11	5
21/12/2018	03:00	5.9	5.9	5.9	96	5.4	3	SW	0.25	7	WSW	5.2	6.0	5.3	3.6	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:05	6.0	6.0	5.9	96	5.4	4	WSW	0.33	9	WSW	4.8	6.1	4.8	3.1	29.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:10	6.1	6.1	6.0	96	5.5	5	WSW	0.42	10	WSW	4.4	6.1	4.4	2.7	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:15	6.1	6.1	6.1	96	5.5	5	SW	0.42	9	SW	4.4	6.1	4.4	2.7	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:20	6.1	6.1	6.1	96	5.5	5	SW	0.42	10	SW	4.4	6.1	4.4	2.7	29.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:25	6.1	6.1	6.1	96	5.5	5	SW	0.42	9	SSW	4.4	6.2	4.5	2.8	29.38	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:30	6.1	6.1	6.1	96	5.5	6	WSW	0.50	10	WSW	4.0	6.1	4.1	2.3	29.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:35	6.1	6.1	6.1	96	5.5	5	SW	0.42	9	SW	4.4	6.2	4.5	2.8	29.38	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:40	6.1	6.1	6.1	96	5.5	4	SW	0.33	7	SW	4.9	6.2	4.9	3.2	29.38	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:45	6.1	6.1	6.1	96	5.5	3	SW	0.25	8	SSW	5.4	6.2	5.5	3.8	29.37	0.0	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:50	6.1	6.1	6.1	97	5.7	4	S	0.33	7	SSW	4.9	6.2	5.0	3.3	29.36	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	03:55	6.1	6.2	6.1	97	5.7	5	SSW	0.42	10	SSW	4.4	6.2	4.6	2.8	29.36	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:00	6.1	6.2	6.1	97	5.7	5	S	0.42	9	SSE	4.4	6.2	4.6	2.8	29.35	0.2	3.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:05	6.1	6.1	6.1	97	5.7	3	S	0.25	8	S	5.4	6.2	5.6	3.8	29.36	0.2	3.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:10	6.1	6.1	6.1	97	5.7	3	SSW	0.25	8	SSW	5.4	6.2	5.6	3.8	29.36	0.0	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:15	6.1	6.1	6.1	97	5.7	2	SSW	0.17	6	SSW	6.1	6.2	6.2	4.5	29.37	0.2	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:20	6.1	6.1	6.1	97	5.6	2	SSW	0.17	4	SSW	6.1	6.2	6.2	4.4	29.37	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:25	6.1	6.1	6.1	97	5.6	1	SSW	0.08	3	SSW	6.1	6.2	6.2	4.4	29.37	0.4	4.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:30	6.1	6.1	6.1	97	5.6	1	SSW	0.08	3	SSW	6.1	6.2	6.2	4.4	29.36	0.2	4.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:35	6.1	6.1	6.0	97	5.6	1	SSW	0.08	3	SSW	6.1	6.2	6.2	4.4	29.35	0.4	4.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:40	6.0	6.0	6.0	97	5.6	1	SSW	0.08	3	SSW	6.0	6.1	6.1	4.4	29.34	0.2	4.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:45	6.0	6.0	6.0	97	5.6	1	SSW	0.08	3	SSW	6.0	6.1	6.1	4.4	29.33	0.2	3.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:50	6.0	6.0	5.9	97	5.6	1	SSW	0.08	3	SSW	6.0	6.1	6.1	4.4	29.33	0.0	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	04:55	5.9	6.0	5.9	97	5.5	1	SSW	0.08	2	SSW	5.9	6.1	6.1	4.3	29.33	0.2	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:00	5.9	5.9	5.9	97	5.5	2	SSW	0.17	3	SSW	5.9	6.1	6.1	4.3	29.32	0.0	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:05	5.9	5.9	5.9	97	5.5	1	SSW	0.08	3	SSW	5.9	6.1	6.1	4.3	29.32	0.2	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:10	5.9	5.9	5.9	97	5.5	2	SSW	0.17	4	SSW	5.9	6.1	6.1	4.3	29.31	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:15	5.9	5.9	5.9	97	5.5	1	SSW	0.08	4	SSW	5.9	6.1	6.1	4.3	29.31	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:20	5.9	5.9	5.9	97	5.5	0	SSW	0.00	2	SSW	5.9	6.1	6.1	4.3	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:25	5.9	5.9	5.9	97	5.4	1	SSW	0.08	2	SSW	5.9	6.0	6.0	4.3	29.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:30	5.9	5.9	5.9	97	5.4	0	SSW	0.00	2	SSW	5.9	6.0	6.0	4.3	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:35	5.9	5.9	5.9	97	5.4	2	SSW	0.17	5	SSW	5.9	6.0	6.0	4.3	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:40	5.9	5.9	5.9	97	5.4	2	SSW	0.17	6	SSW	5.9	6.0	6.0	4.3	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:45	5.9	5.9	5.9	97	5.4	3	SSW	0.25	6	SSW	5.2	6.0	5.3	3.6	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:50	5.9	5.9	5.9	97	5.4	2	SSW	0.17	8	SE	5.9	6.0	6.0	4.3	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	05:55	5.9	5.9	5.9	97	5.4	4	SE	0.33	7	SE	4.6	6.0	4.7	3.0	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:00	5.9	5.9	5.9	97	5.4	3	SE	0.25	7	SE	5.2	6.0	5.3	3.6	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:05	5.8	5.9	5.8	97	5.4	3	SE	0.25	6	SE	5.1	5.9	5.2	3.5	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:10	5.8	5.8	5.8	97	5.4	3	SE	0.25	7	SE	5.1	5.9	5.2	3.5	29.30	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:15	5.8	5.8	5.8	97	5.4	3	SE	0.25	4	SE	5.1	5.9	5.2	3.5	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:20	5.8	5.8	5.8	97	5.3	3	SE	0.25	6	SE	5.1	5.9	5.2	3.4	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
21/12/2018	06:25	5.8	5.8	5.8	97	5.3	3	SE	0.25	6	SE	5.1	5.9	5.2	3.4	29.30	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:30	5.8	5.8	5.8	97	5.3	2	SE	0.17	6	SE	5.8	5.9	5.9	4.2	29.30	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:35	5.8	5.8	5.8	97	5.3	3	SE	0.25	6	SE	5.1	5.9	5.2	3.4	29.30	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:40	5.8	5.8	5.8	97	5.3	2	SE	0.17	4	SE	5.8	5.9	5.9	4.2	29.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:45	5.8	5.8	5.8	98	5.5	3	SE	0.25	4	SE	5.1	5.9	5.2	3.4	29.29	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:50	5.8	5.8	5.8	98	5.5	3	SE	0.25	4	SE	5.1	5.9	5.2	3.4	29.29	0.2	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	06:55	5.8	5.8	5.8	98	5.5	3	SE	0.25	4	SE	5.1	5.9	5.2	3.4	29.29	0.0	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	07:00	5.8	5.8	5.8	98	5.5	2	SE	0.17	4	SE	5.8	5.9	5.9	4.2	29.29	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	07:05	5.8	5.8	5.8	98	5.5	3	SE	0.25	7	SE	5.1	5.9	5.2	3.5	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	07:10	5.8	5.8	5.8	98	5.5	4	E	0.33	9	ESE	4.6	5.9	4.7	2.9	29.29	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	07:15	5.8	5.8	5.8	98	5.5	4	E	0.33	6	E	4.6	5.9	4.7	2.9	29.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	07:20	5.8	5.8	5.8	98	5.5	5	E	0.42	10	E	4.1	5.9	4.2	2.5	29.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	5.6	5.0	5.6	5.6	15	5
21/12/2018	07:25	5.8	5.8	5.8	98	5.5	6	E	0.50	10	E	3.7	5.9	3.8	2.1	29.29	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	07:30	5.8	5.8	5.8	98	5.5	4	NNW	0.33	7	NNW	4.6	5.9	4.7	2.9	29.30	0.2	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	07:35	5.8	5.8	5.8	98	5.5	6	E	0.50	11	E	3.7	5.9	3.8	2.1	29.29	0.0	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	07:40	5.8	5.8	5.8	98	5.5	2	E	0.17	4	E	5.8	5.9	5.9	4.2	29.30	0.2	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	07:45	5.8	5.8	5.8	98	5.5	4	E	0.33	9	E	4.6	5.9	4.7	2.9	29.29	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	07:50	5.8	5.8	5.8	98	5.5	3	E	0.25	7	E	5.1	5.9	5.2	3.4	29.29	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	07:55	5.8	5.8	5.8	98	5.5	3	E	0.25	5	E	5.1	5.9	5.2	3.4	29.30	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	08:00	5.8	5.8	5.8	98	5.5	3	E	0.25	5	E	5.1	5.9	5.2	3.4	29.30	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	08:05	5.8	5.8	5.8	98	5.5	3	E	0.25	6	E	5.1	5.9	5.2	3.4	29.30	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	08:10	5.8	5.8	5.8	98	5.5	3	E	0.25	5	E	5.1	5.9	5.2	3.5	29.30	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	08:15	5.8	5.8	5.8	98	5.5	4	E	0.33	7	E	4.5	5.9	4.6	2.9	29.31	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	14	5
21/12/2018	08:20	5.8	5.8	5.8	98	5.5	3	E	0.25	5	E	5.1	5.9	5.2	3.4	29.31	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	08:25	5.8	5.8	5.8	98	5.5	4	E	0.33	6	E	4.5	5.9	4.6	2.9	29.31	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	08:30	5.8	5.8	5.8	98	5.5	5	E	0.42	9	E	4.1	5.9	4.2	2.4	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	08:35	5.7	5.8	5.7	98	5.4	4	E	0.33	6	E	4.4	5.8	4.6	2.8	29.31	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	08:40	5.7	5.7	5.7	98	5.4	5	ENE	0.42	10	ENE	4.0	5.8	4.1	2.4	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	08:45	5.7	5.7	5.7	98	5.4	4	ENE	0.33	6	ENE	4.3	5.8	4.4	2.7	29.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.0	15	5
21/12/2018	08:50	5.6	5.7	5.6	98	5.3	3	ENE	0.25	5	ENE	4.8	5.7	4.9	3.2	29.31	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.0	15	5
21/12/2018	08:55	5.6	5.6	5.6	98	5.3	3	ENE	0.25	5	ENE	4.8	5.7	4.9	3.3	29.32	0.0	0.8	3	0.02	5	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.0	15	5
21/12/2018	09:00	5.6	5.6	5.6	98	5.3	4	ENE	0.33	6	ENE	4.2	5.7	4.3	2.7	29.32	0.2	1.0	5	0.04	7	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.0	15	5
21/12/2018	09:05	5.6	5.6	5.6	98	5.3	3	ENE	0.25	5	ENE	4.8	5.7	4.9	3.2	29.32	0.0	1.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	09:10	5.6	5.6	5.6	98	5.3	3	ENE	0.25	5	ENE	4.8	5.7	4.9	3.3	29.32	0.0	1.0	9	0.06	11	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	09:15	5.6	5.6	5.6	98	5.3	4	ENE	0.33	5	ENE	4.2	5.7	4.3	2.8	29.33	0.0	0.8	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	09:20	5.6	5.6	5.6	98	5.3	4	ENE	0.33	6	ENE	4.2	5.7	4.3	2.7	29.33	0.0	0.0	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	09:25	5.6	5.6	5.6	99	5.4	4	ENE	0.33	5	ENE	4.2	5.7	4.3	2.7	29.32	0.2	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	09:30	5.6	5.6	5.6	99	5.4	5	ENE	0.42	6	ENE	3.8	5.7	3.9	2.3	29.33	0.0	0.0	15	0.11	18	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.0	5.6	5.6	15	5
21/12/2018	09:35	5.6	5.6	5.6	99	5.4	3	ENE	0.25	5	ENE	4.8	5.7	4.9	3.3	29.33	0.0	0.0	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	09:40	5.6	5.6	5.6	99	5.4	4	ENE	0.33	8	ENE	4.2	5.7	4.3	2.8	29.34	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	09:45	5.6	5.6	5.6	99	5.4	4	ENE	0.33	8	ENE	4.2	5.7	4.3	2.8	29.33	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	09:50	5.6	5.6	5.6	99	5.4	4	ENE	0.33	8	ENE	4.2	5.7	4.3	2.7	29.34	0.2	0.0	10	0.07	14	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
21/12/2018	09:55	5.6	5.6	5.6	99	5.4	3	ENE	0.25	5	ENE	4.8	5.7	4.9	3.3	29.34	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:00	5.6	5.6	5.6	99	5.4	2	ENE	0.17	4	ENE	5.6	5.7	5.7	4.1	29.35	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:05	5.6	5.6	5.6	98	5.3	3	ENE	0.25	4	ENE	4.8	5.7	4.9	3.3	29.34	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:10	5.6	5.6	5.6	98	5.3	2	ENE	0.17	4	ENE	5.6	5.7	5.7	4.6	29.34	0.0	0.0	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:15	5.6	5.6	5.6	99	5.4	3	ENE	0.25	5	ENE	4.8	5.7	4.9	3.9	29.35	0.0	0.0	17	0.12	21	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:20	5.6	5.6	5.6	99	5.4	2	ENE	0.17	3	ENE	5.6	5.7	5.7	4.7	29.35	0.0	0.0	17	0.12	19	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:25	5.6	5.6	5.6	99	5.5	2	ENE	0.17	4	ENE	5.6	5.7	5.7	4.7	29.35	0.2	0.0	13	0.09	14	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:30	5.6	5.6	5.6	99	5.4	2	ENE	0.17	3	ENE	5.6	5.7	5.7	4.5	29.36	0.0	0.0	10	0.07	12	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:35	5.6	5.6	5.6	99	5.5	2	ENE	0.17	4	ENE	5.6	5.7	5.7	4.8	29.36	0.0	0.0	18	0.13	21	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:40	5.6	5.6	5.6	99	5.5	2	ENE	0.17	3	ENE	5.6	5.7	5.7	5.0	29.36	0.0	0.0	25	0.18	26	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	5.6	15	5
21/12/2018	10:45	5.6	5.6	5.6	99	5.5	2	ENE	0.17	3	ENE	5.6	5.7	5.7	4.8	29.37	0.0	0.0	20	0.14	23	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
21/12/2018	10:50	5.6	5.6	5.6	99	5.5	2	ENE	0.17	4	ENE	5.6	5.7	5.7	4.9	29.37	0.0	0.0	22	0.16	25	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
21/12/2018	10:55	5.6	5.7	5.6	99	5.5	2	ENE	0.17	4	ENE	5.6	5.7	5.7	5.3	29.36	0.0	0.0	36	0.26	42	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
21/12/2018	11:00	5.7	5.7	5.7	99	5.5	2	ENE	0.17	5	ENE	5.7	5.8	5.8	5.2	29.37	0.2	0.0	31	0.22	39	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
21/12/2018	11:05	5.7	5.7	5.7	99	5.5	2	ENE	0.17	4	ENE	5.7	5.8	5.8	5.2	29.37	0.0	0.0	31	0.22	35	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
21/12/2018	11:10	5.7	5.7	5.7	99	5.6	1	ENE	0.08	3	ENE	5.7	5.8	5.8	5.1	29.37	0.0	0.0	26	0.19	28	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
21/12/2018	11:15	5.7	5.7	5.7	99	5.6	3	ENE	0.25	5	ENE	5.0	5.8	5.1	4.6	29.38	0.0	0.0	32	0.23	35	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
21/12/2018	11:20	5.7	5.7	5.7	99	5.6	2	ENE	0.17	3	ENE	5.7	5.8	5.8	5.2	29.38	0.0	0.0	29	0.21	32	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	5.6	15	5
21/12/2018	11:25	5.7	5.7	5.7	99	5.6	1	ENE	0.08	3	ENE	5.7	5.8	5.8	5.1	29.39	0.0	0.0	24	0.17	26	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	5.6	5.6	15	5
21/12/2018	11:30	5.7	5.7	5.7	99	5.6	2	ENE	0.17	3	ENE	5.7	5.8	5.8	5.6	29.38	0.0	0.0	42	0.30	51	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	5.6	15	5
21/12/2018	11:35	5.8	5.8	5.7	99	5.6	0	ENE	0.00	2	ENE	5.8	5.9	5.9	5.8	29.38	0.0	0.0	48	0.34	54	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	11:40	5.9	5.9	5.8	99	5.7	0	ENE	0.00	2	ENE	5.9	6.0	6.0	6.2	29.39	0.0	0.0	64	0.46	67	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	11:45	5.9	5.9	5.9	99	5.7	1	ENE	0.08	3	ENE	5.9	6.0	6.0	6.0	29.38	0.0	0.0	53	0.38	62	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	11:50	5.9	5.9	5.9	99	5.8	2	ENE	0.17	3	ENE	5.9	6.1	6.1	5.7	29.38	0.0	0.0	38	0.27	42	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	11:55	5.9	5.9	5.9	99	5.8	1	ENE	0.08	3	ENE	5.9	6.1	6.1	5.8	29.38	0.0	0.0	42	0.30	47	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	12:00	5.9	5.9	5.9	99	5.8	1	ENE	0.08	3	ENE	5.9	6.1	6.1	6.0	29.38	0.0	0.0	52	0.37	54	0	0.00	0.00	0.04	0.00	0.03	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	12:05	5.9	6.0	5.9	99	5.8	1	ENE	0.08	2	ENE	5.9	6.1	6.1	6.3	29.38	0.0	0.0	65	0.47	76	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	6.7	15	5
21/12/2018	12:10	6.1	6.1	5.9	99	5.9	2	ENE	0.17	3	ENE	6.1	6.2	6.2	6.3	29.38	0.0	0.0	55	0.39	60	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	6.7	15	5
21/12/2018	12:15	6.2	6.2	6.1	99	6.0	2	ENE	0.17	3	ENE	6.2	6.3	6.3	6.2	29.39	0.2	0.0	47	0.34	51	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	6.7	15	5
21/12/2018	12:20	6.1	6.2	6.1	99	5.9	2	ENE	0.17	3	ENE	6.1	6.2	6.2	6.1	29.39	0.0	0.0	48	0.34	58	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	6.7	15	5
21/12/2018	12:25	6.1	6.1	6.1	99	5.9	3	ENE	0.25	5	ENE	5.4	6.2	5.6	4.8	29.39	0.0	0.0	27	0.19	37	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	6.1	15	5
21/12/2018	12:30	6.1	6.1	6.1	99	5.9	3	ENE	0.25	5	ENE	5.4	6.2	5.6	4.8	29.40	0.0	0.0	25	0.18	28	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	12:35	6.0	6.1	6.0	99	5.9	3	ENE	0.25	5	ENE	5.3	6.1	5.4	4.8	29.41	0.0	0.0	28	0.20	30	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	12:40	6.0	6.1	6.0	99	5.9	3	ENE	0.25	5	ENE	5.3	6.1	5.4	4.6	29.41	0.0	0.0	20	0.14	25	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	12:45	6.0	6.0	6.0	99	5.9	3	ENE	0.25	5	ENE	5.3	6.1	5.4	4.4	29.41	0.0	0.0	15	0.11	19	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	12:50	6.0	6.0	5.9	99	5.9	3	ENE	0.25	6	ENE	5.3	6.1	5.4	4.3	29.42	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	12:55	5.9	6.0	5.9	99	5.8	3	ENE	0.25	4	ENE	5.2	6.1	5.3	4.2	29.42	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	13:00	5.9	6.0	5.9	99	5.8	2	ENE	0.17	4	ENE	5.9	6.1	6.1	4.9	29.42	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.03	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	13:05	5.9	5.9	5.9	99	5.8	3	ENE	0.25	5	ENE	5.2	6.1	5.3	4.3	29.43	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	13:10	5.9	5.9	5.9	99	5.8	3	ENE	0.25	5	ENE	5.2	6.1	5.3	4.2	29.43	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	13:15	5.9	5.9	5.9	99	5.8	3	ENE	0.25	8	ENE	5.2	6.1	5.3	4.2	29.44	0.0	0.0	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5
21/12/2018	13:20	5.9	5.9	5.9	99	5.8	3	ENE	0.25	6	ENE	5.2	6.1	5.3	4.4	29.44	0.0	0.0	17	0.12	25	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
21/12/2018	13:25	6.0	6.0	5.9	99	5.9	3	ENE	0.25	6	ENE	5.3	6.1	5.4	5.2	29.44	0.0	0.0	42	0.30	62	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	5.6	6.7	15	5
21/12/2018	13:30	6.3	6.3	6.0	99	6.1	7	NW	0.58	12	NW	4.0	6.4	4.2	4.5	29.45	0.0	0.0	67	0.48	69	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	6.7	15	5
21/12/2018	13:35	6.4	6.4	6.3	99	6.3	8	WNW	0.67	15	NW	3.8	6.6	4.0	4.2	29.45	0.0	0.0	62	0.44	67	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.2	15	5
21/12/2018	13:40	6.4	6.5	6.4	99	6.3	7	W	0.58	12	W	4.2	6.6	4.3	4.4	29.45	0.0	0.0	55	0.39	60	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.2	15	5
21/12/2018	13:45	6.6	6.6	6.5	99	6.4	7	WNW	0.58	12	WNW	4.3	6.7	4.5	4.7	29.46	0.0	0.0	62	0.44	67	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.2	15	5
21/12/2018	13:50	6.7	6.7	6.6	99	6.5	6	W	0.50	11	WNW	4.7	6.9	4.9	5.4	29.46	0.0	0.0	70	0.50	74	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.2	15	5
21/12/2018	13:55	6.7	6.7	6.7	99	6.6	7	W	0.58	12	W	4.5	6.9	4.7	5.3	29.46	0.0	0.0	78	0.56	86	0	0.00	0.00	0.04	0.00	0.00	53	6.1	7.2	5.6	7.2	15	5
21/12/2018	14:00	6.7	6.7	6.7	99	6.6	8	WNW	0.67	12	WNW	4.2	6.9	4.4	4.8	29.47	0.0	0.0	68	0.49	74	0	0.00	0.00	0.04	0.00	0.03	53	6.1	7.2	5.6	7.2	15	5
21/12/2018	14:05	6.7	6.7	6.7	98	6.4	6	W	0.50	12	WNW	4.8	6.9	4.9	4.8	29.47	0.0	0.0	46	0.33	54	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.2	15	5
21/12/2018	14:10	6.7	6.8	6.7	98	6.4	5	W	0.42	11	WSW	5.2	6.9	5.3	5.2	29.47	0.0	0.0	46	0.33	51	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.2	15	5
21/12/2018	14:15	6.8	6.8	6.7	98	6.5	3	W	0.25	8	WSW	6.2	6.9	6.3	6.4	29.47	0.0	0.0	54	0.39	56	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	7.2	15	5
21/12/2018	14:20	6.8	6.8	6.8	98	6.5	4	WSW	0.33	8	WSW	5.6	6.9	5.8	4.8	29.48	0.0	0.0	60	0.43	63	0	0.00	0.00	0.04	0.00	0.00	53	6.1	7.2	5.6	7.2	15	5
21/12/2018	14:25	6.8	6.8	6.8	98	6.5	4	WSW	0.33	7	WSW	5.6	6.9	5.8	4.8	29.48	0.0	0.0	58	0.42	65	0	0.00	0.00	0.04	0.00	0.00	53	6.1	7.2	5.6	7.2	15	5
21/12/2018	14:30	6.8	6.8	6.8	98	6.5	3	WSW	0.25	8	WSW	6.2	6.9	6.3	5.3	29.48	0.0	0.0	55	0.39	62	0	0.00	0.00	0.04	0.00	0.00	53	6.1	7.2	6.1	7.2	14	5
21/12/2018	14:35	6.8	6.8	6.8	98	6.5	3	W	0.25	8	W	6.2	7.0	6.4	5.1	29.49	0.0	0.0	35	0.25	44	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	6.1	7.2	14	5
21/12/2018	14:40	6.8	6.8	6.8	98	6.5	4	W	0.33	7	W	5.7	7.0	5.9	4.4	29.49	0.0	0.0	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	6.1	7.2	14	5
21/12/2018	14:45	6.8	6.8	6.8	98	6.5	3	W	0.25	6	W	6.2	7.0	6.4	4.8	29.49	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	6.1	6.7	14	5
21/12/2018	14:50	6.8	6.8	6.8	98	6.5	4	W	0.33	7	W	5.7	7.0	5.9	4.3	29.49	0.0	0.0	9	0.06	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	6.1	6.7	14	5
21/12/2018	14:55	6.8	6.8	6.8	98	6.5	5	WSW	0.42	8	WSW	5.2	6.9	5.4	3.7	29.50	0.0	0.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	14	5
21/12/2018	15:00	6.8	6.8	6.8	98	6.5	4	WSW	0.33	6	WSW	5.6	6.9	5.8	4.1	29.50	0.0	0.0	4	0.03	5	0	0.00	0.00	0.04	0.00	0.03	53	6.1	6.1	6.1	6.7	14	5
21/12/2018	15:05	6.7	6.8	6.7	98	6.4	4	WSW	0.33	7	WSW	5.6	6.9	5.7	4.1	29.50	0.0	0.0	5	0.04	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	14	5
21/12/2018	15:10	6.7	6.7	6.7	98	6.4	5	WSW	0.42	10	WSW	5.2	6.9	5.3	3.7	29.51	0.0	0.0	10	0.07	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	14	5
21/12/2018	15:15	6.7	6.7	6.7	98	6.4	4	SW	0.33	10	SW	5.5	6.8	5.7	4.1	29.51	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	14	5
21/12/2018	15:20	6.7	6.7	6.7	98	6.4	3	SW	0.25	8	SW	6.1	6.8	6.2	4.6	29.52	0.0	0.0	11	0.08	14	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	14	5
21/12/2018	15:25	6.7	6.7	6.6	98	6.4	4	SW	0.33	9	SW	5.5	6.8	5.7	4.0	29.52	0.0	0.0	6	0.04	9	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	14	5
21/12/2018	15:30	6.6	6.7	6.6	98	6.3	3	SW	0.25	7	SW	6.0	6.8	6.2	4.6	29.52	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.1	15	5
21/12/2018	15:35	6.6	6.6	6.6	98	6.3	3	SW	0.25	5	SW	6.0	6.8	6.2	4.5	29.53	0.0	0.0	8	0.06	11	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.1	15	5
21/12/2018	15:40	6.6	6.6	6.6	98	6.3	2	SW	0.17	6	SW	6.6	6.8	6.8	5.1	29.52	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	15:45	6.6	6.6	6.6	98	6.3	2	SW	0.17	4	SW	6.6	6.7	6.7	5.0	29.53	0.0	0.0	2	0.01	5	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	15:50	6.6	6.6	6.5	98	6.3	4	SW	0.33	7	SW	5.4	6.7	5.6	3.8	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	15:55	6.5	6.6	6.5	98	6.2	4	SW	0.33	7	SW	5.3	6.7	5.5	3.7	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	16:00	6.4	6.5	6.4	98	6.2	4	SW	0.33	8	SW	5.3	6.6	5.4	3.7	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	16:05	6.4	6.4	6.4	98	6.2	5	SW	0.42	9	SW	4.8	6.6	5.0	3.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	16:10	6.4	6.4	6.4	98	6.2	3	SW	0.25	5	SW	5.8	6.6	6.0	4.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	16:15	6.4	6.4	6.4	98	6.1	3	SW	0.25	6	SW	5.7	6.6	5.9	4.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
21/12/2018	16:20	6.4	6.4	6.4	98	6.1	3	SW	0.25	6	SW	5.7	6.6	5.9	4.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	16:25	6.4	6.4	6.4	98	6.1	5	SW	0.42	10	SW	4.8	6.6	4.9	3.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	16:30	6.4	6.4	6.4	98	6.2	4	SW	0.33	9	SW	5.3	6.6	5.4	3.7	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
21/12/2018	16:35	6.4	6.4	6.4	98	6.2	5	SW	0.42	8	SW	4.8	6.6	5.0	3.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
21/12/2018	16:40	6.4	6.4	6.4	98	6.2	5	SW	0.42	8	SW	4.8	6.6	5.0	3.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	16:45	6.4	6.4	6.4	98	6.2	5	SW	0.42	11	SW	4.8	6.6	5.0	3.2	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	15	5
21/12/2018	16:50	6.4	6.4	6.4	98	6.2	6	SW	0.50	9	SW	4.4	6.6	4.6	2.8	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
21/12/2018	16:55	6.4	6.4	6.4	98	6.2	7	WSW	0.58	12	WSW	4.2	6.6	4.3	2.6	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:00	6.5	6.5	6.4	98	6.2	6	WSW	0.50	11	SW	4.5	6.7	4.7	2.9	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:05	6.6	6.6	6.5	98	6.3	7	SW	0.58	11	SW	4.3	6.7	4.5	2.7	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:10	6.6	6.6	6.6	98	6.3	7	SW	0.58	9	SW	4.4	6.8	4.6	2.8	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:15	6.6	6.6	6.6	98	6.3	6	SW	0.50	9	SW	4.7	6.8	4.8	3.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:20	6.6	6.7	6.6	98	6.3	4	SW	0.33	7	SW	5.4	6.8	5.6	3.8	29.56	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:25	6.6	6.7	6.6	98	6.3	4	SW	0.33	6	SW	5.4	6.8	5.6	3.8	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:30	6.6	6.7	6.6	98	6.3	5	SW	0.42	7	SW	5.1	6.8	5.2	3.4	29.56	0.2	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:35	6.6	6.6	6.6	98	6.3	6	SW	0.50	9	SW	4.7	6.8	4.8	3.1	29.56	0.0	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:40	6.6	6.6	6.6	98	6.3	5	SSW	0.42	9	SW	5.1	6.8	5.2	3.4	29.55	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:45	6.6	6.6	6.6	98	6.3	5	SSW	0.42	7	SSW	5.1	6.8	5.2	3.4	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:50	6.6	6.6	6.6	98	6.3	5	SSW	0.42	8	SSW	5.1	6.8	5.2	3.4	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	17:55	6.6	6.6	6.6	98	6.3	5	SSW	0.42	10	SSW	5.1	6.8	5.2	3.4	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	18:00	6.6	6.6	6.6	98	6.3	6	SSW	0.50	12	SSW	4.7	6.8	4.8	3.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	18:05	6.6	6.6	6.6	98	6.3	6	SSW	0.50	10	SSW	4.7	6.8	4.8	3.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	18:10	6.6	6.6	6.6	98	6.3	6	SSW	0.50	8	SSW	4.7	6.8	4.8	3.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	18:15	6.6	6.6	6.6	98	6.3	7	SSW	0.58	12	SSE	4.4	6.8	4.6	2.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	18:20	6.6	6.7	6.6	98	6.3	7	S	0.58	11	S	4.4	6.8	4.6	2.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	18:25	6.7	6.7	6.6	98	6.4	5	S	0.42	10	S	5.1	6.8	5.3	3.5	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	18:30	6.7	6.7	6.7	98	6.4	5	S	0.42	9	S	5.1	6.8	5.3	3.5	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	18:35	6.7	6.7	6.7	98	6.4	7	S	0.58	12	S	4.4	6.8	4.6	2.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.1	15	5
21/12/2018	18:40	6.7	6.7	6.7	98	6.4	6	S	0.50	12	S	4.8	6.9	4.9	3.2	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.1	15	5
21/12/2018	18:45	6.7	6.8	6.7	98	6.4	5	S	0.42	10	S	5.2	6.9	5.3	3.6	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	18:50	6.8	6.8	6.7	98	6.5	7	S	0.58	11	S	4.6	6.9	4.7	2.9	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	18:55	6.8	6.8	6.8	98	6.5	6	S	0.50	12	S	4.8	6.9	5.0	3.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	19:00	6.8	6.8	6.8	98	6.5	8	S	0.67	12	S	4.3	7.0	4.5	2.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	19:05	6.8	6.8	6.8	98	6.5	6	S	0.50	11	S	4.9	7.0	5.1	3.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	19:10	6.8	6.9	6.8	98	6.5	7	S	0.58	11	S	4.7	7.0	4.8	3.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	19:15	6.8	6.9	6.8	98	6.5	5	S	0.42	10	S	5.3	7.0	5.4	3.7	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	19:20	6.8	6.9	6.8	98	6.5	6	S	0.50	11	S	4.9	7.0	5.1	3.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	19:25	6.8	6.8	6.8	98	6.5	7	S	0.58	12	S	4.7	7.0	4.8	3.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	19:30	6.8	6.8	6.8	98	6.5	6	S	0.50	10	S	4.8	6.9	5.0	3.2	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	19:35	6.8	6.8	6.8	98	6.5	6	S	0.50	13	S	4.8	6.9	5.0	3.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	19:40	6.8	6.8	6.7	98	6.5	6	S	0.50	11	S	4.8	6.9	5.0	3.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	19:45	6.7	6.8	6.7	98	6.4	7	S	0.58	15	S	4.5	6.9	4.7	2.9	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
21/12/2018	19:50	6.7	6.7	6.7	98	6.4	6	S	0.50	11	S	4.8	6.9	4.9	3.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
21/12/2018	19:55	6.8	6.8	6.7	98	6.5	7	S	0.58	12	SSW	4.6	6.9	4.7	2.9	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	6.7	15	5
21/12/2018	20:00	6.8	6.8	6.8	98	6.5	8	SSW	0.67	16	S	4.2	6.9	4.4	2.7	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	6.7	15	5
21/12/2018	20:05	6.8	6.8	6.8	98	6.5	8	SSW	0.67	17	SSW	4.3	7.0	4.5	2.8	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	6.7	15	5
21/12/2018	20:10	6.9	6.9	6.8	98	6.6	7	SSW	0.58	15	SSW	4.7	7.1	4.9	3.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	6.7	15	5
21/12/2018	20:15	6.9	6.9	6.9	98	6.7	7	SSW	0.58	12	S	4.8	7.1	4.9	3.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	20:20	6.9	6.9	6.9	98	6.7	6	S	0.50	11	S	5.1	7.1	5.2	3.4	29.55	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	6.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
21/12/2018	20:25	6.9	7.0	6.9	98	6.7	7	SSW	0.58	11	SSW	4.8	7.1	4.9	3.2	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	20:30	7.0	7.0	6.9	98	6.7	5	SSW	0.42	10	SSW	5.5	7.2	5.7	3.9	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	20:35	7.0	7.0	7.0	98	6.7	7	S	0.58	12	S	4.8	7.2	5.0	3.3	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	20:40	7.0	7.1	7.0	98	6.7	4	S	0.33	8	S	5.9	7.2	6.1	4.3	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	20:45	7.1	7.1	7.1	98	6.8	8	SSW	0.67	12	SSW	4.6	7.2	4.7	3.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	20:50	7.1	7.1	7.1	98	6.8	8	SSW	0.67	13	SSW	4.6	7.2	4.7	3.1	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	20:55	7.1	7.1	7.1	98	6.8	7	SSW	0.58	12	SSW	5.0	7.3	5.2	3.4	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:00	7.1	7.1	7.1	98	6.8	7	SSW	0.58	10	SSW	5.0	7.3	5.2	3.4	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:05	7.1	7.2	7.1	98	6.8	6	SSW	0.50	12	SSW	5.3	7.3	5.4	3.7	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:10	7.2	7.2	7.1	98	6.9	7	SSW	0.58	12	SSW	5.1	7.3	5.2	3.5	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:15	7.2	7.2	7.2	98	6.9	7	SSW	0.58	11	SSW	5.1	7.3	5.2	3.5	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:20	7.2	7.2	7.2	98	6.9	8	SSW	0.67	13	SSW	4.7	7.3	4.9	3.3	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:25	7.2	7.2	7.2	98	6.9	9	SSW	0.75	16	SSW	4.4	7.3	4.6	3.0	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:30	7.2	7.2	7.2	98	6.9	7	SSW	0.58	12	SSW	5.1	7.4	5.3	3.6	29.54	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:35	7.3	7.3	7.2	98	7.0	7	SW	0.58	14	SSW	5.2	7.4	5.3	3.6	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:40	7.3	7.3	7.2	98	7.0	7	SW	0.58	14	SSW	5.2	7.4	5.3	3.6	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:45	7.3	7.3	7.3	98	7.0	6	SW	0.50	11	SSW	5.4	7.4	5.6	3.9	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:50	7.3	7.3	7.3	98	7.0	6	SW	0.50	10	SW	5.4	7.4	5.6	3.9	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
21/12/2018	21:55	7.3	7.3	7.3	98	7.0	4	SW	0.33	9	SW	6.3	7.5	6.4	4.7	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	22:00	7.3	7.3	7.3	98	7.0	5	SW	0.42	8	SW	5.8	7.5	6.0	4.3	29.55	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
21/12/2018	22:05	7.3	7.4	7.3	98	7.0	6	SW	0.50	10	SW	5.5	7.5	5.7	3.9	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
21/12/2018	22:10	7.4	7.4	7.3	98	7.1	3	SW	0.25	8	SW	6.9	7.6	7.1	5.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
21/12/2018	22:15	7.4	7.4	7.4	98	7.1	3	SW	0.25	5	SW	6.9	7.6	7.1	5.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
21/12/2018	22:20	7.4	7.4	7.4	98	7.1	2	SW	0.17	5	SW	7.4	7.6	7.6	5.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
21/12/2018	22:25	7.4	7.4	7.4	98	7.1	2	SW	0.17	5	SW	7.4	7.6	7.6	5.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	22:30	7.3	7.4	7.3	98	7.0	4	SW	0.33	7	SW	6.3	7.5	6.4	4.7	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	22:35	7.3	7.4	7.3	98	7.0	4	SW	0.33	7	SW	6.3	7.5	6.4	4.7	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	22:40	7.3	7.3	7.3	98	7.0	4	SW	0.33	6	SW	6.3	7.5	6.4	4.7	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	22:45	7.3	7.3	7.3	98	7.0	4	SW	0.33	7	SW	6.3	7.5	6.4	4.7	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
21/12/2018	22:50	7.3	7.3	7.3	98	7.0	5	SW	0.42	8	SW	5.8	7.4	5.9	4.2	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
21/12/2018	22:55	7.3	7.3	7.3	98	7.0	6	SW	0.50	10	SW	5.4	7.4	5.6	3.9	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
21/12/2018	23:00	7.3	7.3	7.3	98	7.0	6	SW	0.50	11	SW	5.4	7.4	5.6	3.9	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	23:05	7.3	7.3	7.3	98	7.0	7	SW	0.58	10	SW	5.2	7.5	5.4	3.7	29.57	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	23:10	7.3	7.3	7.3	98	7.0	8	SW	0.67	13	SW	4.9	7.5	5.1	3.4	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	23:15	7.4	7.4	7.3	98	7.1	7	SW	0.58	13	SW	5.3	7.6	5.5	3.8	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	23:20	7.4	7.4	7.4	98	7.1	9	W	0.75	23	W	4.7	7.6	4.8	3.3	29.57	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	23:25	7.4	7.4	7.4	98	7.1	7	W	0.58	17	W	5.3	7.6	5.5	3.8	29.57	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	23:30	7.3	7.4	7.3	98	7.0	9	W	0.75	15	W	4.5	7.4	4.7	3.1	29.57	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	23:35	7.2	7.3	7.2	97	6.8	9	W	0.75	16	W	4.4	7.4	4.6	3.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
21/12/2018	23:40	7.2	7.3	7.2	97	6.8	8	W	0.67	16	W	4.8	7.4	4.9	3.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	6.7	15	5
21/12/2018	23:45	7.2	7.3	7.2	97	6.8	9	W	0.75	16	W	4.4	7.4	4.6	3.1	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
21/12/2018	23:50	7.2	7.2	7.2	97	6.7	8	WSW	0.67	14	W	4.7	7.3	4.9	3.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	6.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
21/12/2018	23:55	7.1	7.2	7.1	97	6.7	9	W	0.75	19	W	4.3	7.3	4.5	2.9	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	6.7	15	5
22/12/2018	00:00	7.1	7.1	7.1	97	6.6	11	W	0.92	23	W	3.7	7.2	3.8	2.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	6.7	15	5
22/12/2018	00:05	7.1	7.1	7.1	96	6.5	11	W	0.92	21	W	3.8	7.2	3.9	2.4	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	6.7	15	5
22/12/2018	00:10	7.2	7.2	7.1	96	6.6	12	W	1.00	23	W	3.6	7.3	3.7	2.3	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	6.7	15	5
22/12/2018	00:15	7.2	7.2	7.1	96	6.6	10	W	0.83	22	W	4.1	7.3	4.2	2.7	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	6.7	15	5
22/12/2018	00:20	7.2	7.2	7.2	96	6.6	13	W	1.08	23	W	3.4	7.3	3.6	2.2	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
22/12/2018	00:25	7.3	7.3	7.2	96	6.7	10	W	0.83	24	W	4.3	7.5	4.4	2.9	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
22/12/2018	00:30	7.4	7.4	7.3	95	6.6	12	W	1.00	24	W	3.8	7.5	3.9	2.5	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
22/12/2018	00:35	7.4	7.4	7.4	95	6.7	11	W	0.92	25	WSW	4.2	7.6	4.3	2.8	29.56	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	7.2	15	5
22/12/2018	00:40	7.5	7.5	7.4	95	6.8	13	W	1.08	27	W	3.8	7.7	3.9	2.6	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	7.2	15	5
22/12/2018	00:45	7.6	7.6	7.5	94	6.7	11	W	0.92	21	W	4.3	7.7	4.4	2.9	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
22/12/2018	00:50	7.7	7.7	7.6	94	6.8	15	W	1.25	26	W	3.6	7.8	3.7	2.4	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.8	15	5
22/12/2018	00:55	7.8	7.8	7.7	94	6.9	15	W	1.25	26	W	3.7	7.9	3.8	2.6	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.8	15	5
22/12/2018	01:00	7.9	7.9	7.8	93	6.8	15	W	1.25	33	W	3.8	8.0	3.9	2.6	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.8	14	5
22/12/2018	01:05	7.9	7.9	7.9	93	6.8	13	W	1.08	26	W	4.2	8.0	4.3	2.9	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	14	5
22/12/2018	01:10	7.9	7.9	7.9	93	6.8	14	W	1.17	34	W	4.0	8.0	4.1	2.8	29.57	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.8	13	5
22/12/2018	01:15	7.9	7.9	7.8	93	6.8	14	W	1.17	34	WNW	4.0	8.0	4.1	2.8	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.8	12	5
22/12/2018	01:20	7.9	7.9	7.9	92	6.7	16	W	1.33	33	W	3.7	8.1	3.8	2.6	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.8	11	5
22/12/2018	01:25	7.9	7.9	7.9	92	6.7	15	W	1.25	29	W	3.9	8.1	4.0	2.7	29.58	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.8	10	5
22/12/2018	01:30	8.0	8.0	7.9	92	6.8	14	W	1.17	29	W	4.1	8.1	4.2	2.9	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	8	5
22/12/2018	01:35	8.0	8.0	8.0	92	6.8	12	W	1.00	25	W	4.6	8.1	4.7	3.3	29.59	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	8	5
22/12/2018	01:40	8.0	8.0	8.0	92	6.8	12	W	1.00	22	W	4.6	8.1	4.7	3.3	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	9	5
22/12/2018	01:45	7.9	8.0	7.9	92	6.7	11	W	0.92	22	W	4.7	8.1	4.8	3.4	29.60	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	01:50	7.9	7.9	7.9	93	6.8	11	W	0.92	26	W	4.7	8.0	4.8	3.3	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	6.7	15	5
22/12/2018	01:55	7.8	7.9	7.8	93	6.8	13	W	1.08	27	W	4.1	7.9	4.2	2.8	29.61	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	02:00	7.8	7.8	7.8	93	6.7	9	W	0.75	20	W	5.1	7.9	5.2	3.7	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	02:05	7.8	7.8	7.8	93	6.8	11	W	0.92	21	W	4.6	7.9	4.7	3.3	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	02:10	7.9	7.9	7.8	92	6.7	12	W	1.00	23	W	4.4	8.0	4.5	3.1	29.62	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	15	5
22/12/2018	02:15	8.0	8.0	7.9	92	6.8	10	W	0.83	22	W	5.1	8.1	5.2	3.7	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	02:20	8.0	8.0	7.9	92	6.8	9	W	0.75	17	W	5.3	8.1	5.4	3.9	29.63	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	02:25	7.9	7.9	7.9	92	6.7	11	WNW	0.92	18	WSW	4.7	8.1	4.8	3.4	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	02:30	7.9	7.9	7.9	93	6.9	6	W	0.50	13	W	6.3	8.1	6.4	4.7	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	6.7	15	5
22/12/2018	02:35	7.9	7.9	7.9	93	6.8	8	W	0.67	15	NW	5.6	8.0	5.7	4.1	29.64	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	6.7	15	5
22/12/2018	02:40	7.8	7.9	7.8	93	6.8	9	W	0.75	18	W	5.2	7.9	5.3	3.7	29.64	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	6.7	15	5
22/12/2018	02:45	7.8	7.8	7.8	93	6.7	7	WNW	0.58	14	WNW	5.8	7.9	5.9	4.2	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	02:50	7.8	7.8	7.8	93	6.8	9	WNW	0.75	20	NW	5.2	7.9	5.3	3.7	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	02:55	7.8	7.9	7.8	92	6.6	7	W	0.58	18	W	5.8	7.9	5.9	4.2	29.65	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.2	15	5
22/12/2018	03:00	7.9	7.9	7.8	92	6.7	10	W	0.83	19	W	4.9	8.0	5.0	3.5	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	15	5
22/12/2018	03:05	7.9	7.9	7.9	92	6.7	7	WSW	0.58	21	W	6.0	8.1	6.1	4.4	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	15	5
22/12/2018	03:10	8.0	8.0	7.9	91	6.6	10	W	0.83	25	W	5.1	8.1	5.2	3.6	29.66	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	15	5
22/12/2018	03:15	8.0	8.0	7.9	91	6.6	8	W	0.67	15	WNW	5.7	8.1	5.8	4.1	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	15	5
22/12/2018	03:20	8.0	8.0	8.0	91	6.6	8	W	0.67	16	NW	5.7	8.1	5.8	4.1	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
22/12/2018	03:25	8.1	8.1	8.0	90	6.5	9	W	0.75	18	WNW	5.4	8.2	5.6	3.9	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	15	5
22/12/2018	03:30	8.1	8.1	8.1	90	6.6	11	W	0.92	18	WNW	4.9	8.2	5.1	3.6	29.67	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	6.1	7.8	15	5
22/12/2018	03:35	8.1	8.1	8.1	90	6.6	9	W	0.75	16	W	5.5	8.2	5.6	4.0	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	03:40	8.1	8.1	8.1	90	6.5	5	W	0.42	10	SW	6.7	8.2	6.8	5.1	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	03:45	8.1	8.1	8.0	91	6.7	5	W	0.42	11	W	6.7	8.2	6.8	5.1	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	03:50	7.9	8.0	7.9	91	6.6	6	WSW	0.50	11	SSW	6.3	8.1	6.4	4.6	29.68	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	03:55	7.9	7.9	7.9	92	6.7	5	SW	0.42	9	W	6.5	8.0	6.6	4.9	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	04:00	7.8	7.9	7.8	92	6.6	6	W	0.50	12	W	6.1	7.9	6.2	4.4	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	04:05	7.7	7.8	7.7	92	6.5	6	W	0.50	12	SW	6.0	7.8	6.1	4.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	04:10	7.7	7.7	7.7	92	6.4	6	W	0.50	14	W	5.9	7.8	6.1	4.3	29.69	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	04:15	7.6	7.7	7.6	92	6.4	5	W	0.42	11	W	6.2	7.7	6.3	4.5	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	04:20	7.6	7.6	7.6	92	6.3	5	W	0.42	17	W	6.1	7.7	6.2	4.4	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	04:25	7.5	7.6	7.5	92	6.3	6	W	0.50	14	WNW	5.7	7.6	5.8	4.1	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	04:30	7.4	7.5	7.4	92	6.2	7	W	0.58	13	NW	5.4	7.6	5.5	3.7	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	04:35	7.4	7.4	7.4	92	6.2	4	W	0.33	11	WNW	6.4	7.6	6.5	4.7	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
22/12/2018	04:40	7.4	7.4	7.4	92	6.2	3	W	0.25	7	WNW	6.9	7.6	7.1	5.3	29.70	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
22/12/2018	04:45	7.4	7.4	7.4	92	6.2	3	WNW	0.25	5	WNW	6.9	7.5	7.0	5.2	29.71	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.1	15	5
22/12/2018	04:50	7.4	7.4	7.4	93	6.3	3	NW	0.25	7	WNW	6.9	7.5	7.0	5.2	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.1	15	5
22/12/2018	04:55	7.4	7.4	7.3	93	6.3	3	NW	0.25	4	NW	6.9	7.5	7.0	5.2	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.1	15	5
22/12/2018	05:00	7.3	7.4	7.3	93	6.3	2	NW	0.17	4	NW	7.3	7.4	7.4	5.7	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	05:05	7.3	7.4	7.3	93	6.3	4	SW	0.33	9	W	6.3	7.4	6.4	4.6	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	05:10	7.4	7.4	7.3	93	6.3	8	WSW	0.67	19	WSW	5.0	7.5	5.1	3.4	29.71	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	05:15	7.4	7.4	7.4	94	6.5	7	W	0.58	14	W	5.3	7.5	5.4	3.7	29.71	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	05:20	7.4	7.4	7.4	94	6.5	6	W	0.50	14	W	5.6	7.5	5.7	3.9	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	05:25	7.4	7.4	7.4	94	6.5	7	W	0.58	17	W	5.3	7.5	5.4	3.7	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	05:30	7.4	7.4	7.4	94	6.5	5	WSW	0.42	11	W	5.9	7.5	6.1	4.3	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	05:35	7.4	7.4	7.4	94	6.5	7	W	0.58	15	WNW	5.3	7.5	5.4	3.7	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	05:40	7.4	7.4	7.4	94	6.5	7	W	0.58	15	W	5.3	7.5	5.4	3.7	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	05:45	7.4	7.4	7.4	94	6.5	8	W	0.67	17	W	5.0	7.5	5.1	3.4	29.72	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	05:50	7.4	7.4	7.4	94	6.5	6	WNW	0.50	11	W	5.6	7.5	5.7	3.9	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	05:55	7.4	7.4	7.4	94	6.5	7	W	0.58	19	W	5.3	7.5	5.4	3.7	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	06:00	7.3	7.4	7.3	94	6.4	8	W	0.67	17	W	4.9	7.4	5.0	3.3	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	06:05	7.4	7.4	7.3	94	6.5	8	W	0.67	18	W	5.0	7.5	5.1	3.4	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	06:10	7.4	7.4	7.4	94	6.5	8	W	0.67	14	W	5.0	7.5	5.1	3.4	29.73	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	06:15	7.4	7.4	7.4	94	6.5	8	W	0.67	16	W	5.1	7.6	5.2	3.5	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	06:20	7.5	7.5	7.4	94	6.6	9	W	0.75	18	W	4.8	7.6	4.9	3.3	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	06:25	7.6	7.6	7.5	94	6.7	8	WSW	0.67	19	W	5.2	7.7	5.3	3.6	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	6.7	15	5
22/12/2018	06:30	7.6	7.6	7.6	93	6.5	10	W	0.83	21	W	4.6	7.7	4.7	3.1	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	06:35	7.6	7.6	7.6	93	6.6	7	W	0.58	17	W	5.6	7.7	5.7	3.9	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	06:40	7.7	7.7	7.6	93	6.6	9	W	0.75	23	W	5.0	7.8	5.1	3.5	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	06:45	7.7	7.7	7.7	93	6.7	9	W	0.75	18	WNW	5.1	7.8	5.2	3.6	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	06:50	7.7	7.7	7.7	93	6.7	8	W	0.67	22	W	5.4	7.8	5.5	3.8	29.74	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
22/12/2018	06:55	7.7	7.7	7.7	92	6.5	8	W	0.67	15	WNW	5.4	7.8	5.5	3.8	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	15	5
22/12/2018	07:00	7.7	7.7	7.7	92	6.5	8	W	0.67	16	W	5.4	7.8	5.5	3.8	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	15	5
22/12/2018	07:05	7.7	7.7	7.7	92	6.5	8	W	0.67	24	W	5.4	7.8	5.5	3.8	29.75	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.8	15	5
22/12/2018	07:10	7.8	7.8	7.7	92	6.6	7	W	0.58	15	WNW	5.8	7.9	5.9	4.1	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	07:15	7.8	7.8	7.8	92	6.6	8	W	0.67	21	WNW	5.4	7.9	5.6	3.9	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
22/12/2018	07:20	7.8	7.8	7.8	92	6.6	7	W	0.58	16	W	5.8	7.9	5.9	4.1	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	07:25	7.8	7.8	7.8	92	6.6	7	W	0.58	16	W	5.8	7.9	5.9	4.1	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	07:30	7.8	7.8	7.8	91	6.4	7	W	0.58	15	W	5.8	7.8	5.8	4.1	29.76	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
22/12/2018	07:35	7.8	7.8	7.8	91	6.5	10	W	0.83	19	W	4.8	7.9	4.9	3.3	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
22/12/2018	07:40	7.8	7.8	7.8	91	6.5	7	WSW	0.58	15	W	5.8	7.9	5.9	4.1	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
22/12/2018	07:45	7.8	7.8	7.8	91	6.5	7	W	0.58	13	W	5.8	7.9	5.9	4.1	29.77	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
22/12/2018	07:50	7.8	7.8	7.8	91	6.5	9	W	0.75	16	W	5.2	7.9	5.2	3.6	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
22/12/2018	07:55	7.9	7.9	7.8	91	6.5	7	W	0.58	18	W	5.9	8.0	6.0	4.2	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	13	5
22/12/2018	08:00	7.9	7.9	7.8	91	6.5	7	W	0.58	16	W	5.9	8.0	6.0	4.2	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	53	6.1	6.1	6.1	7.8	13	5
22/12/2018	08:05	7.9	7.9	7.8	91	6.5	8	W	0.67	19	SW	5.6	8.0	5.7	4.0	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
22/12/2018	08:10	7.9	7.9	7.9	91	6.5	8	WSW	0.67	20	W	5.6	8.0	5.7	4.0	29.78	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	08:15	7.9	7.9	7.9	91	6.5	7	W	0.58	15	WNW	5.9	8.0	6.0	4.2	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	15	5
22/12/2018	08:20	7.9	7.9	7.9	91	6.5	6	W	0.50	12	WNW	6.2	8.0	6.3	4.5	29.79	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	08:25	7.8	7.9	7.8	91	6.5	5	SW	0.42	10	WSW	6.4	7.9	6.5	4.7	29.80	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
22/12/2018	08:30	7.8	7.9	7.8	91	6.5	6	SW	0.50	14	W	6.1	7.9	6.2	4.4	29.79	0.0	0.0	2	0.01	5	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	15	5
22/12/2018	08:35	7.9	7.9	7.8	91	6.5	5	SW	0.42	11	W	6.5	8.0	6.6	4.9	29.80	0.0	0.0	4	0.03	5	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
22/12/2018	08:40	7.9	7.9	7.8	91	6.5	6	WSW	0.50	13	WSW	6.2	8.0	6.3	4.6	29.81	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
22/12/2018	08:45	7.9	7.9	7.8	91	6.5	7	W	0.58	18	W	5.9	8.0	6.0	4.4	29.81	0.0	0.0	13	0.09	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
22/12/2018	08:50	7.9	7.9	7.9	91	6.5	7	WSW	0.58	17	W	5.9	8.0	6.0	4.5	29.81	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	13	5
22/12/2018	08:55	7.9	7.9	7.8	91	6.5	9	W	0.75	18	W	5.2	8.0	5.3	3.9	29.81	0.0	0.0	18	0.13	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	12	5
22/12/2018	09:00	7.9	7.9	7.9	91	6.5	8	WSW	0.67	17	W	5.6	8.0	5.7	4.2	29.81	0.0	0.0	13	0.09	18	0	0.00	0.00	0.04	0.00	0.03	53	6.1	6.1	6.1	7.8	10	5
22/12/2018	09:05	7.9	7.9	7.9	91	6.5	6	W	0.50	14	W	6.2	8.0	6.3	4.7	29.82	0.0	0.0	14	0.10	19	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	6	5
22/12/2018	09:10	7.9	7.9	7.9	91	6.5	6	SW	0.50	12	SW	6.2	8.0	6.3	4.9	29.82	0.0	0.0	30	0.22	39	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	7.8	3	5
22/12/2018	09:15	7.9	7.9	7.9	91	6.5	8	SW	0.67	14	SSW	5.6	8.0	5.7	4.4	29.82	0.0	0.0	37	0.27	39	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	8.3	1	5
22/12/2018	09:20	7.9	7.9	7.9	91	6.5	8	SW	0.67	17	SSW	5.6	8.0	5.7	4.4	29.83	0.0	0.0	36	0.26	44	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	8.3	0	5
22/12/2018	09:25	7.9	7.9	7.9	91	6.5	6	SW	0.50	12	W	6.2	8.0	6.3	4.9	29.83	0.0	0.0	27	0.19	35	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	7.8	3	5
22/12/2018	09:30	7.9	7.9	7.9	91	6.6	6	SW	0.50	14	S	6.3	8.1	6.4	5.1	29.83	0.0	0.0	32	0.23	40	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	7.8	1	5
22/12/2018	09:35	7.9	7.9	7.9	91	6.5	7	W	0.58	13	W	5.9	8.0	6.0	4.7	29.83	0.0	0.0	34	0.24	37	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	7.8	0	5
22/12/2018	09:40	7.9	7.9	7.9	91	6.6	7	W	0.58	15	WNW	6.0	8.1	6.1	4.8	29.83	0.0	0.0	38	0.27	46	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.7	6.1	8.3	0	5
22/12/2018	09:45	7.9	7.9	7.9	91	6.6	7	WSW	0.58	13	W	6.0	8.1	6.1	4.8	29.84	0.0	0.0	32	0.23	35	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	8.3	0	5
22/12/2018	09:50	7.9	7.9	7.9	91	6.6	9	W	0.75	18	W	5.3	8.1	5.4	4.2	29.84	0.0	0.0	31	0.22	37	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	8.3	0	5
22/12/2018	09:55	8.0	8.0	7.9	90	6.5	8	W	0.67	17	W	5.7	8.1	5.7	4.4	29.85	0.0	0.0	27	0.19	28	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	7.8	0	5
22/12/2018	10:00	7.9	8.0	7.9	90	6.4	7	W	0.58	14	SSW	6.0	8.0	6.1	4.7	29.84	0.0	0.0	34	0.24	40	0	0.00	0.00	0.04	0.00	0.03	52	6.1	6.1	6.1	7.8	0	5
22/12/2018	10:05	7.9	8.0	7.9	90	6.4	7	SW	0.58	16	W	6.0	8.0	6.1	4.7	29.85	0.0	0.0	27	0.19	33	0	0.00	0.00	0.04	0.00	0.00	52	6.1	6.1	6.1	7.8	0	5
22/12/2018	10:10	7.9	7.9	7.9	90	6.4	6	SW	0.50	14	WSW	6.3	8.0	6.3	5.9	29.85	0.0	0.0	35	0.25	47	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
22/12/2018	10:15	7.9	7.9	7.9	90	6.4	6	WSW	0.50	15	WNW	6.3	8.0	6.3	6.3	29.85	0.0	0.0	51	0.37	56	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
22/12/2018	10:20	8.0	8.0	7.9	90	6.5	9	W	0.75	19	W	5.3	8.1	5.4	5.5	29.85	0.0	0.0	57	0.41	67	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
22/12/2018	10:25	8.1	8.1	8.0	90	6.6	6	SW	0.50	11	W	6.4	8.2	6.6	6.7	29.85	0.0	0.0	60	0.43	79	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
22/12/2018	10:30	8.2	8.2	8.1	90	6.6	9	SW	0.75	18	SW	5.6	8.3	5.7	5.7	29.85	0.0	0.0	55	0.39	63	0	0.00	0.00	0.04	0.00	0.00	52	6.7	7.2	6.1	8.3	0	5
22/12/2018	10:35	8.2	8.2	8.2	89	6.5	8	W	0.67	18	WSW	5.9	8.3	6.0	5.8	29.86	0.0	0.0	43	0.31	47	0	0.00	0.00	0.04	0.00	0.00	52	6.7	7.2	6.1	7.8	2	5
22/12/2018	10:40	8.2	8.2	8.2	90	6.6	7	W	0.58	14	W	6.2	8.3	6.3	6.4	29.86	0.0	0.0	57	0.41	69	0	0.00	0.00	0.04	0.00	0.00	52	6.7	7.2	6.1	7.8	1	5
22/12/2018	10:45	8.2	8.2	8.2	90	6.6	7	SW	0.58	13	W	6.2	8.3	6.3	7.1	29.86	0.0	0.0	87	0.62	127	0	0.00	0.00	0.04	0.00	0.00	52	6.7	7.2	6.1	8.3	0	5
22/12/2018	10:50	8.3	8.3	8.2	90	6.7	10	W	0.83	21	W	5.4	8.4	5.5	6.2	29.86	0.0	0.0	87	0.62	118	0	0.00	0.00	0.04	0.00	0.00	52	6.7	7.8	6.1	8.3	7	5
22/12/2018	10:55	8.3	8.3	8.3	90	6.7	8	W	0.67	15	WNW	6.0	8.4	6.1	5.9	29.86	0.0	0.0	41	0.29	54	0	0.00	0.00	0.04	0.00	0.00	52	6.7	7.2	6.1	7.2	15	5
22/12/2018	11:00	8.2	8.3	8.2	90	6.7	9	W	0.75	16	W	5.6	8.3	5.7	5.2	29.86	0.0	0.0	30	0.22	33	0	0.00	0.00	0.04	0.00	0.03	52	6.7	6.7	6.1	7.2	15	5
22/12/2018	11:05	8.2	8.2	8.2	90	6.6	8	WSW	0.67	17	W	5.9	8.3	6.0	5.7	29.86	0.0	0.0	41	0.29	49	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.2	15	5
22/12/2018	11:10	8.1	8.2	8.1	90	6.5	7	W	0.58	17	WNW	6.1	8.2	6.2	6.1	29.86	0.0	0.0	46	0.33	51	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.2	15	5
22/12/2018	11:15	8.0	8.1	8.0	91	6.6	9	W	0.75	17	W	5.3	8.1	5.4	5.6	29.86	0.0	0.0	56	0.40	65	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	15	5
22/12/2018	11:20	8.0	8.0	8.0	91	6.6	9	WSW	0.75	19	WSW	5.3	8.1	5.4	5.7	29.86	0.2	0.0	61	0.44	67	0	0.00	0.00	0.04	0.00	0.00	52	6.7	7.2	6.1	7.2	15	5
22/12/2018	11:25	8.0	8.0	7.9	91	6.6	9	W	0.75	19	W	5.3	8.1	5.4	5.1	29.86	0.2	2.0	36	0.26	47	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	6.7	15	5
22/12/2018	11:30	7.9	8.0	7.9	91	6.6	8	W	0.67	16	W	5.6	8.1	5.7	5.0	29.87	0.4	5.6	24	0.17	25	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.7	6.1	6.7	15	5
22/12/2018	11:35	7.8	7.9	7.8	91	6.5	9	WNW	0.75	17	NW	5.2	7.9	5.2	4.3	29.87	0.0	2.2	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.7	6.1	6.7	15	5
22/12/2018	11:40	7.7	7.8	7.7	92	6.5	6	W	0.50	11	W	6.0	7.8	6.1	5.7	29.87	0.2	2.2	38	0.27	46	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.7	6.1	6.7	15	5
22/12/2018	11:45	7.7	7.7	7.7	93	6.7	7	W	0.58	12	WNW	5.7	7.8	5.8	6.8	29.88	0.2	2.2	95	0.68	130	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.2	15	5
22/12/2018	11:50	7.8	7.8	7.7	93	6.7	6	W	0.50	15	WNW	6.1	7.9	6.2	6.7	29.88	0.0	1.4	73	0.52	84	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.2	15	5
22/12/2018	11:55	7.8	7.8	7.7	93	6.7	10	W	0.83	21	W	4.8	7.9	4.9	4.6	29.88	0.0	0.8	39	0.28	47	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.2	15	5
22/12/2018	12:00	7.7	7.8	7.7	93	6.7	6	W	0.50	12	WNW	6.0	7.8	6.1	5.6	29.88	0.4	3.2	31	0.22	33	0	0.00	0.00	0.04	0.00	0.03	51	6.7	6.7	6.1	6.7	15	5
22/12/2018	12:05	7.7	7.7	7.7	93	6.7	6	W	0.50	13	W	6.0	7.8	6.1	6.2	29.89	0.0	2.2	56	0.40	91	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.2	15	5
22/12/2018	12:10	7.7	7.7	7.7	93	6.7	8	W	0.67	15	WNW	5.4	7.8	5.5	5.1	29.89	0.0	1.2	36	0.26	40	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	6.7	15	5
22/12/2018	12:15	7.7	7.7	7.7	94	6.8	9	W	0.75	21	W	5.0	7.8	5.1	5.4	29.88	0.2	1.2	66	0.47	84	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.2	15	5
22/12/2018	12:20	7.7	7.7	7.7	94	6.8	5	W	0.42	13	W	6.3	7.8	6.4	6.3	29.89	0.0	1.0	50	0.36	58	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.2	15	5
22/12/2018	12:25	7.7	7.7	7.7	94	6.8	7	W	0.58	17	W	5.7	7.8	5.8	5.9	29.89	0.0	1.0	58	0.42	67	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.2	15	5
22/12/2018	12:30	7.7	7.7	7.7	94	6.8	9	W	0.75	20	WNW	5.1	7.9	5.2	5.7	29.89	0.0	0.0	76	0.54	83	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.8	15	5
22/12/2018	12:35	7.7	7.8	7.7	93	6.7	8	W	0.67	15	W	5.4	7.8	5.5	5.7	29.89	0.0	0.0	59	0.42	63	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.7	6.1	7.8	15	5
22/12/2018	12:40	7.8	7.8	7.7	93	6.7	6	W	0.50	12	NW	6.1	7.9	6.2	6.4	29.89	0.0	0.0	61	0.44	63	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.7	6.1	7.8	15	5
22/12/2018	12:45	7.8	7.8	7.8	93	6.7	6	W	0.50	16	W	6.1	7.9	6.2	6.6	29.89	0.0	0.0	69	0.49	72	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.8	15	5
22/12/2018	12:50	7.8	7.9	7.8	93	6.8	5	W	0.42	12	WSW	6.4	7.9	6.6	6.9	29.90	0.0	0.0	65	0.47	70	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.2	6.1	7.8	15	5
22/12/2018	12:55	7.9	7.9	7.8	93	6.8	6	WSW	0.50	13	WSW	6.2	8.0	6.3	7.7	29.90	0.0	0.0	114	0.82	148	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.8	6.1	8.3	15	5
22/12/2018	13:00	8.0	8.0	7.9	93	6.9	6	W	0.50	13	W	6.3	8.1	6.4	7.8	29.90	0.0	0.0	112	0.80	156	0	0.00	0.00	0.04	0.00	0.03	51	6.7	7.8	6.1	8.3	15	5
22/12/2018	13:05	8.0	8.0	7.9	93	6.9	5	W	0.42	12	W	6.7	8.1	6.8	7.5	29.91	0.0	0.0	83	0.59	109	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.8	6.1	7.8	15	5
22/12/2018	13:10	8.1	8.1	8.0	93	7.0	7	W	0.58	15	NW	6.1	8.2	6.2	7.4	29.91	0.0	0.0	104	0.75	127	0	0.00	0.00	0.04	0.00	0.00	51	6.7	8.3	6.1	8.3	15	5
22/12/2018	13:15	8.1	8.1	8.1	92	6.8	9	W	0.75	16	WSW	5.4	8.2	5.6	6.0	29.91	0.0	0.0	73	0.52	83	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.8	6.1	8.3	15	5
22/12/2018	13:20	8.1	8.1	8.1	92	6.8	7	W	0.58	11	W	6.1	8.2	6.2	6.7	29.90	0.0	0.0	71	0.51	79	0	0.00	0.00	0.04	0.00	0.00	51	6.7	7.8	6.1	8.3	15	5
22/12/2018	13:25	8.1	8.1	8.1	92	6.8	6	W	0.50	16	W	6.4	8.2	6.5	6.4	29.91	0.0	0.0	46	0.33	53	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.8	6.1	7.8	15	5
22/12/2018	13:30	8.1	8.1	8.1	92	6.8	6	W	0.50	12	WNW	6.4	8.2	6.5	6.3	29.91	0.0	0.0	43	0.31	47	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
22/12/2018	13:35	8.1	8.1	8.0	92	6.8	8	W	0.67	16	W	5.7	8.2	5.8	5.4	29.91	0.0	0.0	35	0.25	44	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
22/12/2018	13:40	8.1	8.1	8.0	92	6.8	8	W	0.67	19	WSW	5.7	8.2	5.8	5.2	29.92	0.0	0.0	24	0.17	30	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
22/12/2018	13:45	8.0	8.1	8.0	91	6.6	7	W	0.58	12	W	6.1	8.1	6.2	5.9	29.92	0.0	0.0	42	0.30	56	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.2	15	5
22/12/2018	13:50	7.9	8.0	7.9	92	6.7	5	W	0.42	12	W	6.6	8.1	6.7	6.6	29.92	0.0	0.0	47	0.34	54	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.2	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
22/12/2018	13:55	7.9	7.9	7.9	92	6.7	4	WNW	0.33	10	W	7.0	8.1	7.1	7.3	29.92	0.0	0.0	61	0.44	86	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
22/12/2018	14:00	8.1	8.1	7.9	92	6.9	5	W	0.42	10	WNW	6.8	8.2	6.9	8.0	29.92	0.0	0.0	121	0.87	137	0	0.00	0.00	0.04	0.00	0.03	50	6.7	7.8	6.1	8.9	15	5
22/12/2018	14:05	8.1	8.1	8.1	90	6.6	7	W	0.58	18	W	6.2	8.2	6.3	7.1	29.92	0.0	0.0	90	0.65	105	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.8	6.1	8.9	15	5
22/12/2018	14:10	8.1	8.1	8.1	90	6.5	9	W	0.75	18	NNW	5.4	8.2	5.6	5.6	29.92	0.0	0.0	53	0.38	63	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.1	8.3	15	5
22/12/2018	14:15	8.0	8.1	8.0	90	6.5	6	W	0.50	12	WNW	6.3	8.1	6.4	5.9	29.93	0.0	0.0	33	0.24	37	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.1	7.8	15	5
22/12/2018	14:20	7.9	8.0	7.9	90	6.4	6	W	0.50	17	W	6.3	8.0	6.3	4.9	29.93	0.0	0.0	22	0.16	30	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.1	7.8	15	5
22/12/2018	14:25	8.0	8.0	7.9	90	6.5	8	W	0.67	17	W	5.7	8.1	5.7	4.4	29.93	0.0	0.0	25	0.18	35	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.1	7.2	15	5
22/12/2018	14:30	7.9	8.0	7.9	91	6.5	7	W	0.58	16	WSW	5.9	8.0	6.0	5.0	29.93	0.0	0.0	53	0.38	65	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.2	15	5
22/12/2018	14:35	7.8	7.9	7.8	91	6.5	7	W	0.58	14	WNW	5.8	7.9	5.9	4.5	29.94	0.0	0.0	21	0.15	28	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	6.7	15	5
22/12/2018	14:40	7.8	7.8	7.8	91	6.4	7	W	0.58	12	W	5.8	7.8	5.8	4.5	29.93	0.0	0.0	27	0.19	30	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	7.2	15	5
22/12/2018	14:45	7.7	7.8	7.7	91	6.3	8	W	0.67	16	WNW	5.4	7.8	5.4	4.2	29.94	0.0	0.0	27	0.19	28	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	7.8	15	5
22/12/2018	14:50	7.7	7.8	7.7	90	6.2	9	W	0.75	18	WNW	5.1	7.8	5.1	3.9	29.94	0.0	0.0	26	0.19	26	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	7.8	15	5
22/12/2018	14:55	7.7	7.7	7.7	90	6.2	9	W	0.75	18	W	5.1	7.8	5.1	3.9	29.94	0.0	0.0	26	0.19	26	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	7.8	15	5
22/12/2018	15:00	7.7	7.7	7.7	89	6.0	10	W	0.83	19	WNW	4.7	7.8	4.8	3.6	29.94	0.0	0.0	24	0.17	28	0	0.00	0.00	0.04	0.00	0.03	51	6.7	5.6	6.1	7.8	15	5
22/12/2018	15:05	7.7	7.7	7.7	89	6.0	9	W	0.75	18	W	5.1	7.8	5.1	3.8	29.94	0.0	0.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	7.8	15	5
22/12/2018	15:10	7.7	7.7	7.7	89	6.0	8	W	0.67	14	WSW	5.4	7.8	5.4	4.0	29.95	0.0	0.0	16	0.11	19	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	7.2	15	5
22/12/2018	15:15	7.7	7.7	7.7	89	6.0	7	W	0.58	14	WNW	5.7	7.8	5.8	4.2	29.95	0.0	0.0	10	0.07	14	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	7.2	15	5
22/12/2018	15:20	7.7	7.7	7.7	89	6.0	8	W	0.67	15	W	5.4	7.8	5.4	3.9	29.95	0.0	0.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	6.7	15	5
22/12/2018	15:25	7.7	7.7	7.7	90	6.2	6	NW	0.50	14	NW	6.0	7.8	6.1	4.5	29.95	0.0	0.0	10	0.07	14	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	6.7	15	5
22/12/2018	15:30	7.7	7.7	7.7	90	6.1	4	W	0.33	7	W	6.7	7.7	6.7	5.2	29.95	0.0	0.0	11	0.08	14	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	6.7	15	5
22/12/2018	15:35	7.6	7.7	7.6	90	6.1	6	WNW	0.50	11	W	5.8	7.7	5.9	4.3	29.95	0.0	0.0	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	6.7	15	5
22/12/2018	15:40	7.6	7.6	7.6	90	6.1	3	WSW	0.25	8	W	7.1	7.7	7.2	5.6	29.96	0.0	0.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.7	15	5
22/12/2018	15:45	7.6	7.6	7.6	90	6.0	4	W	0.33	12	W	6.6	7.6	6.6	4.9	29.96	0.0	0.0	2	0.01	5	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.7	15	5
22/12/2018	15:50	7.6	7.6	7.6	90	6.0	6	WSW	0.50	11	W	5.8	7.6	5.8	4.1	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.7	15	5
22/12/2018	15:55	7.5	7.6	7.5	90	6.0	4	WSW	0.33	12	W	6.5	7.6	6.6	4.8	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	7.2	15	5
22/12/2018	16:00	7.5	7.6	7.5	90	6.0	5	W	0.42	10	SSW	6.1	7.6	6.1	4.4	29.96	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	51	6.7	5.6	6.1	6.7	15	5
22/12/2018	16:05	7.5	7.5	7.5	90	6.0	8	W	0.67	18	W	5.1	7.6	5.2	3.6	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.0	6.1	7.2	15	5
22/12/2018	16:10	7.6	7.6	7.5	89	5.9	8	W	0.67	16	WNW	5.2	7.6	5.2	3.6	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	7.2	15	5
22/12/2018	16:15	7.6	7.6	7.6	89	5.9	4	NW	0.33	11	W	6.6	7.6	6.6	4.9	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	7.2	15	5
22/12/2018	16:20	7.6	7.6	7.6	89	5.9	5	WNW	0.42	10	WNW	6.1	7.6	6.2	4.4	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	15	5
22/12/2018	16:25	7.6	7.6	7.6	89	5.9	5	SW	0.42	10	WNW	6.1	7.6	6.2	4.4	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	15	5
22/12/2018	16:30	7.6	7.6	7.6	89	5.9	5	WSW	0.42	10	SW	6.1	7.6	6.2	4.4	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	15	5
22/12/2018	16:35	7.6	7.6	7.6	89	5.9	4	SW	0.33	8	SW	6.6	7.6	6.6	4.9	29.97	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	15	5
22/12/2018	16:40	7.6	7.6	7.6	90	6.0	5	WSW	0.42	10	WNW	6.1	7.6	6.2	4.4	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	16:45	7.6	7.6	7.6	90	6.0	5	W	0.42	10	WNW	6.1	7.6	6.2	4.4	29.98	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	16:50	7.6	7.6	7.6	90	6.0	3	W	0.25	8	WNW	7.1	7.6	7.1	5.4	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	16:55	7.6	7.6	7.6	90	6.0	4	W	0.33	10	W	6.6	7.6	6.6	4.9	29.98	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	17:00	7.6	7.6	7.6	91	6.2	5	W	0.42	9	NW	6.1	7.6	6.2	4.5	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	6.1	6.1	6.1	15	5
22/12/2018	17:05	7.5	7.6	7.5	91	6.1	3	WSW	0.25	8	W	7.0	7.6	7.1	5.4	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	17:10	7.4	7.5	7.4	91	6.1	4	WSW	0.33	9	W	6.4	7.5	6.4	4.7	29.99	0.2	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	17:15	7.4	7.4	7.4	92	6.2	4	WSW	0.33	10	SW	6.3	7.5	6.4	4.8	29.99	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	17:20	7.3	7.4	7.3	92	6.1	4	WSW	0.33	7	WSW	6.3	7.4	6.3	4.7	29.99	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
22/12/2018	17:25	7.3	7.3	7.3	92	6.1	4	SW	0.33	6	W	6.2	7.3	6.3	4.6	29.99	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	17:30	7.2	7.3	7.2	92	6.0	4	SW	0.33	8	SW	6.2	7.3	6.2	4.5	29.99	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	17:35	7.2	7.2	7.2	92	6.0	4	WSW	0.33	9	SW	6.2	7.3	6.2	4.5	29.99	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	17:40	7.2	7.2	7.2	93	6.1	5	SSW	0.42	9	SSW	5.7	7.3	5.8	4.1	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	17:45	7.2	7.2	7.2	93	6.1	6	SW	0.50	11	WSW	5.3	7.3	5.4	3.7	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	17:50	7.1	7.2	7.1	93	6.1	7	SW	0.58	13	WSW	5.0	7.2	5.1	3.4	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	17:55	7.1	7.1	7.1	93	6.1	4	SW	0.33	8	W	6.1	7.2	6.2	4.4	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:00	7.1	7.1	7.1	93	6.0	7	SW	0.58	15	SW	4.9	7.2	5.0	3.3	29.99	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:05	7.1	7.1	7.0	93	6.0	5	SSW	0.42	10	W	5.6	7.2	5.7	3.9	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:10	7.0	7.1	7.0	93	5.9	5	SW	0.42	9	SSW	5.5	7.1	5.6	3.9	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:15	7.1	7.1	7.0	93	6.0	5	W	0.42	13	WSW	5.6	7.2	5.7	3.9	30.00	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:20	7.1	7.1	7.0	93	6.0	2	W	0.17	5	W	7.1	7.2	7.2	5.4	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:25	7.1	7.1	7.1	93	6.0	2	W	0.17	4	W	7.1	7.2	7.2	5.4	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:30	7.1	7.1	7.1	93	6.0	4	W	0.33	8	SSW	5.9	7.2	6.1	4.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:35	7.0	7.1	7.0	93	5.9	6	SSW	0.50	13	SW	5.1	7.1	5.2	3.5	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:40	6.9	7.0	6.9	93	5.9	7	SSW	0.58	11	SSW	4.8	7.1	4.9	3.2	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:45	6.9	6.9	6.9	93	5.8	8	SSW	0.67	11	SSW	4.4	7.0	4.5	2.9	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:50	6.9	6.9	6.9	93	5.8	8	SSW	0.67	12	SSW	4.4	7.0	4.5	2.9	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.1	15	5
22/12/2018	18:55	6.8	6.9	6.8	93	5.8	7	SW	0.58	11	SSW	4.7	6.9	4.8	3.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	19:00	6.8	6.8	6.8	93	5.8	6	SW	0.50	11	SSW	4.9	6.9	5.1	3.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	19:05	6.8	6.8	6.8	93	5.7	8	SSW	0.67	13	SSW	4.2	6.9	4.3	2.7	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	6.1	15	5
22/12/2018	19:10	6.8	6.8	6.7	93	5.7	9	SSW	0.75	13	SSW	3.9	6.9	4.0	2.4	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	6.7	15	5
22/12/2018	19:15	6.7	6.8	6.7	93	5.7	8	SSW	0.67	14	SSW	4.2	6.8	4.3	2.7	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	6.1	15	5
22/12/2018	19:20	6.7	6.7	6.7	92	5.5	9	SSW	0.75	13	SSW	3.8	6.8	3.9	2.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	6.1	15	5
22/12/2018	19:25	6.7	6.7	6.7	92	5.5	10	SSW	0.83	15	SSW	3.5	6.7	3.6	2.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	6.1	15	5
22/12/2018	19:30	6.7	6.7	6.7	92	5.5	10	SSW	0.83	16	SSW	3.5	6.7	3.6	2.1	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	6.7	15	5
22/12/2018	19:35	6.7	6.7	6.7	93	5.6	9	SSW	0.75	15	SSW	3.8	6.8	3.9	2.3	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	19:40	6.7	6.7	6.7	93	5.7	9	SSW	0.75	17	SSW	3.8	6.8	3.9	2.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	19:45	6.8	6.8	6.7	92	5.6	8	SSW	0.67	13	SSW	4.2	6.8	4.3	2.7	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	19:50	6.8	6.8	6.7	92	5.6	9	SSW	0.75	14	SSW	3.9	6.8	3.9	2.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	6.7	15	5
22/12/2018	19:55	6.7	6.7	6.7	92	5.5	8	SSW	0.67	13	SSW	4.2	6.8	4.2	2.6	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	6.7	15	5
22/12/2018	20:00	6.7	6.7	6.7	92	5.5	10	SSW	0.83	15	SSW	3.6	6.8	3.6	2.1	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	20:05	6.7	6.8	6.7	92	5.5	7	SSW	0.58	13	SSW	4.5	6.8	4.6	2.8	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	20:10	6.8	6.8	6.7	92	5.6	7	SW	0.58	11	SSW	4.6	6.8	4.6	2.9	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	20:15	6.8	6.8	6.7	92	5.6	7	SSW	0.58	11	SSW	4.6	6.8	4.6	2.9	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	20:20	6.8	6.8	6.8	92	5.6	8	SSW	0.67	13	SSW	4.2	6.8	4.3	2.7	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	20:25	6.8	6.8	6.8	92	5.6	8	SSW	0.67	12	SSW	4.2	6.8	4.3	2.7	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	20:30	6.8	6.8	6.8	92	5.6	10	SSW	0.83	16	SSW	3.7	6.9	3.8	2.3	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	6.7	15	5
22/12/2018	20:35	6.8	6.8	6.8	92	5.6	8	SW	0.67	13	WSW	4.3	6.9	4.4	2.8	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	15	5
22/12/2018	20:40	6.8	6.8	6.8	92	5.6	8	SW	0.67	13	SSW	4.3	6.9	4.4	2.8	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	15	5
22/12/2018	20:45	6.8	6.8	6.8	92	5.6	7	SW	0.58	12	SSW	4.7	6.9	4.7	3.0	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	15	5
22/12/2018	20:50	6.8	6.8	6.8	92	5.6	7	SW	0.58	11	SSW	4.7	6.9	4.7	3.0	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.6	6.1	6.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
22/12/2018	20:55	6.8	6.8	6.8	92	5.6	7	SW	0.58	11	SW	4.7	6.9	4.7	3.0	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	15	5
22/12/2018	21:00	6.8	6.8	6.8	92	5.6	8	SW	0.67	13	SW	4.2	6.8	4.3	2.7	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	15	5
22/12/2018	21:05	6.8	6.8	6.8	92	5.6	8	SW	0.67	11	SSW	4.2	6.8	4.3	2.7	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	15	5
22/12/2018	21:10	6.8	6.8	6.8	92	5.6	7	SW	0.58	11	WSW	4.6	6.8	4.6	2.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	15	5
22/12/2018	21:15	6.8	6.8	6.8	92	5.6	9	SW	0.75	14	SSW	3.9	6.8	3.9	2.4	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.6	6.1	6.7	14	5
22/12/2018	21:20	6.8	6.8	6.8	92	5.6	7	SW	0.58	13	WSW	4.6	6.8	4.6	2.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.6	6.1	6.7	14	5
22/12/2018	21:25	6.8	6.8	6.8	92	5.6	8	SW	0.67	12	SSW	4.2	6.8	4.3	2.7	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.6	6.1	6.7	13	5
22/12/2018	21:30	6.8	6.8	6.8	92	5.6	7	SSW	0.58	12	SSW	4.6	6.8	4.6	2.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.6	6.1	6.7	12	5
22/12/2018	21:35	6.8	6.8	6.8	92	5.6	8	SSW	0.67	13	SSW	4.2	6.8	4.3	2.7	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	11	5
22/12/2018	21:40	6.7	6.8	6.7	91	5.4	7	SSW	0.58	12	SSW	4.5	6.8	4.6	2.8	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	10	5
22/12/2018	21:45	6.7	6.8	6.7	91	5.4	8	SSW	0.67	14	SSW	4.2	6.8	4.2	2.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	7	5
22/12/2018	21:50	6.7	6.7	6.7	91	5.4	8	SW	0.67	14	SSW	4.2	6.8	4.2	2.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	4	5
22/12/2018	21:55	6.7	6.7	6.7	91	5.3	8	SW	0.67	13	SW	4.1	6.7	4.2	2.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	3	5
22/12/2018	22:00	6.7	6.7	6.7	91	5.3	9	SW	0.75	13	SW	3.8	6.7	3.8	2.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	2	5
22/12/2018	22:05	6.7	6.7	6.7	91	5.3	8	SW	0.67	11	SW	4.1	6.7	4.2	2.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	6.7	1	5
22/12/2018	22:10	6.7	6.7	6.7	91	5.3	9	SW	0.75	13	SW	3.8	6.7	3.8	2.3	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.7	0	5
22/12/2018	22:15	6.7	6.7	6.7	91	5.3	9	SW	0.75	13	SW	3.8	6.7	3.8	2.3	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.7	0	5
22/12/2018	22:20	6.7	6.7	6.7	91	5.3	8	SW	0.67	12	SW	4.1	6.7	4.2	2.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.7	0	5
22/12/2018	22:25	6.7	6.7	6.7	91	5.3	9	SW	0.75	13	WSW	3.8	6.7	3.8	2.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.7	0	5
22/12/2018	22:30	6.7	6.7	6.7	91	5.3	10	SW	0.83	14	SSW	3.5	6.7	3.6	2.1	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	0	5
22/12/2018	22:35	6.7	6.7	6.7	91	5.3	9	SW	0.75	14	SW	3.8	6.7	3.8	2.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	0	5
22/12/2018	22:40	6.7	6.7	6.7	91	5.4	8	SW	0.67	12	SW	4.2	6.8	4.2	2.6	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	6.7	0	5
22/12/2018	22:45	6.7	6.7	6.7	91	5.3	8	SW	0.67	12	WSW	4.1	6.7	4.2	2.6	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.7	0	5
22/12/2018	22:50	6.7	6.7	6.7	91	5.3	9	SW	0.75	13	WSW	3.8	6.7	3.8	2.3	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
22/12/2018	22:55	6.6	6.7	6.6	91	5.2	6	SW	0.50	13	SW	4.7	6.7	4.7	3.0	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:00	6.6	6.6	6.6	91	5.2	7	SW	0.58	13	SW	4.3	6.6	4.4	2.7	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:05	6.5	6.6	6.5	91	5.1	8	SW	0.67	14	WSW	3.9	6.6	3.9	2.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:10	6.4	6.5	6.4	91	5.1	11	SW	0.92	17	SW	3.0	6.5	3.1	1.6	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:15	6.4	6.4	6.4	91	5.1	9	SW	0.75	14	WSW	3.5	6.5	3.6	2.0	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:20	6.4	6.4	6.4	91	5.0	10	SW	0.83	16	WSW	3.2	6.4	3.2	1.7	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:25	6.4	6.4	6.4	92	5.2	9	SW	0.75	13	SW	3.4	6.4	3.5	1.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:30	6.3	6.4	6.3	92	5.1	8	SW	0.67	15	WSW	3.7	6.4	3.8	2.2	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:35	6.3	6.3	6.3	92	5.1	8	SW	0.67	14	SW	3.7	6.3	3.7	2.1	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:40	6.3	6.3	6.3	92	5.1	8	SW	0.67	13	SW	3.7	6.3	3.7	2.1	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:45	6.2	6.3	6.2	92	5.0	10	SW	0.83	16	WSW	2.9	6.3	3.0	1.5	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
22/12/2018	23:50	6.2	6.2	6.2	92	5.0	10	SW	0.83	14	WSW	2.9	6.2	2.9	1.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	5.6	0	5
22/12/2018	23:55	6.2	6.2	6.2	92	5.0	11	SW	0.92	17	WSW	2.7	6.2	2.7	1.2	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	5.6	0	5
23/12/2018	00:00	6.1	6.2	6.1	92	4.9	10	SW	0.83	14	SW	2.8	6.1	2.8	1.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	53	6.1	4.4	6.1	5.6	0	5
23/12/2018	00:05	6.1	6.1	6.1	92	4.9	8	SW	0.67	13	WSW	3.4	6.1	3.4	1.8	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
23/12/2018	00:10	6.1	6.2	6.1	93	5.1	10	SW	0.83	14	WSW	2.8	6.2	2.9	1.4	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
23/12/2018	00:15	6.2	6.2	6.1	93	5.1	10	SW	0.83	14	SW	2.9	6.2	2.9	1.4	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
23/12/2018	00:20	6.2	6.2	6.2	93	5.1	9	SW	0.75	14	SW	3.2	6.2	3.2	1.7	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
23/12/2018	00:25	6.2	6.2	6.2	93	5.1	8	SW	0.67	12	WSW	3.5	6.2	3.6	1.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
23/12/2018	00:30	6.2	6.2	6.2	93	5.1	8	SW	0.67	12	WSW	3.5	6.2	3.6	1.9	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
23/12/2018	00:35	6.2	6.2	6.2	93	5.1	8	SW	0.67	11	SW	3.5	6.2	3.6	1.9	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	0	5
23/12/2018	00:40	6.2	6.2	6.2	93	5.1	8	SW	0.67	11	WSW	3.5	6.2	3.6	1.9	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	00:45	6.2	6.2	6.2	93	5.1	9	SW	0.75	12	SW	3.2	6.2	3.2	1.7	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	00:50	6.2	6.2	6.2	93	5.1	9	SW	0.75	13	WSW	3.2	6.2	3.2	1.7	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	00:55	6.2	6.2	6.2	93	5.2	9	SW	0.75	12	WSW	3.2	6.3	3.3	1.7	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:00	6.2	6.3	6.2	93	5.2	8	SW	0.67	12	SW	3.6	6.3	3.6	2.0	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:05	6.2	6.3	6.2	93	5.2	7	SW	0.58	11	SW	3.9	6.3	3.9	2.2	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:10	6.3	6.3	6.2	93	5.2	8	SW	0.67	12	WSW	3.7	6.3	3.7	2.1	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:15	6.3	6.3	6.3	93	5.2	9	SW	0.75	15	SSW	3.3	6.3	3.4	1.8	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:20	6.3	6.3	6.3	93	5.2	8	SW	0.67	15	SW	3.7	6.3	3.7	2.1	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:25	6.3	6.3	6.3	93	5.2	8	SW	0.67	13	SW	3.7	6.3	3.7	2.1	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:30	6.3	6.3	6.3	94	5.4	7	SW	0.58	11	SW	4.0	6.3	4.1	2.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:35	6.3	6.3	6.3	94	5.4	7	SW	0.58	11	SSW	4.0	6.3	4.1	2.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:40	6.2	6.3	6.2	94	5.3	7	SW	0.58	11	SW	3.9	6.3	3.9	2.2	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:45	6.2	6.3	6.2	94	5.3	7	SW	0.58	11	SW	3.9	6.3	3.9	2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:50	6.2	6.2	6.2	94	5.3	7	SW	0.58	11	SW	3.9	6.3	3.9	2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	01:55	6.2	6.2	6.2	94	5.3	8	SW	0.67	12	WSW	3.6	6.3	3.6	2.0	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:00	6.2	6.2	6.2	94	5.3	7	SW	0.58	11	SSW	3.9	6.3	3.9	2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:05	6.2	6.2	6.2	94	5.3	9	SW	0.75	15	SW	3.2	6.3	3.3	1.7	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:10	6.3	6.3	6.2	94	5.4	9	SW	0.75	12	WSW	3.3	6.3	3.4	1.8	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:15	6.3	6.3	6.3	94	5.4	8	SW	0.67	12	SW	3.7	6.3	3.7	2.1	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:20	6.3	6.3	6.3	94	5.4	8	SW	0.67	16	WSW	3.7	6.3	3.7	2.1	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:25	6.3	6.3	6.3	94	5.4	9	SW	0.75	14	WSW	3.4	6.4	3.4	1.9	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:30	6.3	6.3	6.3	94	5.4	8	SW	0.67	12	WSW	3.7	6.4	3.8	2.2	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:35	6.4	6.4	6.3	94	5.5	8	SW	0.67	12	WSW	3.8	6.4	3.8	2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:40	6.4	6.4	6.3	94	5.5	8	SW	0.67	14	WSW	3.8	6.4	3.8	2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.7	0	5
23/12/2018	02:45	6.4	6.4	6.4	94	5.5	10	SW	0.83	14	SW	3.2	6.4	3.2	1.7	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:50	6.4	6.4	6.4	94	5.5	9	SW	0.75	14	SW	3.5	6.5	3.6	2.0	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	02:55	6.4	6.4	6.4	94	5.5	8	SW	0.67	13	WSW	3.8	6.4	3.8	2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	03:00	6.4	6.4	6.4	93	5.3	7	SW	0.58	11	SW	4.1	6.4	4.2	2.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	03:05	6.4	6.4	6.4	93	5.3	6	SW	0.50	10	WSW	4.4	6.4	4.4	2.7	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	03:10	6.4	6.4	6.3	94	5.5	7	SW	0.58	12	SW	4.1	6.4	4.2	2.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	03:15	6.3	6.4	6.3	94	5.4	7	SW	0.58	11	SW	4.1	6.4	4.1	2.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	03:20	6.3	6.3	6.3	94	5.4	7	SW	0.58	12	WSW	4.1	6.4	4.1	2.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	03:25	6.3	6.3	6.3	93	5.3	8	SW	0.67	12	WSW	3.7	6.4	3.8	2.2	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	03:30	6.3	6.3	6.3	94	5.4	8	SW	0.67	14	SSW	3.7	6.3	3.7	2.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	0	5
23/12/2018	03:35	6.3	6.3	6.3	94	5.4	8	SW	0.67	12	SW	3.7	6.3	3.7	2.1	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	1	5
23/12/2018	03:40	6.3	6.3	6.3	94	5.4	7	SW	0.58	12	W	4.0	6.3	4.1	2.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.1	2	5
23/12/2018	03:45	6.3	6.3	6.3	94	5.4	7	SW	0.58	12	SW	4.0	6.3	4.1	2.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	3	5
23/12/2018	03:50	6.3	6.3	6.3	94	5.4	7	SW	0.58	12	SW	4.0	6.3	4.1	2.3	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	7	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
23/12/2018	03:55	6.3	6.3	6.3	94	5.4	6	SW	0.50	10	SW	4.3	6.3	4.3	2.6	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	13	5
23/12/2018	04:00	6.3	6.3	6.2	94	5.4	6	SW	0.50	10	WSW	4.3	6.3	4.3	2.6	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:05	6.2	6.3	6.2	94	5.3	4	SW	0.33	8	WSW	5.0	6.3	5.1	3.3	30.01	0.2	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:10	6.2	6.2	6.2	95	5.5	5	WSW	0.42	8	SW	4.6	6.3	4.6	2.9	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:15	6.2	6.2	6.2	94	5.3	5	SW	0.42	9	WSW	4.5	6.2	4.6	2.8	30.00	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:20	6.2	6.2	6.2	95	5.4	3	SW	0.25	7	SW	5.5	6.2	5.6	3.8	30.00	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:25	6.1	6.2	6.1	95	5.4	3	SW	0.25	5	SW	5.4	6.2	5.5	3.8	29.99	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:30	6.1	6.2	6.1	95	5.4	2	SW	0.17	3	SW	6.1	6.2	6.2	4.4	29.99	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:35	6.1	6.1	6.1	95	5.3	2	SW	0.17	3	SW	6.1	6.1	6.1	4.4	30.00	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:40	6.1	6.1	6.1	95	5.3	2	SW	0.17	4	SW	6.1	6.1	6.1	4.4	30.00	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:45	6.1	6.1	6.1	95	5.3	2	SW	0.17	4	SW	6.1	6.1	6.1	4.4	29.99	0.2	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:50	6.1	6.1	6.1	95	5.3	2	SW	0.17	5	SW	6.1	6.1	6.1	4.4	29.99	0.0	0.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	04:55	6.0	6.1	6.0	95	5.3	2	SW	0.17	4	SW	6.0	6.1	6.1	4.3	29.99	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:00	6.0	6.1	6.0	95	5.3	2	SW	0.17	3	SW	6.0	6.1	6.1	4.3	29.98	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:05	6.0	6.0	6.0	95	5.3	2	SW	0.17	4	SW	6.0	6.1	6.1	4.3	29.98	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:10	6.0	6.0	6.0	95	5.3	2	SW	0.17	3	SW	6.0	6.1	6.1	4.3	29.98	0.2	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:15	6.0	6.0	6.0	95	5.3	2	SW	0.17	4	SW	6.0	6.1	6.1	4.3	29.98	0.0	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:20	6.0	6.0	6.0	95	5.3	2	SW	0.17	5	SW	6.0	6.1	6.1	4.3	29.98	0.2	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:25	6.0	6.0	6.0	95	5.3	3	SW	0.25	5	SW	5.3	6.1	5.4	3.7	29.98	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:30	6.0	6.0	6.0	96	5.4	2	SW	0.17	4	SW	6.0	6.1	6.1	4.3	29.98	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:35	6.0	6.0	6.0	96	5.4	2	SW	0.17	4	SW	6.0	6.1	6.1	4.3	29.98	0.0	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:40	6.0	6.1	6.0	96	5.4	3	SW	0.25	4	SW	5.3	6.1	5.4	3.7	29.98	0.2	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:45	6.0	6.1	6.0	96	5.4	3	SW	0.25	4	SW	5.3	6.1	5.4	3.7	29.98	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:50	6.0	6.0	5.9	96	5.4	2	SW	0.17	5	SW	6.0	6.1	6.1	4.3	29.97	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	05:55	5.9	6.0	5.9	96	5.4	2	SW	0.17	4	SW	5.9	6.0	6.0	4.3	29.97	0.2	2.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	06:00	5.9	6.0	5.9	96	5.4	2	SW	0.17	4	SW	5.9	6.0	6.0	4.3	29.97	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	06:05	5.9	5.9	5.9	96	5.4	2	SW	0.17	3	SW	5.9	6.0	6.0	4.3	29.97	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	06:10	5.9	5.9	5.9	96	5.4	1	SW	0.08	3	SW	5.9	6.0	6.0	4.3	29.97	0.2	2.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	06:15	5.9	5.9	5.9	96	5.3	0	SW	0.00	2	SW	5.9	5.9	5.9	4.2	29.96	0.2	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	06:20	5.9	5.9	5.9	96	5.3	0	SW	0.00	1	SW	5.9	5.9	5.9	4.2	29.96	0.2	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	06:25	5.9	5.9	5.9	96	5.3	0	---	0.00	0	---	5.9	5.9	5.9	4.2	29.96	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	06:30	5.8	5.9	5.8	96	5.2	0	---	0.00	0	---	5.8	5.9	5.9	4.2	29.96	0.2	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	06:35	5.8	5.9	5.8	96	5.2	0	SW	0.00	1	SW	5.8	5.9	5.9	4.2	29.96	0.0	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	06:40	5.8	5.9	5.8	96	5.2	1	SW	0.08	2	SW	5.8	5.9	5.9	4.2	29.96	0.2	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	06:45	5.8	5.9	5.8	96	5.2	1	SW	0.08	2	SW	5.8	5.9	5.9	4.2	29.96	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	06:50	5.9	5.9	5.8	96	5.3	2	SW	0.17	3	SW	5.9	5.9	5.9	4.2	29.96	0.0	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	06:55	5.8	5.9	5.8	96	5.2	2	SSW	0.17	3	SSW	5.8	5.9	5.9	4.2	29.96	0.2	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:00	5.8	5.8	5.8	96	5.2	3	SSW	0.25	6	S	5.1	5.9	5.2	3.4	29.96	0.2	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:05	5.8	5.9	5.8	96	5.2	3	S	0.25	5	S	5.1	5.9	5.2	3.4	29.96	0.0	1.6	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:10	5.8	5.9	5.8	97	5.4	3	S	0.25	4	S	5.1	5.9	5.2	3.5	29.96	0.2	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	15	5
23/12/2018	07:15	5.8	5.8	5.8	97	5.4	2	S	0.17	3	S	5.8	5.9	5.9	4.2	29.96	0.2	1.8	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:20	5.8	5.8	5.8	97	5.4	2	S	0.17	3	S	5.8	5.9	5.9	4.2	29.96	0.2	2.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
23/12/2018	07:25	5.8	5.8	5.8	97	5.4	3	S	0.25	4	S	5.1	5.9	5.2	3.5	29.96	0.2	2.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:30	5.8	5.8	5.8	97	5.3	3	S	0.25	4	S	5.1	5.9	5.2	3.4	29.96	0.2	2.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:35	5.8	5.8	5.8	97	5.3	2	S	0.17	3	S	5.8	5.9	5.9	4.2	29.95	0.0	2.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:40	5.8	5.8	5.8	97	5.3	3	S	0.25	3	S	5.1	5.9	5.2	3.4	29.95	0.4	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:45	5.8	5.8	5.8	97	5.3	2	S	0.17	3	S	5.8	5.9	5.9	4.2	29.95	0.2	3.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:50	5.8	5.8	5.8	97	5.3	2	S	0.17	3	S	5.8	5.9	5.9	4.2	29.95	0.0	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	07:55	5.8	5.8	5.7	97	5.3	2	S	0.17	4	S	5.8	5.9	5.9	4.2	29.95	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	08:00	5.7	5.8	5.7	97	5.3	3	S	0.25	5	S	5.0	5.8	5.1	3.4	29.95	0.2	2.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.6	14	5
23/12/2018	08:05	5.7	5.8	5.7	97	5.3	3	S	0.25	4	S	5.0	5.8	5.1	3.4	29.96	0.0	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	08:10	5.7	5.7	5.7	97	5.3	3	S	0.25	5	S	5.0	5.8	5.1	3.4	29.96	0.2	1.4	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	08:15	5.7	5.7	5.7	97	5.3	3	S	0.25	5	S	5.0	5.8	5.1	3.4	29.96	0.0	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	08:20	5.7	5.7	5.7	97	5.2	3	S	0.25	5	S	4.9	5.7	4.9	3.2	29.95	0.2	1.2	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	08:25	5.7	5.7	5.7	97	5.2	3	S	0.25	5	S	4.9	5.7	4.9	3.2	29.95	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	08:30	5.6	5.7	5.6	97	5.2	4	S	0.33	8	SE	4.3	5.7	4.3	2.6	29.95	0.0	1.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	08:35	5.6	5.7	5.6	97	5.2	4	SE	0.33	7	SE	4.3	5.7	4.3	2.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	08:40	5.6	5.7	5.6	97	5.2	4	SE	0.33	7	SE	4.3	5.7	4.3	2.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	08:45	5.6	5.6	5.6	97	5.2	4	SE	0.33	7	SE	4.3	5.7	4.3	2.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	08:50	5.6	5.6	5.6	97	5.2	4	SE	0.33	7	SE	4.3	5.7	4.3	2.6	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	08:55	5.6	5.6	5.6	97	5.1	3	SE	0.25	4	SE	4.8	5.6	4.8	3.1	29.95	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	09:00	5.6	5.6	5.6	97	5.1	4	SE	0.33	7	SE	4.2	5.6	4.3	2.6	29.95	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	09:05	5.6	5.6	5.6	98	5.3	3	SE	0.25	6	SE	4.8	5.7	4.9	3.2	29.95	0.0	0.0	5	0.04	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	09:10	5.6	5.6	5.6	98	5.3	3	SE	0.25	6	SE	4.8	5.7	4.9	3.2	29.95	0.2	0.0	3	0.02	5	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	09:15	5.6	5.6	5.6	98	5.3	3	SE	0.25	6	SE	4.8	5.7	4.9	3.2	29.95	0.0	0.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	09:20	5.6	5.6	5.6	98	5.3	3	SE	0.25	6	SE	4.8	5.7	4.9	3.3	29.95	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	09:25	5.6	5.6	5.6	98	5.3	3	SE	0.25	4	SE	4.8	5.7	4.9	3.2	29.96	0.2	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	09:30	5.6	5.6	5.6	98	5.3	3	SE	0.25	7	SE	4.8	5.7	4.9	3.3	29.95	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	09:35	5.6	5.6	5.6	98	5.3	3	ESE	0.25	9	ESE	4.8	5.7	4.9	3.3	29.95	0.2	1.6	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	09:40	5.6	5.6	5.6	98	5.3	4	ESE	0.33	8	ESE	4.2	5.7	4.3	2.7	29.96	0.0	1.4	9	0.06	11	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	09:45	5.6	5.6	5.6	98	5.3	4	E	0.33	8	E	4.2	5.7	4.3	2.7	29.95	0.2	1.4	9	0.06	9	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	09:50	5.6	5.6	5.6	98	5.3	4	E	0.33	6	E	4.2	5.7	4.3	2.7	29.95	0.0	1.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	09:55	5.6	5.6	5.6	98	5.3	5	E	0.42	8	E	3.8	5.7	3.9	2.3	29.96	0.0	1.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	10:00	5.6	5.6	5.6	98	5.3	4	E	0.33	7	E	4.2	5.7	4.3	2.7	29.96	0.0	0.8	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	10:05	5.6	5.6	5.6	98	5.3	4	E	0.33	7	E	4.2	5.7	4.3	2.7	29.95	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	5.0	15	5
23/12/2018	10:10	5.6	5.6	5.6	98	5.3	4	E	0.33	6	E	4.2	5.7	4.3	2.8	29.95	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.0	15	5
23/12/2018	10:15	5.6	5.6	5.6	98	5.3	4	E	0.33	7	E	4.2	5.7	4.3	3.4	29.95	0.0	0.0	18	0.13	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	10:20	5.6	5.6	5.6	98	5.3	5	E	0.42	9	E	3.8	5.7	3.9	2.9	29.96	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.0	15	5
23/12/2018	10:25	5.6	5.6	5.6	98	5.3	5	E	0.42	11	E	3.8	5.7	3.9	3.0	29.96	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.0	15	5
23/12/2018	10:30	5.5	5.6	5.5	98	5.2	7	E	0.58	11	E	3.0	5.6	3.1	2.6	29.95	0.2	0.0	30	0.22	32	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.0	14	5
23/12/2018	10:35	5.5	5.5	5.5	98	5.2	5	E	0.42	10	E	3.7	5.6	3.8	3.2	29.95	0.0	0.0	27	0.19	33	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.6	14	5
23/12/2018	10:40	5.5	5.5	5.5	98	5.2	4	E	0.33	7	E	4.2	5.6	4.3	3.3	29.95	0.0	0.0	18	0.13	21	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	10:45	5.5	5.6	5.5	98	5.2	4	E	0.33	7	E	4.2	5.6	4.3	3.4	29.95	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	10:50	5.6	5.6	5.5	98	5.3	5	E	0.42	9	E	3.8	5.7	3.9	3.2	29.95	0.0	0.0	28	0.20	37	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
23/12/2018	10:55	5.6	5.6	5.6	98	5.3	5	E	0.42	9	E	3.8	5.7	3.9	3.4	29.95	0.0	0.0	35	0.25	39	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	11:00	5.6	5.6	5.6	98	5.3	4	E	0.33	7	E	4.2	5.7	4.3	3.7	29.95	0.2	0.0	27	0.19	30	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	11:05	5.6	5.6	5.6	98	5.3	4	E	0.33	7	E	4.2	5.7	4.3	3.4	29.95	0.0	0.0	21	0.15	25	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	11:10	5.6	5.6	5.6	98	5.3	3	E	0.25	6	E	4.8	5.7	4.9	3.9	29.94	0.0	0.0	19	0.14	23	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	11:15	5.6	5.6	5.6	98	5.3	5	E	0.42	9	E	3.8	5.7	3.9	3.1	29.94	0.0	0.0	23	0.16	28	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	11:20	5.6	5.6	5.6	98	5.3	4	E	0.33	7	E	4.2	5.7	4.3	3.5	29.94	0.0	0.0	23	0.16	32	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	11:25	5.6	5.6	5.5	98	5.3	4	E	0.33	7	E	4.2	5.7	4.3	3.4	29.94	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	11:30	5.5	5.6	5.5	98	5.2	5	E	0.42	10	ENE	3.7	5.6	3.8	3.3	29.94	0.0	0.0	32	0.23	37	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	11:35	5.4	5.5	5.4	98	5.2	5	ENE	0.42	10	ENE	3.7	5.6	3.8	3.4	29.94	0.0	0.0	40	0.29	42	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.6	15	5
23/12/2018	11:40	5.4	5.4	5.4	98	5.2	5	ENE	0.42	8	ENE	3.7	5.6	3.8	3.3	29.94	0.0	0.0	35	0.25	39	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.0	14	5
23/12/2018	11:45	5.4	5.4	5.4	98	5.1	6	ENE	0.50	10	ENE	3.2	5.5	3.3	2.6	29.94	0.0	0.0	26	0.19	28	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	11:50	5.4	5.4	5.4	98	5.1	6	ENE	0.50	9	ENE	3.2	5.5	3.3	2.6	29.95	0.0	0.0	29	0.21	32	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	11:55	5.3	5.4	5.3	98	5.0	6	ENE	0.50	10	ENE	3.1	5.4	3.2	2.8	29.94	0.0	0.0	37	0.27	40	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	12:00	5.3	5.3	5.3	99	5.2	5	ENE	0.42	9	ENE	3.5	5.4	3.6	3.3	29.94	0.0	0.0	41	0.29	46	0	0.00	0.00	0.05	0.00	0.03	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	12:05	5.3	5.3	5.3	99	5.2	7	ENE	0.58	11	ENE	2.8	5.4	2.9	2.6	29.95	0.0	0.0	41	0.29	44	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	12:10	5.3	5.4	5.3	99	5.2	4	ENE	0.33	9	ENE	4.0	5.4	4.1	3.4	29.95	0.0	0.0	30	0.22	39	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	15	5
23/12/2018	12:15	5.4	5.4	5.3	99	5.2	4	ENE	0.33	9	ENE	4.1	5.5	4.2	3.4	29.95	0.0	0.0	24	0.17	30	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.6	15	5
23/12/2018	12:20	5.4	5.4	5.4	99	5.2	6	ENE	0.50	9	ENE	3.2	5.5	3.3	2.8	29.95	0.2	0.0	37	0.27	46	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.6	15	5
23/12/2018	12:25	5.4	5.4	5.4	98	5.1	5	ENE	0.42	9	ENE	3.6	5.5	3.7	3.1	29.95	0.2	1.8	32	0.23	33	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.6	14	5
23/12/2018	12:30	5.4	5.4	5.4	98	5.1	4	ENE	0.33	8	ENE	4.1	5.5	4.2	3.7	29.95	0.0	1.6	36	0.26	42	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.6	14	5
23/12/2018	12:35	5.4	5.4	5.4	99	5.3	5	ENE	0.42	10	ENE	3.7	5.6	3.8	3.4	29.95	0.0	1.0	41	0.29	46	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.6	14	5
23/12/2018	12:40	5.4	5.4	5.4	99	5.3	5	ENE	0.42	11	ENE	3.7	5.6	3.8	3.3	29.95	0.2	1.0	36	0.26	44	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	12:45	5.4	5.4	5.4	99	5.2	5	ENE	0.42	10	ENE	3.6	5.5	3.7	2.9	29.95	0.0	1.0	24	0.17	26	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	12:50	5.4	5.4	5.4	99	5.2	5	ENE	0.42	9	ENE	3.6	5.5	3.7	3.0	29.95	0.2	1.0	29	0.21	33	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	12:55	5.3	5.4	5.3	99	5.2	5	ENE	0.42	9	ENE	3.5	5.4	3.6	2.8	29.95	0.0	1.0	23	0.16	28	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:00	5.3	5.4	5.3	99	5.2	6	ENE	0.50	9	ENE	3.1	5.4	3.2	2.7	29.96	0.0	1.0	34	0.24	37	0	0.00	0.00	0.05	0.00	0.03	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:05	5.3	5.4	5.3	99	5.2	6	ENE	0.50	10	ENE	3.1	5.4	3.2	2.6	29.96	0.2	1.0	30	0.22	33	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:10	5.3	5.3	5.3	99	5.2	6	ENE	0.50	10	ENE	3.1	5.4	3.2	2.4	29.96	0.0	0.8	25	0.18	26	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:15	5.3	5.3	5.3	99	5.1	5	ENE	0.42	10	ENE	3.4	5.4	3.6	2.8	29.96	0.0	1.0	26	0.19	32	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:20	5.3	5.3	5.3	99	5.2	6	ENE	0.50	12	ENE	3.1	5.4	3.2	2.6	29.96	0.2	1.0	30	0.22	33	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:25	5.3	5.3	5.3	99	5.2	7	ENE	0.58	11	ENE	2.8	5.4	2.9	2.2	29.97	0.0	1.0	25	0.18	32	0	0.00	0.00	0.05	0.00	0.00	52	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:30	5.3	5.3	5.3	99	5.2	5	ENE	0.42	9	ENE	3.5	5.4	3.6	2.6	29.98	0.0	0.8	15	0.11	19	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:35	5.3	5.3	5.3	99	5.2	7	ENE	0.58	11	ENE	2.8	5.4	2.9	1.9	29.97	0.0	0.0	17	0.12	18	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.0	15	5
23/12/2018	13:40	5.3	5.3	5.3	99	5.1	6	ENE	0.50	9	ENE	3.1	5.4	3.2	2.2	29.97	0.2	0.0	16	0.11	18	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:45	5.3	5.3	5.3	99	5.1	5	ENE	0.42	9	ENE	3.4	5.4	3.6	2.4	29.97	0.0	0.0	10	0.07	12	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.0	14	5
23/12/2018	13:50	5.3	5.3	5.3	99	5.1	5	ENE	0.42	9	ENE	3.4	5.4	3.6	2.4	29.98	0.0	0.0	11	0.08	12	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.0	13	5
23/12/2018	13:55	5.3	5.3	5.2	99	5.1	6	ENE	0.50	10	ENE	3.1	5.4	3.2	2.1	29.98	0.2	1.0	11	0.08	12	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.0	13	5
23/12/2018	14:00	5.2	5.3	5.2	99	5.1	6	ENE	0.50	9	ENE	3.0	5.3	3.1	2.1	29.98	0.0	1.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	14:05	5.2	5.3	5.2	99	5.1	6	NE	0.50	10	NE	3.0	5.3	3.1	2.0	29.98	0.2	1.0	11	0.08	12	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	14:10	5.2	5.2	5.2	99	5.1	5	NE	0.42	10	NE	3.4	5.3	3.5	2.4	29.98	0.0	1.0	12	0.09	14	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.6	6.1	5.0	13	5
23/12/2018	14:15	5.2	5.3	5.2	99	5.1	5	NE	0.42	9	NE	3.4	5.3	3.5	1.9	29.98	0.2	1.2	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	14:20	5.2	5.2	5.2	99	5.1	5	NE	0.42	10	NE	3.4	5.3	3.5	2.0	29.98	0.2	1.6	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
23/12/2018	14:25	5.2	5.2	5.2	99	5.0	6	NE	0.50	9	NE	2.9	5.3	3.1	1.6	29.99	0.0	1.6	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	14:30	5.2	5.2	5.2	99	5.0	5	NE	0.42	9	NE	3.3	5.3	3.4	1.9	29.99	0.2	1.6	7	0.05	9	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	14:35	5.2	5.2	5.2	99	5.0	5	NE	0.42	8	NE	3.3	5.3	3.4	1.9	29.99	0.0	1.2	7	0.05	7	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	14:40	5.2	5.2	5.2	99	5.0	5	NE	0.42	9	NE	3.3	5.3	3.4	1.9	29.99	0.2	1.2	9	0.06	11	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	14:45	5.2	5.2	5.2	99	5.0	5	NE	0.42	8	NE	3.3	5.3	3.4	1.9	29.99	0.0	1.2	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	14:50	5.2	5.2	5.1	99	5.0	4	NE	0.33	8	NE	3.8	5.3	3.9	2.4	29.99	0.0	1.0	15	0.11	16	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	12	5
23/12/2018	14:55	5.2	5.2	5.1	99	5.0	4	NE	0.33	6	NE	3.8	5.3	3.9	2.4	29.99	0.2	1.0	13	0.09	14	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	15:00	5.1	5.2	5.1	99	5.0	3	NE	0.25	5	NE	4.3	5.2	4.4	2.8	29.99	0.0	1.0	10	0.07	11	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	15:05	5.1	5.1	5.1	99	5.0	3	NE	0.25	6	NE	4.3	5.2	4.4	2.8	29.99	0.0	0.8	9	0.06	9	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	14	5
23/12/2018	15:10	5.1	5.2	5.1	99	5.0	3	NE	0.25	5	NE	4.3	5.2	4.4	2.8	29.99	0.0	0.0	7	0.05	9	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	15:15	5.2	5.2	5.1	99	5.0	3	NE	0.25	5	NE	4.3	5.3	4.4	2.9	30.00	0.0	0.0	6	0.04	7	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	15:20	5.1	5.2	5.1	99	5.0	3	NE	0.25	5	NE	4.3	5.2	4.4	2.8	29.99	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	5.0	13	5
23/12/2018	15:25	5.1	5.2	5.1	99	5.0	3	NE	0.25	5	NE	4.3	5.2	4.4	2.7	30.00	0.0	0.0	2	0.01	5	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	4.4	13	5
23/12/2018	15:30	5.1	5.1	5.1	99	4.9	2	NE	0.17	4	NE	5.0	5.2	5.1	3.4	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	4.4	13	5
23/12/2018	15:35	5.1	5.1	5.1	99	4.9	1	NE	0.08	2	NE	5.1	5.2	5.2	3.5	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	4.4	13	5
23/12/2018	15:40	5.1	5.1	5.1	99	4.9	1	NE	0.08	4	NE	5.1	5.2	5.2	3.5	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	4.4	13	5
23/12/2018	15:45	5.1	5.1	5.1	99	4.9	2	NE	0.17	3	NE	5.0	5.2	5.1	3.4	30.02	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	4.4	13	5
23/12/2018	15:50	5.1	5.1	5.0	99	4.9	2	NE	0.17	3	NE	5.0	5.2	5.1	3.4	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	4.4	13	5
23/12/2018	15:55	5.0	5.1	5.0	99	4.9	2	NE	0.17	4	NE	4.9	5.1	5.1	3.4	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	4.4	14	5
23/12/2018	16:00	5.0	5.1	5.0	99	4.9	2	NE	0.17	4	NE	4.9	5.1	5.1	3.4	30.01	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	4.4	14	5
23/12/2018	16:05	5.1	5.1	5.0	99	4.9	2	NE	0.17	4	NE	5.0	5.2	5.1	3.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	6.1	5.0	6.1	4.4	14	5
23/12/2018	16:10	5.0	5.0	5.0	99	4.9	2	NE	0.17	4	NE	4.9	5.1	5.1	3.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	53	6.1	4.4	6.1	4.4	14	5
23/12/2018	16:15	5.0	5.0	5.0	99	4.9	3	NE	0.25	4	NE	4.2	5.1	4.3	2.6	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	16:20	5.0	5.0	4.9	99	4.9	2	NE	0.17	4	NE	4.9	5.1	5.1	3.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	16:25	4.9	5.0	4.9	99	4.8	2	NE	0.17	3	NE	4.9	5.1	5.0	3.3	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	16:30	4.9	5.0	4.9	99	4.8	1	NE	0.08	2	NE	4.9	5.1	5.1	3.4	30.02	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	16:35	4.9	5.0	4.9	99	4.8	1	NE	0.08	3	NE	4.9	5.1	5.1	3.4	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	16:40	4.9	4.9	4.9	99	4.8	1	NE	0.08	3	NE	4.9	5.1	5.1	3.4	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	16:45	4.9	4.9	4.9	99	4.8	2	NE	0.17	3	NE	4.9	5.1	5.0	3.3	30.03	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	16:50	4.9	4.9	4.9	99	4.8	2	NE	0.17	3	NE	4.9	5.1	5.0	3.3	30.04	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	16:55	4.9	4.9	4.9	99	4.8	2	NE	0.17	3	NE	4.9	5.1	5.0	3.3	30.05	0.2	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:00	4.9	4.9	4.9	99	4.7	1	NE	0.08	2	NE	4.9	5.0	5.0	3.3	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:05	4.9	4.9	4.9	99	4.7	2	NE	0.17	3	NE	4.8	5.0	4.9	3.3	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:10	4.9	4.9	4.9	99	4.7	2	NE	0.17	4	NE	4.8	5.0	4.9	3.3	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:15	4.9	4.9	4.9	99	4.7	3	NE	0.25	5	NE	4.1	5.0	4.2	2.5	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:20	4.9	4.9	4.9	99	4.7	2	NE	0.17	3	NE	4.8	5.0	4.9	3.3	30.05	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:25	4.9	4.9	4.8	99	4.7	2	NE	0.17	3	NE	4.8	5.0	4.9	3.3	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:30	4.9	4.9	4.9	99	4.7	1	NE	0.08	2	NE	4.9	5.0	5.0	3.3	30.06	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:35	4.9	4.9	4.9	99	4.7	1	NE	0.08	2	NE	4.9	5.0	5.0	3.3	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:40	4.9	4.9	4.8	99	4.7	0	NE	0.00	1	NE	4.9	5.0	5.0	3.3	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:45	4.9	4.9	4.9	99	4.7	0	---	0.00	0	---	4.9	5.0	5.0	3.3	30.07	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	17:50	4.9	4.9	4.8	99	4.7	0	NE	0.00	1	NE	4.9	5.0	5.0	3.3	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
23/12/2018	17:55	4.9	4.9	4.8	99	4.7	2	NE	0.17	4	NE	4.8	5.0	4.9	3.3	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	4.4	13	5
23/12/2018	18:00	4.9	4.9	4.9	99	4.7	3	NE	0.25	5	NE	4.1	5.0	4.2	2.5	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	13	5
23/12/2018	18:05	4.9	4.9	4.9	99	4.8	3	NE	0.25	5	NE	4.1	5.1	4.2	2.6	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	13	5
23/12/2018	18:10	4.9	4.9	4.9	99	4.8	3	NE	0.25	5	NE	4.1	5.1	4.2	2.6	30.08	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	13	5
23/12/2018	18:15	4.9	5.0	4.9	99	4.8	5	NE	0.42	8	NE	3.1	5.1	3.2	1.5	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	13	5
23/12/2018	18:20	4.9	5.0	4.9	99	4.8	5	NE	0.42	8	NE	3.1	5.1	3.2	1.5	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	13	5
23/12/2018	18:25	5.0	5.0	4.9	99	4.9	4	NE	0.33	8	NE	3.6	5.1	3.7	2.1	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	13	5
23/12/2018	18:30	5.0	5.0	4.9	99	4.9	5	NE	0.42	9	NE	3.1	5.1	3.2	1.6	30.09	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	13	5
23/12/2018	18:35	4.9	5.0	4.9	99	4.8	4	NE	0.33	8	NE	3.6	5.1	3.7	2.0	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	13	5
23/12/2018	18:40	5.0	5.0	4.9	99	4.9	3	NE	0.25	5	NE	4.2	5.1	4.3	2.6	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	18:45	5.0	5.0	4.9	99	4.9	4	NE	0.33	6	NE	3.6	5.1	3.7	2.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	18:50	5.0	5.0	5.0	99	4.9	4	NE	0.33	8	NE	3.6	5.1	3.7	2.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	18:55	5.1	5.1	5.0	99	4.9	4	NE	0.33	6	NE	3.7	5.2	3.8	2.1	30.10	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:00	5.1	5.1	5.0	99	4.9	3	NE	0.25	6	NE	4.2	5.2	4.3	2.7	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:05	5.1	5.1	5.1	99	4.9	3	NE	0.25	6	NE	4.2	5.2	4.3	2.7	30.11	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:10	5.1	5.1	5.1	99	4.9	3	NE	0.25	8	NE	4.2	5.2	4.3	2.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:15	5.1	5.1	5.1	99	4.9	3	NE	0.25	8	NE	4.2	5.2	4.3	2.7	30.12	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:20	5.1	5.1	5.1	99	4.9	3	NE	0.25	4	NE	4.2	5.2	4.3	2.7	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:25	5.1	5.1	5.1	99	4.9	2	NE	0.17	3	NE	5.0	5.2	5.1	3.4	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:30	5.1	5.1	5.1	99	4.9	2	NE	0.17	4	NE	5.0	5.2	5.1	3.4	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:35	5.1	5.1	5.1	99	4.9	3	NE	0.25	4	NE	4.2	5.2	4.3	2.7	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:40	5.1	5.1	5.1	99	4.9	2	NE	0.17	5	NE	5.0	5.2	5.1	3.4	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:45	5.1	5.1	5.1	99	4.9	2	NE	0.17	4	NE	5.0	5.2	5.1	3.4	30.13	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:50	5.1	5.1	5.1	99	4.9	3	NE	0.25	4	NE	4.2	5.2	4.3	2.7	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	19:55	5.1	5.1	5.1	99	4.9	2	NE	0.17	3	NE	5.0	5.2	5.1	3.4	30.14	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	20:00	5.1	5.1	5.1	99	4.9	2	NE	0.17	4	NE	5.0	5.2	5.1	3.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	20:05	5.1	5.1	5.1	99	4.9	2	NE	0.17	3	NE	5.0	5.2	5.1	3.4	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	20:10	5.1	5.1	5.1	99	4.9	3	NE	0.25	6	NE	4.2	5.2	4.3	2.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	20:15	5.1	5.1	5.1	99	4.9	3	NE	0.25	6	NE	4.2	5.2	4.3	2.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	20:20	5.1	5.1	5.1	99	4.9	3	NE	0.25	5	NE	4.2	5.2	4.3	2.7	30.15	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	20:25	5.1	5.1	5.1	99	4.9	3	NE	0.25	6	NE	4.2	5.2	4.3	2.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	20:30	5.1	5.1	5.1	99	4.9	3	NE	0.25	5	NE	4.2	5.2	4.3	2.7	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	4.4	6.1	5.0	14	5
23/12/2018	20:35	5.1	5.1	5.1	99	4.9	2	NE	0.17	3	NE	5.0	5.2	5.1	3.4	30.16	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	3.9	6.1	4.4	14	5
23/12/2018	20:40	5.1	5.1	5.0	99	4.9	2	NE	0.17	3	NE	5.0	5.2	5.1	3.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	3.9	6.1	4.4	14	5
23/12/2018	20:45	5.0	5.1	5.0	99	4.9	2	NE	0.17	4	NE	4.9	5.1	5.1	3.4	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	3.9	6.1	4.4	14	5
23/12/2018	20:50	4.9	5.0	4.9	99	4.8	2	NE	0.17	5	NE	4.9	5.1	5.0	3.3	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	3.9	6.1	4.4	14	5
23/12/2018	20:55	4.9	4.9	4.9	99	4.7	3	NE	0.25	4	NE	4.1	5.0	4.2	2.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	54	6.1	3.3	6.1	4.4	14	5
23/12/2018	21:00	4.9	4.9	4.9	99	4.7	3	NE	0.25	5	NE	4.1	5.0	4.2	2.5	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.3	6.1	4.4	14	5
23/12/2018	21:05	4.8	4.9	4.8	99	4.7	4	NE	0.33	6	NE	3.4	4.9	3.5	1.8	30.17	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.9	6.1	4.4	14	5
23/12/2018	21:10	4.8	4.8	4.8	99	4.7	4	NE	0.33	5	NE	3.4	4.9	3.5	1.8	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.9	6.1	4.4	14	5
23/12/2018	21:15	4.8	4.8	4.8	99	4.7	3	NE	0.25	5	NE	4.0	4.9	4.1	2.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.9	6.1	4.4	14	5
23/12/2018	21:20	4.8	4.8	4.8	99	4.7	2	NE	0.17	3	NE	4.8	4.9	4.9	3.2	30.18	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.9	6.1	4.4	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
23/12/2018	21:25	4.8	4.8	4.8	99	4.7	2	NE	0.17	4	NE	4.8	4.9	4.9	3.2	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.3	6.1	4.4	14	5
23/12/2018	21:30	4.8	4.8	4.8	99	4.6	3	NE	0.25	4	NE	3.9	4.9	4.1	2.4	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.3	6.1	4.4	14	5
23/12/2018	21:35	4.7	4.8	4.7	99	4.6	2	NE	0.17	4	NE	4.6	4.8	4.7	3.1	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.3	6.1	3.9	14	5
23/12/2018	21:40	4.7	4.7	4.7	99	4.5	4	NE	0.33	8	NE	3.2	4.8	3.3	1.7	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.3	6.1	4.4	14	5
23/12/2018	21:45	4.7	4.7	4.6	99	4.5	4	NE	0.33	6	NE	3.2	4.8	3.3	1.7	30.19	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.3	6.1	4.4	15	5
23/12/2018	21:50	4.6	4.7	4.6	99	4.5	3	NE	0.25	5	NE	3.7	4.7	3.8	2.2	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.3	6.1	4.4	15	5
23/12/2018	21:55	4.6	4.6	4.6	99	4.5	3	NE	0.25	5	NE	3.7	4.7	3.8	2.2	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.3	6.1	4.4	15	5
23/12/2018	22:00	4.6	4.6	4.6	99	4.5	3	NE	0.25	4	NE	3.7	4.7	3.8	2.2	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	6.1	3.3	6.1	3.9	15	5
23/12/2018	22:05	4.6	4.6	4.6	99	4.4	4	NE	0.33	6	NE	3.1	4.7	3.2	1.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:10	4.6	4.6	4.6	99	4.4	4	NE	0.33	6	NE	3.1	4.7	3.2	1.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:15	4.6	4.6	4.6	99	4.4	4	NE	0.33	6	NE	3.1	4.7	3.2	1.4	30.20	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:20	4.6	4.6	4.6	99	4.4	4	NE	0.33	5	NE	3.1	4.7	3.2	1.4	30.21	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:25	4.6	4.6	4.6	99	4.5	4	NE	0.33	6	NE	3.2	4.7	3.3	1.6	30.21	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:30	4.6	4.6	4.6	99	4.5	5	NE	0.42	9	NE	2.7	4.7	2.8	1.1	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:35	4.6	4.6	4.6	99	4.5	6	NE	0.50	9	NE	2.3	4.7	2.4	0.7	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:40	4.6	4.6	4.6	99	4.4	5	NE	0.42	8	NE	2.6	4.7	2.7	1.0	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:45	4.6	4.6	4.6	99	4.4	5	NE	0.42	9	NE	2.6	4.7	2.7	1.0	30.22	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:50	4.6	4.6	4.6	99	4.4	4	NE	0.33	6	NE	3.1	4.7	3.2	1.4	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	22:55	4.6	4.6	4.6	99	4.4	4	NE	0.33	5	NE	3.1	4.7	3.2	1.4	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	4.4	15	5
23/12/2018	23:00	4.6	4.6	4.6	99	4.4	3	NE	0.25	5	NE	3.7	4.7	3.8	2.1	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	3.3	6.1	3.9	15	5
23/12/2018	23:05	4.5	4.6	4.5	99	4.4	3	NE	0.25	5	NE	3.6	4.6	3.7	2.0	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	2.8	6.1	3.9	15	5
23/12/2018	23:10	4.4	4.5	4.4	99	4.3	3	NE	0.25	5	NE	3.6	4.6	3.7	1.9	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	2.8	6.1	3.9	15	5
23/12/2018	23:15	4.3	4.4	4.3	99	4.2	3	NE	0.25	5	NE	3.4	4.4	3.5	1.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	2.2	6.1	3.3	15	5
23/12/2018	23:20	4.3	4.3	4.3	99	4.1	4	NE	0.33	6	NE	2.8	4.4	2.9	1.2	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	2.2	6.1	3.3	15	5
23/12/2018	23:25	4.2	4.3	4.2	99	4.0	5	NE	0.42	9	NE	2.2	4.3	2.3	0.6	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	55	5.6	2.2	6.1	3.3	15	5
23/12/2018	23:30	4.1	4.2	4.1	99	4.0	4	NE	0.33	8	NE	2.6	4.2	2.7	0.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	2.2	6.1	3.3	15	5
23/12/2018	23:35	4.0	4.1	4.0	99	3.9	4	NE	0.33	6	NE	2.4	4.1	2.6	0.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	2.2	6.1	3.3	15	5
23/12/2018	23:40	3.9	4.0	3.9	99	3.8	3	NE	0.25	5	NE	2.9	4.1	3.1	1.3	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	1.7	6.1	3.3	15	5
23/12/2018	23:45	3.8	3.9	3.8	99	3.7	2	NE	0.17	4	NE	3.7	3.9	3.8	2.1	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	1.7	6.1	2.8	15	5
23/12/2018	23:50	3.8	3.8	3.8	99	3.6	1	NE	0.08	4	NE	3.8	3.8	3.8	2.1	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	1.7	6.1	2.8	15	5
23/12/2018	23:55	3.7	3.8	3.7	99	3.5	2	NE	0.17	4	NE	3.4	3.7	3.5	1.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	1.1	6.1	2.8	15	5
24/12/2018	00:00	3.6	3.7	3.6	99	3.5	2	NE	0.17	3	NE	3.4	3.7	3.4	1.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	1.1	6.1	2.2	15	5
24/12/2018	00:05	3.6	3.6	3.5	99	3.4	0	NE	0.00	2	NE	3.6	3.6	3.6	1.9	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	1.1	6.1	2.2	15	5
24/12/2018	00:10	3.4	3.5	3.4	98	3.1	1	NE	0.08	4	NE	3.4	3.4	3.4	1.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	1.1	6.1	2.2	15	5
24/12/2018	00:15	3.3	3.4	3.3	98	3.0	3	NE	0.25	4	NE	2.3	3.4	2.3	0.6	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	1.1	6.1	1.7	15	5
24/12/2018	00:20	3.2	3.3	3.2	98	2.9	4	NE	0.33	5	NE	1.5	3.2	1.6	-0.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	56	5.6	1.1	6.1	2.2	15	5
24/12/2018	00:25	3.1	3.2	3.1	98	2.8	4	NE	0.33	6	NE	1.3	3.1	1.4	-0.4	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.6	1.1	6.1	2.2	15	5
24/12/2018	00:30	2.9	3.1	2.9	98	2.7	3	NE	0.25	6	NE	1.8	3.0	1.9	0.1	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.6	1.1	6.1	2.2	15	5
24/12/2018	00:35	2.9	2.9	2.9	99	2.7	3	NE	0.25	4	NE	1.8	2.9	1.8	0.1	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.6	1.1	6.1	2.8	15	5
24/12/2018	00:40	2.9	2.9	2.9	98	2.6	2	NE	0.17	3	NE	2.6	2.9	2.7	0.9	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.6	1.1	6.1	2.8	15	5
24/12/2018	00:45	2.9	2.9	2.9	98	2.6	3	NE	0.25	4	NE	1.8	2.9	1.8	0.1	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.6	1.1	6.1	2.2	15	5
24/12/2018	00:50	2.8	2.9	2.8	98	2.5	3	NE	0.25	5	NE	1.7	2.9	1.8	0.0	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.6	1.1	6.1	2.8	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
24/12/2018	00:55	2.8	2.9	2.8	98	2.5	3	NE	0.25	4	NE	1.7	2.9	1.8	0.0	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.6	0.6	6.1	2.2	15	5
24/12/2018	01:00	2.8	2.8	2.8	98	2.5	2	NE	0.17	4	NE	2.6	2.9	2.6	0.8	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.6	0.6	6.1	2.2	15	5
24/12/2018	01:05	2.8	2.8	2.8	98	2.5	2	NE	0.17	3	NE	2.6	2.9	2.6	0.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.6	0.6	6.1	1.7	15	5
24/12/2018	01:10	2.8	2.8	2.8	98	2.5	1	NE	0.08	2	NE	2.8	2.8	2.8	1.1	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.0	0.6	6.1	1.7	15	5
24/12/2018	01:15	2.7	2.8	2.7	98	2.4	1	NE	0.08	3	NE	2.7	2.7	2.7	0.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	5.0	0.6	6.1	1.1	15	5
24/12/2018	01:20	2.6	2.7	2.6	98	2.3	1	NE	0.08	2	NE	2.6	2.7	2.7	0.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	5.0	0.0	6.1	1.1	15	5
24/12/2018	01:25	2.5	2.6	2.5	98	2.2	2	NE	0.17	3	NE	2.2	2.6	2.2	0.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	5.0	0.0	6.1	1.1	15	5
24/12/2018	01:30	2.4	2.5	2.4	98	2.1	2	NE	0.17	3	NE	2.1	2.4	2.1	0.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	5.0	0.0	6.1	1.1	15	5
24/12/2018	01:35	2.3	2.4	2.3	98	2.1	2	NE	0.17	4	NE	2.0	2.4	2.1	0.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	57	5.0	0.0	6.1	1.1	15	5
24/12/2018	01:40	2.3	2.3	2.3	98	2.0	2	NE	0.17	4	NE	1.9	2.3	2.0	0.2	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	6.1	1.1	15	5
24/12/2018	01:45	2.2	2.3	2.2	98	1.9	2	NE	0.17	4	NE	1.8	2.2	1.9	0.1	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	6.1	1.7	15	5
24/12/2018	01:50	2.1	2.2	2.1	98	1.8	2	NE	0.17	4	NE	1.7	2.2	1.8	0.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	6.1	1.1	15	5
24/12/2018	01:55	2.1	2.1	2.1	98	1.8	1	NE	0.08	2	NE	2.1	2.1	2.1	0.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	6.1	1.1	15	5
24/12/2018	02:00	2.0	2.1	2.0	98	1.7	1	NE	0.08	2	NE	2.0	2.1	2.1	0.3	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.6	6.1	1.1	15	5
24/12/2018	02:05	2.0	2.0	2.0	98	1.7	1	NE	0.08	3	NE	2.0	2.1	2.1	0.3	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	6.1	1.1	15	5
24/12/2018	02:10	1.9	2.0	1.9	98	1.7	1	NE	0.08	3	NE	1.9	2.0	2.0	0.2	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.6	6.1	1.1	15	5
24/12/2018	02:15	1.9	1.9	1.9	98	1.7	3	NE	0.25	5	NE	0.7	2.0	0.8	-1.0	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.6	6.1	1.7	15	5
24/12/2018	02:20	2.0	2.0	1.9	98	1.7	2	NE	0.17	3	NE	1.6	2.1	1.7	-0.1	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.6	6.1	1.7	15	5
24/12/2018	02:25	2.0	2.0	1.9	98	1.7	2	NE	0.17	3	NE	1.6	2.1	1.7	-0.1	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.6	5.6	1.1	15	5
24/12/2018	02:30	1.9	2.0	1.9	98	1.7	1	NE	0.08	3	NE	1.9	2.0	2.0	0.2	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.6	5.6	1.1	15	5
24/12/2018	02:35	1.9	1.9	1.9	98	1.7	2	NE	0.17	3	NE	1.6	2.0	1.6	-0.2	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.6	5.6	1.1	15	5
24/12/2018	02:40	1.9	1.9	1.9	98	1.6	2	NE	0.17	3	NE	1.5	1.9	1.6	-0.2	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.6	5.6	1.1	15	5
24/12/2018	02:45	1.8	1.9	1.8	98	1.6	1	NE	0.08	2	NE	1.8	1.9	1.9	0.1	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	5.6	1.1	15	5
24/12/2018	02:50	1.8	1.8	1.8	98	1.5	1	NE	0.08	2	NE	1.8	1.8	1.8	0.1	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	5.6	1.1	15	5
24/12/2018	02:55	1.7	1.8	1.7	98	1.4	2	NE	0.17	3	NE	1.3	1.8	1.4	-0.4	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	5.6	1.1	15	5
24/12/2018	03:00	1.7	1.7	1.7	98	1.4	2	NE	0.17	3	NE	1.3	1.7	1.3	-0.4	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	5.6	1.1	15	5
24/12/2018	03:05	1.6	1.7	1.6	98	1.3	2	NE	0.17	4	NE	1.2	1.7	1.3	-0.5	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	5.6	0.6	15	5
24/12/2018	03:10	1.6	1.6	1.6	98	1.3	3	NE	0.25	5	NE	0.3	1.6	0.3	-1.5	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	5.6	0.6	15	5
24/12/2018	03:15	1.5	1.6	1.5	98	1.2	1	NE	0.08	2	NE	1.5	1.5	1.5	-0.3	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	5.0	0.0	5.6	0.6	15	5
24/12/2018	03:20	1.4	1.5	1.4	98	1.2	0	NE	0.00	2	NE	1.4	1.4	1.4	-0.3	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	5.0	0.0	5.6	0.6	15	5
24/12/2018	03:25	1.4	1.4	1.4	98	1.1	0	NE	0.00	2	NE	1.4	1.4	1.4	-0.4	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	5.0	0.0	5.6	0.6	15	5
24/12/2018	03:30	1.3	1.4	1.3	98	1.1	0	NE	0.00	2	NE	1.3	1.3	1.3	-0.5	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	4.4	0.0	5.6	0.6	15	5
24/12/2018	03:35	1.3	1.3	1.3	98	1.0	1	NE	0.08	3	NE	1.3	1.3	1.3	-0.6	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	4.4	0.0	5.6	1.1	15	5
24/12/2018	03:40	1.3	1.3	1.3	98	1.1	2	NE	0.17	3	NE	0.9	1.3	0.9	-0.9	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	58	4.4	0.0	5.6	1.1	13	5
24/12/2018	03:45	1.3	1.3	1.3	98	1.1	1	NE	0.08	3	NE	1.3	1.3	1.3	-0.5	30.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	10	5
24/12/2018	03:50	1.3	1.3	1.3	98	1.1	1	NE	0.08	2	NE	1.3	1.3	1.3	-0.5	30.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	0.6	5	5
24/12/2018	03:55	1.3	1.3	1.3	98	1.1	0	NE	0.00	1	NE	1.3	1.3	1.3	-0.5	30.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	0.6	3	5
24/12/2018	04:00	1.3	1.3	1.3	98	1.0	0	NE	0.00	2	NE	1.3	1.3	1.3	-0.6	30.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	2	5
24/12/2018	04:05	1.3	1.3	1.3	98	1.0	2	NE	0.17	3	NE	0.8	1.3	0.8	-1.0	30.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	0.6	1	5
24/12/2018	04:10	1.3	1.3	1.3	98	1.0	1	NE	0.08	3	NE	1.3	1.3	1.3	-0.6	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	04:15	1.3	1.3	1.3	98	1.1	0	NE	0.00	1	NE	1.3	1.3	1.3	-0.5	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	04:20	1.3	1.3	1.3	98	1.1	1	NE	0.08	3	NE	1.3	1.3	1.3	-0.5	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
24/12/2018	04:25	1.3	1.4	1.3	98	1.1	2	NE	0.17	3	NE	0.9	1.3	0.9	-0.9	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	0.6	1	5
24/12/2018	04:30	1.4	1.4	1.3	98	1.1	1	NE	0.08	2	NE	1.4	1.4	1.4	-0.4	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	04:35	1.4	1.4	1.3	98	1.1	1	NE	0.08	2	NE	1.4	1.4	1.4	-0.4	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	04:40	1.4	1.4	1.4	98	1.1	1	NE	0.08	3	NE	1.4	1.4	1.4	-0.4	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	04:45	1.4	1.4	1.4	98	1.2	1	NE	0.08	2	NE	1.4	1.4	1.4	-0.3	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	04:50	1.4	1.4	1.4	98	1.2	1	NE	0.08	2	NE	1.4	1.4	1.4	-0.3	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	0.6	1	5
24/12/2018	04:55	1.4	1.4	1.4	98	1.2	0	---	0.00	0	---	1.4	1.4	1.4	-0.3	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	05:00	1.4	1.4	1.4	98	1.2	0	---	0.00	0	---	1.4	1.4	1.4	-0.3	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	0.6	1	5
24/12/2018	05:05	1.4	1.5	1.4	98	1.2	1	NE	0.08	2	NE	1.4	1.4	1.4	-0.3	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	05:10	1.4	1.4	1.4	98	1.2	1	NE	0.08	2	NE	1.4	1.4	1.4	-0.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	0.6	1	5
24/12/2018	05:15	1.4	1.4	1.4	98	1.2	1	NE	0.08	3	NE	1.4	1.4	1.4	-0.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	05:20	1.5	1.5	1.4	98	1.2	1	NE	0.08	2	NE	1.5	1.5	1.5	-0.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	05:25	1.5	1.5	1.5	98	1.2	1	NE	0.08	2	NE	1.5	1.5	1.5	-0.3	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	05:30	1.6	1.6	1.5	98	1.3	1	NE	0.08	2	NE	1.6	1.6	1.6	-0.2	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	05:35	1.6	1.6	1.6	98	1.3	0	NE	0.00	2	NE	1.6	1.6	1.6	-0.2	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	05:40	1.5	1.6	1.5	98	1.2	0	NE	0.00	1	NE	1.5	1.5	1.5	-0.3	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	0.6	1	5
24/12/2018	05:45	1.5	1.6	1.5	98	1.2	0	NE	0.00	1	NE	1.5	1.5	1.5	-0.3	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	05:50	1.4	1.5	1.4	98	1.2	1	NE	0.08	2	NE	1.4	1.4	1.4	-0.3	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	0.6	1	5
24/12/2018	05:55	1.4	1.4	1.4	98	1.2	0	---	0.00	0	---	1.4	1.4	1.4	-0.3	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	4.4	0.0	5.6	0.6	1	5
24/12/2018	06:00	1.4	1.4	1.4	98	1.2	0	NE	0.00	2	NE	1.4	1.4	1.4	-0.3	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	2	5
24/12/2018	06:05	1.4	1.4	1.4	98	1.1	0	NE	0.00	1	NE	1.4	1.4	1.4	-0.4	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	06:10	1.4	1.4	1.4	98	1.2	0	NE	0.00	1	NE	1.4	1.4	1.4	-0.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	4.4	0.0	5.6	1.1	1	5
24/12/2018	06:15	1.4	1.4	1.4	98	1.2	0	NE	0.00	1	NE	1.4	1.4	1.4	-0.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	4.4	0.0	5.6	1.1	1	5
24/12/2018	06:20	1.4	1.4	1.4	98	1.2	0	---	0.00	0	---	1.4	1.4	1.4	-0.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	4.4	0.0	5.6	1.1	1	5
24/12/2018	06:25	1.4	1.4	1.4	98	1.2	0	NE	0.00	1	NE	1.4	1.4	1.4	-0.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	4.4	0.0	5.6	1.1	1	5
24/12/2018	06:30	1.5	1.5	1.4	98	1.2	0	NE	0.00	1	NE	1.5	1.5	1.5	-0.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	4.4	0.0	5.6	1.1	1	5
24/12/2018	06:35	1.5	1.5	1.5	98	1.2	0	---	0.00	0	---	1.5	1.5	1.5	-0.3	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	4.4	0.0	5.6	1.1	1	5
24/12/2018	06:40	1.6	1.6	1.5	98	1.3	1	NE	0.08	2	NE	1.6	1.6	1.6	-0.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.7	1	5
24/12/2018	06:45	1.6	1.6	1.6	98	1.3	1	NE	0.08	2	NE	1.6	1.6	1.6	-0.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	06:50	1.6	1.6	1.6	98	1.3	0	NE	0.00	2	NE	1.6	1.6	1.6	-0.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	06:55	1.6	1.6	1.6	98	1.3	1	NE	0.08	2	NE	1.6	1.6	1.6	-0.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	07:00	1.6	1.6	1.6	98	1.3	0	---	0.00	0	---	1.6	1.6	1.6	-0.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	4.4	0.0	5.6	1.1	1	5
24/12/2018	07:05	1.6	1.6	1.6	98	1.3	0	---	0.00	0	---	1.6	1.6	1.6	-0.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	3.9	0.0	5.6	1.1	1	5
24/12/2018	07:10	1.6	1.6	1.6	98	1.3	1	NE	0.08	3	NE	1.6	1.6	1.6	-0.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	3.9	0.0	5.6	1.7	1	5
24/12/2018	07:15	1.6	1.6	1.6	98	1.3	2	NE	0.17	2	NE	1.1	1.6	1.1	-0.7	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	3.9	0.0	5.6	1.1	1	5
24/12/2018	07:20	1.6	1.6	1.6	98	1.3	1	NE	0.08	2	NE	1.6	1.7	1.7	-0.1	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	3.9	0.0	5.6	1.1	1	5
24/12/2018	07:25	1.6	1.6	1.6	98	1.3	0	---	0.00	0	---	1.6	1.7	1.7	-0.1	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	3.9	0.0	5.6	0.6	1	5
24/12/2018	07:30	1.6	1.6	1.6	98	1.3	0	NE	0.00	1	NE	1.6	1.6	1.6	-0.2	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	3.9	0.0	5.6	0.6	1	5
24/12/2018	07:35	1.5	1.6	1.5	98	1.2	1	NE	0.08	3	NE	1.5	1.5	1.5	-0.3	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	3.9	-0.6	5.6	0.6	1	5
24/12/2018	07:40	1.5	1.5	1.5	98	1.2	2	NE	0.17	3	NE	1.1	1.5	1.1	-0.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	3.9	-0.6	5.6	0.6	1	5
24/12/2018	07:45	1.4	1.5	1.4	98	1.2	0	NE	0.00	2	NE	1.4	1.4	1.4	-0.3	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	59	3.9	-0.6	5.6	0.0	0	5
24/12/2018	07:50	1.4	1.4	1.4	98	1.2	0	---	0.00	0	---	1.4	1.4	1.4	-0.3	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.0	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
24/12/2018	07:55	1.4	1.4	1.4	98	1.1	0	---	0.00	0	---	1.4	1.4	1.4	-0.4	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.0	0	5
24/12/2018	08:00	1.3	1.4	1.3	98	1.1	0	NE	0.00	2	NE	1.3	1.3	1.3	-0.5	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.0	0	5
24/12/2018	08:05	1.3	1.3	1.3	98	1.0	2	NE	0.17	3	NE	0.8	1.3	0.8	-1.0	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.6	0	5
24/12/2018	08:10	1.2	1.3	1.2	98	0.9	2	NE	0.17	3	NE	0.8	1.2	0.8	-1.1	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.6	0	5
24/12/2018	08:15	1.2	1.2	1.2	98	0.9	0	NE	0.00	2	NE	1.2	1.2	1.2	-0.6	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-1.1	5.6	0.0	0	5
24/12/2018	08:20	1.2	1.2	1.2	98	0.9	0	---	0.00	0	---	1.2	1.2	1.2	-0.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-1.1	5.6	0.0	0	5
24/12/2018	08:25	1.2	1.2	1.1	98	0.9	0	NE	0.00	3	NE	1.2	1.2	1.2	-0.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-1.1	5.6	0.0	0	5
24/12/2018	08:30	1.1	1.2	1.1	98	0.8	3	NE	0.25	4	NE	-0.3	1.1	-0.3	-2.1	30.46	0.0	0.0	2	0.01	5	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.0	1	5
24/12/2018	08:35	1.1	1.1	1.1	98	0.8	2	NE	0.17	3	NE	0.6	1.1	0.6	-1.1	30.46	0.0	0.0	6	0.04	7	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.0	1	5
24/12/2018	08:40	1.0	1.1	1.0	98	0.7	2	NE	0.17	3	NE	0.5	1.0	0.5	-1.2	30.46	0.0	0.0	9	0.06	9	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.0	1	5
24/12/2018	08:45	0.9	1.0	0.9	98	0.7	1	NE	0.08	3	NE	0.9	0.9	0.9	-0.7	30.46	0.0	0.0	10	0.07	11	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.0	1	5
24/12/2018	08:50	0.9	0.9	0.9	98	0.6	1	NE	0.08	3	NE	0.9	0.9	0.9	-0.8	30.46	0.0	0.0	11	0.08	12	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.6	1	5
24/12/2018	08:55	0.9	0.9	0.9	98	0.6	3	NE	0.25	4	NE	-0.5	0.9	-0.5	-2.2	30.46	0.0	0.0	12	0.09	12	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.6	1	5
24/12/2018	09:00	0.9	0.9	0.9	99	0.8	3	NE	0.25	4	NE	-0.4	0.9	-0.4	-2.1	30.46	0.0	0.0	14	0.10	14	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.6	0.6	1	5
24/12/2018	09:05	0.9	0.9	0.9	99	0.7	2	NE	0.17	3	NE	0.4	0.9	0.4	-1.2	30.46	0.0	0.0	14	0.10	14	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.6	1	5
24/12/2018	09:10	0.9	0.9	0.9	98	0.7	2	NE	0.17	4	NE	0.4	0.9	0.4	-1.2	30.46	0.0	0.0	16	0.11	16	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.6	0.6	1	5
24/12/2018	09:15	0.9	0.9	0.9	98	0.7	3	NE	0.25	4	NE	-0.4	0.9	-0.4	-2.0	30.47	0.0	0.0	18	0.13	19	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.6	0.6	1	5
24/12/2018	09:20	1.0	1.0	0.9	98	0.7	3	NE	0.25	4	NE	-0.3	1.0	-0.3	-1.9	30.47	0.0	0.0	19	0.14	19	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.0	1.1	1	5
24/12/2018	09:25	1.0	1.0	1.0	99	0.9	2	NE	0.17	3	NE	0.5	1.0	0.5	-1.1	30.47	0.0	0.0	19	0.14	21	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.0	0.6	1	5
24/12/2018	09:30	1.1	1.1	1.0	99	0.9	2	NE	0.17	3	NE	0.6	1.1	0.6	-0.9	30.48	0.0	0.0	21	0.15	21	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.0	1.1	1	5
24/12/2018	09:35	1.1	1.1	1.1	99	0.9	3	NE	0.25	4	NE	-0.3	1.1	-0.3	-1.8	30.48	0.0	0.0	22	0.16	23	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.0	1.1	1	5
24/12/2018	09:40	1.1	1.1	1.1	99	0.9	2	NE	0.17	4	NE	0.6	1.1	0.6	-0.9	30.48	0.0	0.0	24	0.17	25	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.0	1.1	1	5
24/12/2018	09:45	1.1	1.1	1.1	99	0.9	2	NE	0.17	3	NE	0.6	1.1	0.6	-0.9	30.48	0.0	0.0	25	0.18	26	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.0	1.1	1	5
24/12/2018	09:50	1.1	1.1	1.1	99	1.0	2	NE	0.17	3	NE	0.7	1.1	0.7	-0.8	30.48	0.0	0.0	26	0.19	28	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.0	1.1	1	5
24/12/2018	09:55	1.1	1.1	1.1	99	1.0	2	NE	0.17	3	NE	0.7	1.1	0.7	-0.8	30.48	0.2	0.0	28	0.20	28	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.0	1.1	1	5
24/12/2018	10:00	1.2	1.2	1.1	99	1.0	2	NE	0.17	3	NE	0.7	1.2	0.7	-0.7	30.48	0.0	0.0	28	0.20	30	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.0	1.7	1	5
24/12/2018	10:05	1.2	1.3	1.2	99	1.1	2	NE	0.17	3	NE	0.8	1.2	0.8	-0.6	30.49	0.0	0.0	34	0.24	37	0	0.00	0.00	0.06	0.00	0.00	60	3.9	-0.6	5.0	1.7	1	5
24/12/2018	10:10	1.3	1.3	1.2	99	1.2	2	NE	0.17	3	NE	0.9	1.3	0.9	-0.5	30.49	0.0	0.0	32	0.23	32	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.0	1.7	1	5
24/12/2018	10:15	1.6	1.6	1.3	99	1.4	2	NE	0.17	3	NE	1.1	1.6	1.2	0.6	30.48	0.0	0.0	34	0.24	35	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.0	1.7	1	5
24/12/2018	10:20	2.1	2.1	1.6	99	1.9	2	NE	0.17	3	NE	1.7	2.1	1.7	1.8	30.49	0.0	0.0	63	0.45	98	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.0	1.7	1	5
24/12/2018	10:25	2.4	2.4	2.1	99	2.2	2	NE	0.17	3	NE	2.1	2.4	2.1	2.8	30.49	0.0	0.0	98	0.70	130	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.0	2.2	1	5
24/12/2018	10:30	2.4	2.4	2.4	99	2.2	2	NE	0.17	3	NE	2.1	2.4	2.1	3.2	30.49	0.0	0.0	130	0.93	144	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.0	2.2	1	5
24/12/2018	10:35	2.6	2.6	2.4	99	2.5	2	NE	0.17	3	NE	2.3	2.7	2.3	2.7	30.50	0.0	0.0	73	0.52	104	0	0.00	0.00	0.06	0.00	0.00	60	3.9	0.0	5.0	2.2	1	5
24/12/2018	10:40	2.7	2.7	2.6	99	2.6	1	NE	0.08	3	NE	2.7	2.8	2.8	3.1	30.50	0.0	0.0	72	0.52	86	0	0.00	0.00	0.05	0.00	0.00	60	3.9	0.0	5.0	2.2	1	5
24/12/2018	10:45	3.0	3.0	2.7	99	2.9	2	NE	0.17	3	NE	2.7	3.1	2.8	2.4	30.49	0.0	0.0	41	0.29	42	0	0.00	0.00	0.05	0.00	0.00	60	3.9	0.0	5.0	2.2	1	5
24/12/2018	10:50	3.1	3.1	2.9	99	2.9	2	NE	0.17	2	NE	2.8	3.1	2.8	4.2	30.49	0.0	0.0	129	0.92	178	0	0.00	0.00	0.05	0.00	0.00	60	3.9	0.0	5.0	2.2	1	5
24/12/2018	10:55	3.3	3.3	3.1	99	3.2	2	NE	0.17	3	NE	3.1	3.4	3.2	4.6	30.50	0.0	0.0	130	0.93	144	0	0.00	0.00	0.05	0.00	0.00	60	3.9	0.0	5.0	2.8	3	5
24/12/2018	11:00	3.5	3.5	3.3	98	3.2	2	NE	0.17	3	NE	3.3	3.6	3.3	4.2	30.49	0.0	0.0	94	0.67	128	0	0.00	0.00	0.05	0.00	0.03	60	3.9	0.0	5.0	2.8	9	5
24/12/2018	11:05	3.3	3.6	3.3	97	2.9	1	NE	0.08	3	NE	3.3	3.3	3.3	3.6	30.49	0.0	0.0	65	0.47	102	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	2.8	12	5
24/12/2018	11:10	3.3	3.4	3.3	98	3.0	0	NE	0.00	2	NE	3.3	3.3	3.3	3.4	30.49	0.0	0.0	61	0.44	86	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	2.8	14	5
24/12/2018	11:15	3.4	3.4	3.3	98	3.2	0	---	0.00	0	---	3.4	3.5	3.5	4.4	30.49	0.0	0.0	99	0.71	149	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	3.9	15	5
24/12/2018	11:20	3.6	3.6	3.4	98	3.3	0	---	0.00	0	---	3.6	3.7	3.7	5.0	30.49	0.0	0.0	118	0.85	163	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	4.4	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
24/12/2018	11:25	3.4	3.6	3.4	97	3.0	0	---	0.00	0	---	3.4	3.4	3.4	4.8	30.49	0.0	0.0	123	0.88	139	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	3.9	15	5
24/12/2018	11:30	3.6	3.6	3.4	98	3.3	0	---	0.00	0	---	3.6	3.6	3.6	5.2	30.49	0.0	0.0	131	0.94	144	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	3.9	15	5
24/12/2018	11:35	3.5	3.6	3.4	97	3.1	0	---	0.00	0	---	3.5	3.6	3.6	4.1	30.49	0.0	0.0	80	0.57	91	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	3.9	15	5
24/12/2018	11:40	3.6	3.7	3.6	98	3.3	0	---	0.00	0	---	3.6	3.7	3.7	3.8	30.49	0.0	0.0	63	0.45	69	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	4.4	15	5
24/12/2018	11:45	3.8	3.8	3.6	97	3.4	0	---	0.00	0	---	3.8	3.9	3.9	3.8	30.49	0.0	0.0	52	0.37	65	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	4.4	15	5
24/12/2018	11:50	3.9	3.9	3.8	96	3.4	0	---	0.00	0	---	3.9	3.9	3.9	4.4	30.49	0.0	0.0	76	0.54	93	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	5.0	15	5
24/12/2018	11:55	3.9	3.9	3.9	96	3.4	0	NE	0.00	1	NE	3.9	3.9	3.9	4.6	30.49	0.0	0.0	83	0.59	113	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	5.0	15	5
24/12/2018	12:00	3.9	3.9	3.9	96	3.4	0	NE	0.00	1	NE	3.9	3.9	3.9	4.6	30.49	0.0	0.0	85	0.61	125	0	0.00	0.00	0.05	0.00	0.03	59	3.9	0.0	5.0	5.0	15	5
24/12/2018	12:05	3.8	3.9	3.8	95	3.1	0	---	0.00	0	---	3.8	3.8	3.8	4.6	30.49	0.0	0.0	91	0.65	113	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	4.4	15	5
24/12/2018	12:10	3.9	3.9	3.8	96	3.4	0	---	0.00	0	---	3.9	3.9	3.9	4.8	30.49	0.0	0.0	95	0.68	118	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	4.4	15	5
24/12/2018	12:15	4.2	4.2	3.9	96	3.6	0	---	0.00	0	---	4.2	4.2	4.2	5.4	30.49	0.0	0.0	111	0.80	118	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	3.9	15	5
24/12/2018	12:20	4.3	4.3	4.2	95	3.6	1	NE	0.08	2	NE	4.3	4.4	4.4	5.8	30.49	0.0	0.0	120	0.86	142	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	5.0	15	5
24/12/2018	12:25	4.4	4.4	4.3	95	3.7	2	NE	0.17	4	NE	4.3	4.5	4.4	5.6	30.49	0.0	0.0	110	0.79	141	0	0.00	0.00	0.05	0.00	0.00	59	3.9	0.0	5.0	6.1	15	5
24/12/2018	12:30	4.6	4.7	4.4	95	3.9	1	NE	0.08	4	NE	4.6	4.7	4.7	5.6	30.49	0.0	0.0	99	0.71	111	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.0	5.0	5.6	15	5
24/12/2018	12:35	4.7	4.7	4.5	95	4.0	1	NE	0.08	3	NE	4.7	4.8	4.8	6.2	30.48	0.0	0.0	121	0.87	146	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.0	5.0	5.0	15	5
24/12/2018	12:40	4.9	4.9	4.7	94	4.1	2	NE	0.17	4	NE	4.9	5.0	4.9	6.4	30.49	0.0	0.0	122	0.87	142	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	12:45	5.1	5.2	4.9	93	4.0	2	NE	0.17	5	NE	5.0	5.1	5.0	6.3	30.49	0.0	0.0	116	0.83	139	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	12:50	5.3	5.3	5.1	92	4.1	2	NE	0.17	5	NE	5.3	5.3	5.3	6.7	30.49	0.0	0.0	120	0.86	158	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	12:55	5.3	5.3	5.2	92	4.1	3	NE	0.25	5	NE	4.5	5.3	4.5	5.8	30.49	0.0	0.0	118	0.85	149	0	0.00	0.00	0.05	0.00	0.00	58	3.3	1.1	5.0	5.0	15	5
24/12/2018	13:00	5.3	5.3	5.3	92	4.1	2	NE	0.17	3	NE	5.3	5.3	5.3	6.4	30.49	0.0	0.0	106	0.76	149	0	0.00	0.00	0.05	0.00	0.05	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	13:05	5.1	5.3	5.1	92	3.9	1	NE	0.08	4	NE	5.1	5.1	5.1	5.5	30.49	0.0	0.0	71	0.51	95	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	13:10	5.2	5.3	5.2	91	3.8	3	NE	0.25	4	NE	4.3	5.2	4.3	4.8	30.49	0.0	0.0	77	0.55	105	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	13:15	5.2	5.3	5.2	91	3.8	3	NE	0.25	5	NE	4.3	5.2	4.3	5.0	30.49	0.0	0.0	85	0.61	100	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	13:20	5.2	5.3	5.2	91	3.9	3	NE	0.25	5	NE	4.4	5.2	4.4	3.7	30.49	0.0	0.0	28	0.20	39	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	13:25	5.0	5.2	5.0	91	3.7	3	NE	0.25	5	NE	4.2	4.9	4.1	3.3	30.49	0.0	0.0	25	0.18	25	0	0.00	0.00	0.05	0.00	0.00	58	3.3	1.1	5.0	5.0	15	5
24/12/2018	13:30	4.9	5.1	4.9	91	3.6	2	NE	0.17	4	NE	4.9	4.9	4.8	4.1	30.49	0.0	0.0	26	0.19	28	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	13:35	4.8	4.9	4.8	91	3.5	2	NE	0.17	5	NE	4.8	4.8	4.7	3.9	30.49	0.0	0.0	26	0.19	26	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	13:40	4.9	4.9	4.8	92	3.7	2	NE	0.17	5	NE	4.8	4.9	4.8	4.1	30.49	0.0	0.0	26	0.19	26	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	4.4	15	5
24/12/2018	13:45	4.8	4.9	4.8	92	3.6	3	NE	0.25	8	NE	4.0	4.8	4.0	3.2	30.49	0.0	0.0	25	0.18	25	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	4.4	15	5
24/12/2018	13:50	4.9	5.0	4.8	91	3.6	2	NE	0.17	4	NE	4.9	4.9	4.8	4.1	30.49	0.0	0.0	25	0.18	25	0	0.00	0.00	0.05	0.00	0.00	58	3.3	1.1	5.0	5.0	15	5
24/12/2018	13:55	4.8	4.9	4.7	92	3.6	2	NE	0.17	3	NE	4.7	4.8	4.7	3.9	30.49	0.0	0.0	23	0.16	25	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.0	5.0	4.4	15	5
24/12/2018	14:00	4.7	4.8	4.7	92	3.5	1	NE	0.08	4	NE	4.7	4.7	4.7	3.9	30.49	0.0	0.0	22	0.16	23	0	0.00	0.00	0.05	0.00	0.03	58	3.3	0.6	5.0	4.4	15	5
24/12/2018	14:05	4.6	4.7	4.6	93	3.6	2	NE	0.17	5	NE	4.5	4.6	4.5	3.6	30.49	0.0	0.0	21	0.15	21	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.0	5.0	3.9	15	5
24/12/2018	14:10	4.7	4.7	4.6	93	3.7	3	NE	0.25	5	NE	3.9	4.7	3.9	3.0	30.49	0.0	0.0	21	0.15	21	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	4.4	15	5
24/12/2018	14:15	4.8	4.8	4.7	93	3.7	3	NE	0.25	6	NE	3.9	4.8	3.9	2.4	30.49	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	14:20	4.8	4.9	4.8	92	3.6	3	NE	0.25	5	NE	4.0	4.8	4.0	2.5	30.48	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	58	3.3	1.1	5.0	5.0	15	5
24/12/2018	14:25	4.9	4.9	4.8	92	3.7	4	NE	0.33	8	NE	3.5	4.9	3.5	2.0	30.48	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	5.0	15	5
24/12/2018	14:30	4.8	4.9	4.8	92	3.6	3	NE	0.25	8	NE	4.0	4.8	4.0	2.5	30.49	0.0	0.0	18	0.13	18	0	0.00	0.00	0.05	0.00	0.00	58	3.3	1.1	5.0	4.4	15	5
24/12/2018	14:35	4.7	4.8	4.7	92	3.5	3	NE	0.25	6	NE	3.9	4.7	3.9	2.4	30.48	0.0	0.0	18	0.13	19	0	0.00	0.00	0.05	0.00	0.00	58	3.3	1.1	5.0	4.4	15	5
24/12/2018	14:40	4.7	4.8	4.7	92	3.5	3	NE	0.25	6	NE	3.8	4.7	3.8	2.3	30.48	0.0	0.0	18	0.13	19	0	0.00	0.00	0.05	0.00	0.00	58	3.3	1.1	5.0	4.4	15	5
24/12/2018	14:45	4.6	4.7	4.6	92	3.4	3	NE	0.25	8	NE	3.7	4.6	3.7	2.2	30.49	0.0	0.0	18	0.13	19	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	4.4	15	5
24/12/2018	14:50	4.6	4.7	4.6	92	3.4	2	NE	0.17	4	NE	4.5	4.6	4.5	3.0	30.49	0.0	0.0	19	0.14	21	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.6	5.0	4.4	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
24/12/2018	14:55	4.6	4.7	4.6	93	3.6	2	NE	0.17	5	NE	4.5	4.6	4.5	2.9	30.49	0.0	0.0	16	0.11	16	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.0	5.0	3.9	15	5
24/12/2018	15:00	4.6	4.6	4.6	92	3.4	2	NE	0.17	4	NE	4.4	4.6	4.4	2.9	30.49	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.0	5.0	3.9	15	5
24/12/2018	15:05	4.5	4.6	4.5	92	3.3	3	NE	0.25	5	NE	3.6	4.5	3.6	2.1	30.49	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.0	5.0	3.9	15	5
24/12/2018	15:10	4.4	4.6	4.4	92	3.3	2	NE	0.17	4	NE	4.3	4.4	4.3	2.8	30.49	0.0	0.0	19	0.14	19	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.0	5.0	3.9	15	5
24/12/2018	15:15	4.4	4.4	4.4	93	3.4	2	NE	0.17	5	NE	4.3	4.4	4.3	2.8	30.49	0.0	0.0	14	0.10	18	0	0.00	0.00	0.05	0.00	0.00	58	3.3	0.0	5.0	3.9	15	5
24/12/2018	15:20	4.4	4.4	4.4	93	3.4	2	NE	0.17	4	NE	4.3	4.4	4.3	2.7	30.49	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	59	3.3	0.0	5.0	3.3	15	5
24/12/2018	15:25	4.3	4.4	4.3	93	3.3	3	NE	0.25	5	NE	3.4	4.3	3.4	1.8	30.49	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	59	3.3	0.0	5.0	3.9	15	5
24/12/2018	15:30	4.3	4.3	4.3	93	3.3	3	NE	0.25	6	NE	3.4	4.3	3.4	1.7	30.49	0.0	0.0	8	0.06	9	0	0.00	0.00	0.05	0.00	0.00	59	3.3	0.0	5.0	3.9	15	5
24/12/2018	15:35	4.3	4.3	4.3	93	3.2	3	NE	0.25	6	NE	3.3	4.3	3.3	1.7	30.49	0.0	0.0	6	0.04	7	0	0.00	0.00	0.05	0.00	0.00	59	3.3	0.0	5.0	3.3	15	5
24/12/2018	15:40	4.2	4.3	4.2	93	3.1	3	NE	0.25	5	NE	3.2	4.2	3.2	1.5	30.49	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	59	3.3	0.0	5.0	3.3	15	5
24/12/2018	15:45	4.1	4.2	4.1	93	3.1	3	NE	0.25	5	NE	3.2	4.1	3.2	1.4	30.49	0.0	0.0	2	0.01	5	0	0.00	0.00	0.05	0.00	0.00	59	3.3	0.0	5.0	3.3	15	5
24/12/2018	15:50	4.1	4.1	4.1	93	3.0	1	NE	0.08	3	NE	4.1	4.1	4.1	2.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-0.6	5.0	2.2	15	5
24/12/2018	15:55	3.9	4.1	3.9	93	2.9	0	NE	0.00	2	NE	3.9	3.9	3.9	2.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-0.6	5.0	1.7	15	5
24/12/2018	16:00	3.8	3.9	3.8	93	2.8	2	NE	0.17	3	NE	3.7	3.8	3.7	1.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-0.6	5.0	2.2	15	5
24/12/2018	16:05	3.8	3.8	3.8	93	2.7	2	NE	0.17	3	NE	3.6	3.8	3.6	1.8	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-1.1	5.0	2.2	15	5
24/12/2018	16:10	3.6	3.8	3.6	93	2.6	3	NE	0.25	4	NE	2.6	3.6	2.6	0.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-1.1	5.0	2.2	15	5
24/12/2018	16:15	3.5	3.6	3.5	93	2.5	2	NE	0.17	4	NE	3.3	3.5	3.3	1.5	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-0.6	5.0	2.2	15	5
24/12/2018	16:20	3.4	3.5	3.4	93	2.4	1	NE	0.08	2	NE	3.4	3.4	3.4	1.6	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-1.1	5.0	1.7	15	5
24/12/2018	16:25	3.3	3.4	3.3	93	2.3	0	NE	0.00	2	NE	3.3	3.3	3.3	1.5	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-1.1	5.0	1.7	15	5
24/12/2018	16:30	3.2	3.3	3.2	93	2.1	0	NE	0.00	1	NE	3.2	3.2	3.2	1.3	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-0.6	5.0	1.7	15	5
24/12/2018	16:35	3.1	3.2	3.1	93	2.0	0	NE	0.00	2	NE	3.1	3.1	3.1	1.2	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	-0.6	5.0	1.1	15	5
24/12/2018	16:40	2.9	3.1	2.9	93	1.9	1	NE	0.08	2	NE	2.9	2.9	2.9	1.1	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	60	3.3	-1.1	5.0	1.1	15	5
24/12/2018	16:45	2.8	2.9	2.8	93	1.8	2	NE	0.17	3	NE	2.5	2.8	2.5	0.7	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	60	3.3	-1.1	5.0	1.1	15	5
24/12/2018	16:50	2.7	2.8	2.7	93	1.7	3	NE	0.25	4	NE	1.6	2.7	1.6	-0.2	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	60	3.3	-1.1	5.0	1.1	15	5
24/12/2018	16:55	2.6	2.7	2.6	93	1.6	2	NE	0.17	4	NE	2.3	2.6	2.3	0.4	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-1.1	5.0	1.1	14	5
24/12/2018	17:00	2.5	2.6	2.5	93	1.5	2	NE	0.17	3	NE	2.2	2.5	2.2	0.3	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-1.1	5.0	0.6	5	5
24/12/2018	17:05	2.4	2.5	2.4	93	1.4	1	NE	0.08	2	NE	2.4	2.4	2.4	0.6	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-1.1	5.0	0.6	2	5
24/12/2018	17:10	2.3	2.4	2.3	93	1.3	0	NE	0.00	2	NE	2.3	2.3	2.3	0.4	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-1.1	5.0	0.0	1	5
24/12/2018	17:15	2.2	2.3	2.2	93	1.2	1	NE	0.08	3	NE	2.2	2.2	2.2	0.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	0.0	1	5
24/12/2018	17:20	2.1	2.2	2.1	93	1.0	2	NE	0.17	3	NE	1.7	2.1	1.7	-0.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	0.0	1	5
24/12/2018	17:25	1.9	2.1	1.9	93	0.9	1	NE	0.08	3	NE	1.9	1.9	1.9	0.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	0.0	1	5
24/12/2018	17:30	1.9	1.9	1.9	93	0.9	1	NE	0.08	2	NE	1.9	1.9	1.9	0.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	0.0	1	5
24/12/2018	17:35	1.8	1.9	1.8	93	0.8	1	NE	0.08	2	NE	1.8	1.8	1.8	-0.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	0.0	1	5
24/12/2018	17:40	1.7	1.8	1.7	93	0.7	1	NE	0.08	2	NE	1.7	1.7	1.7	-0.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	-0.6	0	5
24/12/2018	17:45	1.6	1.7	1.6	94	0.7	3	NE	0.25	5	NE	0.3	1.6	0.3	-1.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	0.0	1	5
24/12/2018	17:50	1.6	1.6	1.6	94	0.7	3	NE	0.25	4	NE	0.3	1.6	0.3	-1.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.7	5.0	0.0	1	5
24/12/2018	17:55	1.5	1.6	1.5	94	0.6	2	NE	0.17	4	NE	1.1	1.5	1.1	-0.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	0.6	1	5
24/12/2018	18:00	1.5	1.5	1.5	94	0.6	2	NE	0.17	5	NE	1.1	1.5	1.1	-0.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	0.6	1	5
24/12/2018	18:05	1.6	1.6	1.5	94	0.7	5	NE	0.42	9	NE	-0.9	1.6	-0.9	-2.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	1.1	3	5
24/12/2018	18:10	1.7	1.7	1.6	95	1.0	6	NE	0.50	9	NE	-1.2	1.7	-1.2	-3.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	61	3.3	-1.1	5.0	1.1	4	5
24/12/2018	18:15	1.8	1.8	1.7	95	1.1	5	NE	0.42	9	NE	-0.7	1.8	-0.7	-2.5	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.7	10	5
24/12/2018	18:20	1.9	1.9	1.8	95	1.2	6	NE	0.50	9	NE	-0.9	1.9	-0.9	-2.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
24/12/2018	18:25	2.1	2.1	1.9	95	1.3	8	NE	0.67	12	NE	-1.4	2.1	-1.4	-3.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.7	15	5
24/12/2018	18:30	2.2	2.2	2.1	96	1.6	8	WSW	0.67	13	WSW	-1.3	2.2	-1.3	-3.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.7	15	5
24/12/2018	18:35	2.3	2.3	2.2	96	1.7	7	WSW	0.58	11	WSW	-0.9	2.3	-0.9	-2.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.7	15	5
24/12/2018	18:40	2.3	2.3	2.3	96	1.7	6	WSW	0.50	10	WSW	-0.5	2.3	-0.5	-2.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.7	15	5
24/12/2018	18:45	2.3	2.3	2.3	96	1.7	6	WSW	0.50	8	WSW	-0.5	2.3	-0.5	-2.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.7	15	5
24/12/2018	18:50	2.3	2.3	2.3	96	1.7	5	WSW	0.42	8	WSW	-0.1	2.3	-0.1	-1.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.1	15	5
24/12/2018	18:55	2.2	2.3	2.2	96	1.7	4	WSW	0.33	7	WSW	0.4	2.2	0.4	-1.4	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.1	15	5
24/12/2018	19:00	2.2	2.2	2.2	96	1.6	4	WSW	0.33	7	WSW	0.3	2.2	0.3	-1.5	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.1	15	5
24/12/2018	19:05	2.1	2.2	2.1	96	1.5	4	WSW	0.33	8	WSW	0.3	2.1	0.3	-1.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.1	15	5
24/12/2018	19:10	2.1	2.2	2.1	96	1.5	6	WSW	0.50	9	WSW	-0.7	2.1	-0.7	-2.5	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.7	15	5
24/12/2018	19:15	2.2	2.2	2.1	96	1.6	6	WSW	0.50	9	WSW	-0.6	2.2	-0.6	-2.4	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	5.0	1.7	15	5
24/12/2018	19:20	2.2	2.2	2.2	96	1.7	6	WSW	0.50	9	WSW	-0.6	2.2	-0.6	-2.4	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	19:25	2.3	2.3	2.2	96	1.7	6	WSW	0.50	10	WSW	-0.5	2.3	-0.5	-2.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	19:30	2.3	2.3	2.3	96	1.7	7	WSW	0.58	10	WSW	-0.9	2.3	-0.9	-2.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	19:35	2.3	2.3	2.3	97	1.9	7	WSW	0.58	10	WSW	-0.9	2.3	-0.9	-2.7	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	19:40	2.3	2.3	2.3	97	1.9	8	WSW	0.67	10	WSW	-1.2	2.3	-1.2	-2.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	19:45	2.3	2.3	2.3	97	1.9	8	SW	0.67	11	SW	-1.1	2.3	-1.1	-2.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	19:50	2.3	2.3	2.3	97	1.9	7	WSW	0.58	10	SW	-0.8	2.3	-0.8	-2.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	19:55	2.3	2.3	2.3	97	1.9	7	SW	0.58	11	SW	-0.9	2.3	-0.9	-2.7	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	20:00	2.3	2.3	2.3	97	1.9	7	SW	0.58	11	SW	-0.9	2.3	-0.9	-2.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	20:05	2.2	2.3	2.2	97	1.8	8	SW	0.67	12	SW	-1.3	2.2	-1.3	-3.0	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	20:10	2.2	2.3	2.2	97	1.8	8	SW	0.67	12	SW	-1.3	2.2	-1.3	-3.0	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	20:15	2.2	2.2	2.2	97	1.8	8	SW	0.67	11	SW	-1.3	2.2	-1.3	-3.0	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	20:20	2.2	2.2	2.2	97	1.7	7	SW	0.58	10	SW	-1.0	2.2	-1.0	-2.8	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	20:25	2.2	2.2	2.2	97	1.7	7	SW	0.58	11	SW	-1.0	2.2	-1.0	-2.8	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	0.0	4.4	1.7	15	5
24/12/2018	20:30	2.2	2.2	2.2	97	1.7	8	SW	0.67	12	SW	-1.3	2.2	-1.3	-3.1	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	20:35	2.1	2.2	2.1	97	1.7	8	SW	0.67	11	SW	-1.4	2.1	-1.4	-3.1	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	20:40	2.1	2.1	2.1	97	1.7	8	SW	0.67	12	SW	-1.4	2.1	-1.4	-3.1	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	0.0	4.4	1.7	15	5
24/12/2018	20:45	2.2	2.2	2.1	97	1.7	8	SW	0.67	13	SW	-1.3	2.2	-1.3	-3.1	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	0.0	4.4	1.7	15	5
24/12/2018	20:50	2.2	2.2	2.2	97	1.7	8	SW	0.67	12	SW	-1.3	2.2	-1.3	-3.1	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	0.0	4.4	1.7	15	5
24/12/2018	20:55	2.2	2.2	2.2	97	1.7	6	SW	0.50	9	SW	-0.6	2.2	-0.6	-2.4	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	21:00	2.1	2.2	2.1	97	1.7	5	SW	0.42	8	SW	-0.3	2.1	-0.3	-2.1	30.53	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.7	15	5
24/12/2018	21:05	2.1	2.2	2.1	97	1.7	6	SW	0.50	8	SW	-0.7	2.1	-0.7	-2.5	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.1	15	5
24/12/2018	21:10	2.1	2.1	2.1	97	1.6	6	SW	0.50	9	SW	-0.8	2.1	-0.8	-2.6	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	3.3	-0.6	4.4	1.1	15	5
24/12/2018	21:15	2.0	2.1	2.0	97	1.6	6	SW	0.50	9	SW	-0.8	2.0	-0.8	-2.7	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.1	15	5
24/12/2018	21:20	2.0	2.0	2.0	97	1.6	6	SW	0.50	11	SW	-0.8	2.0	-0.8	-2.7	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.1	15	5
24/12/2018	21:25	1.9	2.0	1.9	98	1.7	6	SW	0.50	8	SW	-0.9	2.0	-0.8	-2.7	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.1	15	5
24/12/2018	21:30	1.9	1.9	1.9	98	1.7	5	SW	0.42	9	SW	-0.4	2.0	-0.4	-2.2	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.1	15	5
24/12/2018	21:35	1.9	1.9	1.9	97	1.5	4	SW	0.33	7	SW	0.0	1.9	0.0	-1.8	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.1	15	5
24/12/2018	21:40	1.8	1.9	1.8	97	1.4	4	SW	0.33	6	SW	-0.1	1.8	-0.1	-1.9	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.1	15	5
24/12/2018	21:45	1.8	1.8	1.8	98	1.5	5	SW	0.42	10	SW	-0.7	1.8	-0.6	-2.4	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.1	15	5
24/12/2018	21:50	1.8	1.8	1.8	98	1.5	6	SW	0.50	10	SW	-1.1	1.8	-1.1	-2.9	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
24/12/2018	21:55	1.8	1.8	1.8	98	1.6	7	SW	0.58	11	SW	-1.4	1.9	-1.3	-3.2	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.1	15	5
24/12/2018	22:00	1.9	1.9	1.8	98	1.6	7	SW	0.58	11	SW	-1.3	1.9	-1.3	-3.1	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.1	15	5
24/12/2018	22:05	1.9	1.9	1.9	98	1.7	9	SW	0.75	12	SW	-1.9	2.0	-1.8	-3.5	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.7	15	5
24/12/2018	22:10	1.9	2.0	1.9	98	1.7	9	SW	0.75	12	SW	-1.9	2.0	-1.8	-3.5	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	22:15	2.1	2.1	1.9	98	1.8	9	SW	0.75	12	SW	-1.8	2.1	-1.7	-3.4	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	-0.6	4.4	1.7	15	5
24/12/2018	22:20	2.1	2.1	2.0	98	1.8	9	SW	0.75	12	SW	-1.7	2.2	-1.7	-3.3	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	22:25	2.2	2.2	2.1	98	1.9	9	SW	0.75	14	SW	-1.6	2.2	-1.6	-3.2	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	22:30	2.2	2.2	2.2	98	1.9	9	SW	0.75	13	SW	-1.6	2.3	-1.5	-3.2	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	22:35	2.2	2.3	2.2	98	1.9	9	SW	0.75	13	SW	-1.6	2.3	-1.5	-3.2	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	22:40	2.3	2.3	2.2	98	2.0	8	SW	0.67	13	SW	-1.2	2.3	-1.2	-2.9	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	22:45	2.3	2.3	2.3	98	2.1	9	SW	0.75	14	SW	-1.4	2.4	-1.4	-3.1	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	22:50	2.4	2.4	2.3	98	2.1	9	SW	0.75	12	SW	-1.4	2.4	-1.3	-3.0	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	22:55	2.4	2.4	2.4	98	2.1	8	SW	0.67	12	SW	-1.1	2.4	-1.0	-2.7	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	23:00	2.4	2.4	2.4	98	2.2	8	SW	0.67	11	WSW	-1.0	2.5	-0.9	-2.7	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	23:05	2.4	2.4	2.4	98	2.2	8	SW	0.67	12	WSW	-1.0	2.5	-0.9	-2.7	30.51	0.2	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	23:10	2.4	2.4	2.4	98	2.1	8	SW	0.67	12	SW	-1.1	2.4	-1.0	-2.7	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	23:15	2.4	2.4	2.4	98	2.1	8	SW	0.67	12	SW	-1.1	2.4	-1.0	-2.7	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	23:20	2.4	2.4	2.4	98	2.2	8	SW	0.67	12	SW	-1.0	2.5	-0.9	-2.7	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	23:25	2.4	2.4	2.4	98	2.2	8	SW	0.67	13	WSW	-1.0	2.5	-0.9	-2.7	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	1.7	15	5
24/12/2018	23:30	2.5	2.5	2.4	98	2.2	7	SW	0.58	11	WSW	-0.6	2.6	-0.6	-2.4	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.0	4.4	2.2	15	5
24/12/2018	23:35	2.5	2.5	2.4	98	2.2	8	SW	0.67	12	SSW	-0.9	2.6	-0.9	-2.6	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.6	4.4	2.2	15	5
24/12/2018	23:40	2.5	2.5	2.4	98	2.2	8	SW	0.67	14	SSW	-0.9	2.6	-0.9	-2.6	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.6	4.4	2.2	15	5
24/12/2018	23:45	2.5	2.6	2.5	98	2.2	8	SW	0.67	13	SSW	-0.9	2.6	-0.9	-2.6	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.6	4.4	2.2	15	5
24/12/2018	23:50	2.6	2.6	2.5	98	2.3	7	SW	0.58	11	SSW	-0.6	2.6	-0.5	-2.3	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.06	0.00	0.00	60	2.8	0.6	4.4	2.2	15	5
24/12/2018	23:55	2.7	2.7	2.6	98	2.4	8	SW	0.67	14	SSW	-0.7	2.7	-0.7	-2.3	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	60	2.8	0.6	4.4	2.8	15	5
25/12/2018	00:00	2.7	2.7	2.7	98	2.4	7	SW	0.58	12	SW	-0.3	2.8	-0.3	-2.1	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.1	4.4	2.8	15	5
25/12/2018	00:05	2.8	2.8	2.7	98	2.5	8	SW	0.67	11	SSW	-0.5	2.9	-0.4	-2.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.1	4.4	2.8	15	5
25/12/2018	00:10	2.9	2.9	2.8	98	2.7	7	SW	0.58	11	SSW	-0.1	3.0	0.0	-1.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.1	4.4	2.8	15	5
25/12/2018	00:15	3.1	3.1	2.9	98	2.8	9	SSW	0.75	13	SSW	-0.6	3.1	-0.5	-2.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	2.8	15	5
25/12/2018	00:20	3.1	3.1	3.1	98	2.8	8	SSW	0.67	12	SSW	-0.2	3.2	-0.1	-1.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	2.8	15	5
25/12/2018	00:25	3.1	3.2	3.1	98	2.8	8	SSW	0.67	12	SSW	-0.2	3.2	-0.1	-1.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	2.8	15	5
25/12/2018	00:30	3.2	3.2	3.1	98	2.9	8	SSW	0.67	12	SSW	-0.1	3.2	-0.1	-1.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	2.8	15	5
25/12/2018	00:35	3.2	3.2	3.2	98	2.9	9	SSW	0.75	14	SSW	-0.4	3.2	-0.3	-1.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	2.8	15	5
25/12/2018	00:40	3.2	3.2	3.2	98	2.9	8	SSW	0.67	12	SSW	-0.1	3.3	0.0	-1.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	3.3	15	5
25/12/2018	00:45	3.3	3.3	3.2	98	3.0	8	SSW	0.67	11	SSW	0.0	3.3	0.1	-1.6	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	2.8	15	5
25/12/2018	00:50	3.3	3.3	3.3	98	3.0	8	SW	0.67	11	SW	0.0	3.3	0.1	-1.6	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	2.8	15	5
25/12/2018	00:55	3.3	3.3	3.3	98	3.0	7	SW	0.58	11	SSW	0.4	3.4	0.4	-1.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	3.3	15	5
25/12/2018	01:00	3.4	3.4	3.3	98	3.2	7	SW	0.58	10	SW	0.6	3.5	0.6	-1.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	3.3	15	5
25/12/2018	01:05	3.5	3.5	3.4	98	3.2	7	SW	0.58	11	WSW	0.6	3.6	0.7	-1.1	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	2.8	1.7	4.4	3.3	15	5
25/12/2018	01:10	3.6	3.6	3.5	98	3.3	8	SW	0.67	11	WSW	0.4	3.7	0.5	-1.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	4.4	3.3	15	5
25/12/2018	01:15	3.7	3.7	3.6	98	3.4	9	SW	0.75	12	WSW	0.3	3.8	0.3	-1.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	2.8	2.2	4.4	3.9	15	5
25/12/2018	01:20	3.8	3.8	3.7	98	3.5	9	SW	0.75	14	WSW	0.4	3.9	0.4	-1.1	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	59	3.3	2.2	4.4	3.9	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
25/12/2018	01:25	3.9	3.9	3.8	98	3.7	9	SW	0.75	14	SW	0.6	4.0	0.6	-0.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	3.9	15	5
25/12/2018	01:30	4.0	4.0	3.9	98	3.7	9	SW	0.75	16	SW	0.6	4.1	0.7	-0.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	3.9	15	5
25/12/2018	01:35	4.1	4.1	4.0	98	3.8	10	SW	0.83	14	SW	0.5	4.2	0.6	-0.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	3.9	15	5
25/12/2018	01:40	4.2	4.2	4.1	98	3.9	10	SW	0.83	14	SSW	0.6	4.2	0.6	-0.9	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	01:45	4.2	4.2	4.2	98	3.9	10	SW	0.83	17	SSW	0.6	4.3	0.7	-0.8	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	01:50	4.3	4.3	4.2	98	4.0	9	SW	0.75	13	SW	0.9	4.3	1.0	-0.6	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	01:55	4.3	4.4	4.3	98	4.0	9	SW	0.75	14	WSW	1.0	4.4	1.1	-0.4	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	02:00	4.4	4.4	4.3	98	4.1	9	SW	0.75	14	SSW	1.1	4.5	1.2	-0.3	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	02:05	4.4	4.4	4.4	98	4.2	10	SW	0.83	14	SW	0.9	4.6	1.0	-0.5	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	02:10	4.5	4.5	4.4	98	4.2	10	SW	0.83	16	SSW	0.9	4.6	1.1	-0.4	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	02:15	4.5	4.5	4.4	98	4.2	10	SW	0.83	15	SW	0.9	4.6	1.1	-0.4	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	02:20	4.6	4.6	4.5	98	4.3	10	SW	0.83	15	WSW	1.0	4.7	1.1	-0.4	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	02:25	4.6	4.6	4.6	98	4.3	10	SW	0.83	14	WSW	1.0	4.7	1.1	-0.4	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	02:30	4.7	4.7	4.6	98	4.4	10	SW	0.83	16	SW	1.2	4.8	1.3	-0.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	4.4	15	5
25/12/2018	02:35	4.7	4.7	4.7	98	4.4	9	SW	0.75	14	WSW	1.4	4.8	1.6	0.0	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	3.3	4.4	5.0	15	5
25/12/2018	02:40	4.8	4.8	4.7	98	4.5	9	SW	0.75	15	WSW	1.6	4.9	1.7	0.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.0	15	5
25/12/2018	02:45	4.8	4.8	4.8	98	4.5	9	SW	0.75	15	WSW	1.6	4.9	1.7	0.2	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.0	15	5
25/12/2018	02:50	4.9	4.9	4.8	98	4.6	8	SW	0.67	12	WSW	2.0	5.0	2.1	0.5	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.0	15	5
25/12/2018	02:55	4.9	4.9	4.9	98	4.6	9	SW	0.75	12	WSW	1.7	5.0	1.8	0.3	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.0	15	5
25/12/2018	03:00	4.9	4.9	4.9	98	4.7	9	SW	0.75	16	SSW	1.8	5.1	1.9	0.3	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.0	15	5
25/12/2018	03:05	4.9	4.9	4.9	98	4.7	9	SW	0.75	14	SW	1.8	5.1	1.9	0.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	4.4	5.0	14	5
25/12/2018	03:10	4.9	5.0	4.9	98	4.7	9	SW	0.75	14	WSW	1.8	5.1	1.9	0.3	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.0	14	5
25/12/2018	03:15	4.9	5.0	4.9	98	4.7	8	SW	0.67	14	WSW	2.1	5.1	2.2	0.6	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.0	14	5
25/12/2018	03:20	4.9	4.9	4.9	98	4.7	8	SW	0.67	11	WSW	2.1	5.1	2.2	0.6	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	4.4	5.0	14	5
25/12/2018	03:25	4.9	4.9	4.9	98	4.7	7	SW	0.58	14	SSW	2.3	5.1	2.4	0.7	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.8	4.4	5.0	14	5
25/12/2018	03:30	4.9	4.9	4.9	98	4.7	7	SW	0.58	12	WSW	2.3	5.1	2.4	0.7	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	4.4	4.4	14	5
25/12/2018	03:35	4.9	4.9	4.9	98	4.6	6	SW	0.50	11	WSW	2.6	5.0	2.7	1.0	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	4.4	4.4	14	5
25/12/2018	03:40	4.9	4.9	4.9	98	4.7	6	SW	0.50	11	WSW	2.7	5.1	2.8	1.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	4.4	4.4	14	5
25/12/2018	03:45	4.9	4.9	4.9	98	4.6	4	SSW	0.33	9	SSW	3.5	5.0	3.6	1.9	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	2.2	4.4	4.4	14	5
25/12/2018	03:50	4.8	4.9	4.8	98	4.5	4	S	0.33	10	SSW	3.4	4.9	3.5	1.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	1.7	4.4	4.4	14	5
25/12/2018	03:55	4.8	4.8	4.8	98	4.5	4	SE	0.33	8	S	3.3	4.9	3.4	1.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	1.7	4.4	3.9	14	5
25/12/2018	04:00	4.7	4.8	4.7	98	4.4	4	S	0.33	8	S	3.3	4.8	3.4	1.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	1.7	4.4	3.9	15	5
25/12/2018	04:05	4.7	4.7	4.7	98	4.4	5	S	0.42	11	SSE	2.7	4.8	2.8	1.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	1.7	4.4	4.4	15	5
25/12/2018	04:10	4.7	4.7	4.7	98	4.4	7	SSW	0.58	14	SSW	2.1	4.8	2.2	0.4	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	5.0	15	5
25/12/2018	04:15	4.8	4.8	4.7	98	4.5	8	SW	0.67	12	SSW	1.9	4.9	2.0	0.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	5.0	15	5
25/12/2018	04:20	4.9	4.9	4.8	98	4.6	7	SW	0.58	11	SW	2.3	5.0	2.4	0.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	5.0	15	5
25/12/2018	04:25	4.9	4.9	4.9	98	4.7	6	SW	0.50	11	SSW	2.7	5.1	2.8	1.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	4.4	15	5
25/12/2018	04:30	4.9	4.9	4.9	98	4.7	5	SW	0.42	9	SW	3.1	5.1	3.2	1.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	4.4	15	5
25/12/2018	04:35	4.9	4.9	4.9	98	4.6	7	SW	0.58	11	WSW	2.3	5.0	2.4	0.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	4.4	15	5
25/12/2018	04:40	4.9	4.9	4.9	98	4.7	6	SW	0.50	9	SW	2.7	5.1	2.8	1.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	5.0	15	5
25/12/2018	04:45	4.9	4.9	4.9	98	4.7	6	SW	0.50	9	SW	2.7	5.1	2.8	1.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	5.0	15	5
25/12/2018	04:50	4.9	4.9	4.9	98	4.7	6	SW	0.50	9	SW	2.7	5.1	2.8	1.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	4.4	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
25/12/2018	04:55	4.9	4.9	4.9	98	4.7	6	SW	0.50	9	SW	2.7	5.1	2.8	1.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	4.4	15	5
25/12/2018	05:00	4.9	4.9	4.9	98	4.7	7	SW	0.58	14	SSW	2.3	5.1	2.4	0.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	5.0	15	5
25/12/2018	05:05	4.9	4.9	4.9	98	4.7	7	SW	0.58	10	SSW	2.3	5.1	2.4	0.7	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	5.0	15	5
25/12/2018	05:10	4.9	5.0	4.9	98	4.7	6	SW	0.50	9	SW	2.7	5.1	2.8	1.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	5.0	15	5
25/12/2018	05:15	5.0	5.0	4.9	98	4.7	6	SW	0.50	11	SSW	2.7	5.1	2.8	1.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	5.0	15	5
25/12/2018	05:20	5.0	5.1	5.0	98	4.7	7	SW	0.58	11	WSW	2.4	5.1	2.5	0.8	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	5.0	15	5
25/12/2018	05:25	5.1	5.1	5.0	98	4.8	7	SW	0.58	11	SW	2.4	5.2	2.6	0.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	5.0	15	5
25/12/2018	05:30	5.1	5.1	5.1	98	4.8	8	SW	0.67	11	SW	2.2	5.2	2.3	0.7	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	5.0	15	5
25/12/2018	05:35	5.1	5.1	5.1	98	4.8	8	SW	0.67	14	SW	2.2	5.2	2.3	0.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.2	4.4	5.0	15	5
25/12/2018	05:40	5.1	5.1	5.1	98	4.8	8	SW	0.67	13	SW	2.2	5.2	2.3	0.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	5.0	15	5
25/12/2018	05:45	5.1	5.1	5.1	98	4.8	9	SW	0.75	12	WSW	1.9	5.2	2.1	0.5	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	2.8	4.4	5.0	15	5
25/12/2018	05:50	5.2	5.2	5.1	98	4.9	8	SW	0.67	11	WSW	2.3	5.3	2.4	0.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.3	3.3	4.4	5.6	15	5
25/12/2018	05:55	5.2	5.3	5.2	98	4.9	7	SW	0.58	11	W	2.7	5.3	2.8	1.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.6	15	5
25/12/2018	06:00	5.3	5.3	5.3	98	5.0	8	SW	0.67	13	SW	2.4	5.4	2.6	0.9	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.6	15	5
25/12/2018	06:05	5.3	5.3	5.3	98	5.0	8	SW	0.67	12	WSW	2.5	5.4	2.6	1.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.6	15	5
25/12/2018	06:10	5.3	5.3	5.3	98	5.0	8	SW	0.67	13	WSW	2.5	5.4	2.6	1.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.6	15	5
25/12/2018	06:15	5.4	5.4	5.3	98	5.1	8	SW	0.67	14	W	2.6	5.5	2.7	1.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.0	15	5
25/12/2018	06:20	5.4	5.4	5.4	98	5.1	7	SW	0.58	13	W	2.8	5.5	2.9	1.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.3	3.3	4.4	5.0	15	5
25/12/2018	06:25	5.4	5.4	5.4	98	5.1	8	SW	0.67	13	SSW	2.6	5.5	2.7	1.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	3.3	4.4	5.0	15	5
25/12/2018	06:30	5.4	5.4	5.4	98	5.1	7	SW	0.58	12	WSW	2.8	5.5	2.9	1.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	3.3	4.4	5.0	15	5
25/12/2018	06:35	5.4	5.4	5.4	98	5.1	7	SW	0.58	9	SW	2.8	5.5	2.9	1.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	58	3.9	3.9	4.4	5.0	15	5
25/12/2018	06:40	5.4	5.4	5.4	98	5.1	7	SW	0.58	10	WSW	2.8	5.5	2.9	1.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.6	15	5
25/12/2018	06:45	5.4	5.4	5.4	98	5.1	7	SW	0.58	11	SW	2.8	5.5	2.9	1.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.6	15	5
25/12/2018	06:50	5.4	5.4	5.4	98	5.1	7	SW	0.58	12	WSW	2.8	5.5	2.9	1.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.6	14	5
25/12/2018	06:55	5.4	5.4	5.4	98	5.1	7	SW	0.58	11	WSW	2.8	5.5	2.9	1.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.6	14	5
25/12/2018	07:00	5.4	5.4	5.4	98	5.2	7	SW	0.58	11	SSW	2.9	5.6	3.1	1.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.6	14	5
25/12/2018	07:05	5.4	5.4	5.4	98	5.1	6	SW	0.50	9	SW	3.2	5.5	3.3	1.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	14	5
25/12/2018	07:10	5.4	5.4	5.4	98	5.1	6	SSW	0.50	9	SSW	3.2	5.5	3.3	1.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	14	5
25/12/2018	07:15	5.3	5.4	5.3	98	5.0	6	SSW	0.50	9	SSW	3.1	5.4	3.2	1.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	14	5
25/12/2018	07:20	5.3	5.3	5.3	98	5.0	5	SSW	0.42	8	SSW	3.4	5.4	3.6	1.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.0	14	5
25/12/2018	07:25	5.3	5.3	5.3	98	5.0	6	S	0.50	10	S	3.1	5.4	3.2	1.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.0	14	5
25/12/2018	07:30	5.3	5.3	5.3	98	5.0	5	S	0.42	8	S	3.4	5.4	3.6	1.8	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	14	5
25/12/2018	07:35	5.2	5.3	5.2	98	4.9	6	SSW	0.50	9	S	3.0	5.3	3.1	1.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	14	5
25/12/2018	07:40	5.2	5.2	5.2	98	4.9	6	SSW	0.50	8	S	3.0	5.3	3.1	1.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	14	5
25/12/2018	07:45	5.2	5.2	5.2	98	4.9	6	SSW	0.50	10	SSW	2.9	5.3	3.1	1.3	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	14	5
25/12/2018	07:50	5.2	5.2	5.2	98	4.9	4	SSW	0.33	7	SSW	3.8	5.3	3.9	2.2	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	4.4	14	5
25/12/2018	07:55	5.1	5.2	5.1	98	4.8	5	SSW	0.42	8	SSW	3.2	5.2	3.3	1.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	4.4	14	5
25/12/2018	08:00	5.1	5.1	5.1	98	4.8	3	SSW	0.25	6	SSW	4.2	5.2	4.3	2.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	4.4	15	5
25/12/2018	08:05	5.0	5.1	5.0	98	4.7	4	SSW	0.33	7	SSW	3.6	5.1	3.7	2.0	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	2.8	4.4	4.4	15	5
25/12/2018	08:10	4.9	5.0	4.9	98	4.7	5	SSW	0.42	8	SSW	3.1	5.1	3.2	1.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	4.4	15	5
25/12/2018	08:15	4.9	4.9	4.9	98	4.7	5	SSW	0.42	7	SSW	3.1	5.1	3.2	1.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5
25/12/2018	08:20	4.9	4.9	4.9	98	4.7	5	SSW	0.42	8	S	3.1	5.1	3.2	1.5	30.47	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
25/12/2018	08:25	4.9	4.9	4.9	98	4.7	5	S	0.42	8	S	3.1	5.1	3.2	1.5	30.47	0.0	0.0	5	0.04	5	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5
25/12/2018	08:30	5.0	5.0	4.9	98	4.7	7	S	0.58	9	S	2.4	5.1	2.5	0.9	30.47	0.0	0.0	6	0.04	7	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.3	4.4	5.0	15	5
25/12/2018	08:35	5.1	5.1	5.0	98	4.8	7	SSW	0.58	10	SSW	2.4	5.2	2.6	0.9	30.46	0.0	0.0	9	0.06	11	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.0	14	5
25/12/2018	08:40	5.2	5.2	5.1	98	4.9	6	SSW	0.50	10	SSW	2.9	5.3	3.1	1.5	30.46	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.6	14	5
25/12/2018	08:45	5.3	5.3	5.2	99	5.2	7	SSW	0.58	10	SW	2.8	5.4	2.9	1.3	30.47	0.0	0.0	12	0.09	12	0	0.00	0.00	0.05	0.00	0.00	57	3.9	3.9	4.4	5.6	14	5
25/12/2018	08:50	5.4	5.4	5.3	99	5.3	7	SW	0.58	12	SW	2.9	5.6	3.1	1.6	30.47	0.0	0.0	15	0.11	16	0	0.00	0.00	0.05	0.00	0.00	57	3.9	4.4	4.4	5.6	14	5
25/12/2018	08:55	5.6	5.6	5.4	98	5.3	8	SW	0.67	14	WSW	2.8	5.7	2.9	1.4	30.47	0.0	0.0	16	0.11	16	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	14	5
25/12/2018	09:00	5.6	5.6	5.5	99	5.4	7	SW	0.58	12	SSW	3.1	5.7	3.2	1.7	30.47	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	57	3.9	3.9	4.4	5.6	14	5
25/12/2018	09:05	5.7	5.7	5.6	99	5.5	8	SW	0.67	13	SW	2.9	5.8	3.0	1.6	30.47	0.0	0.0	20	0.14	21	0	0.00	0.00	0.04	0.00	0.00	57	3.9	4.4	4.4	6.1	14	5
25/12/2018	09:10	5.7	5.7	5.7	99	5.5	8	SW	0.67	16	SSW	2.9	5.8	3.0	1.7	30.47	0.0	0.0	22	0.16	25	0	0.00	0.00	0.04	0.00	0.00	56	3.9	4.4	4.4	6.1	13	5
25/12/2018	09:15	5.7	5.7	5.7	99	5.6	9	SW	0.75	14	SW	2.7	5.8	2.8	1.6	30.47	0.0	0.0	27	0.19	28	0	0.00	0.00	0.04	0.00	0.00	56	3.9	4.4	4.4	6.1	13	5
25/12/2018	09:20	5.8	5.8	5.7	99	5.6	9	SW	0.75	12	SSW	2.7	5.9	2.8	1.7	30.47	0.0	0.0	31	0.22	32	0	0.00	0.00	0.04	0.00	0.00	56	3.9	5.0	4.4	6.1	13	5
25/12/2018	09:25	5.8	5.8	5.8	99	5.7	9	SW	0.75	15	WSW	2.8	5.9	2.9	1.8	30.46	0.0	0.0	31	0.22	32	0	0.00	0.00	0.04	0.00	0.00	56	3.9	5.0	4.4	6.1	13	5
25/12/2018	09:30	5.9	5.9	5.8	99	5.8	9	SW	0.75	14	SSW	2.9	6.1	3.1	1.9	30.46	0.0	0.0	34	0.24	35	0	0.00	0.00	0.04	0.00	0.00	56	3.9	5.0	4.4	6.1	13	5
25/12/2018	09:35	6.0	6.0	5.9	99	5.9	9	SW	0.75	14	WSW	3.0	6.1	3.1	2.1	30.46	0.0	0.0	39	0.28	40	0	0.00	0.00	0.04	0.00	0.00	56	3.9	5.0	4.4	6.1	12	5
25/12/2018	09:40	6.1	6.1	6.0	99	6.0	8	SW	0.67	13	WSW	3.4	6.3	3.6	2.6	30.46	0.0	0.0	48	0.34	51	0	0.00	0.00	0.04	0.00	0.00	56	3.9	5.0	4.4	6.7	12	5
25/12/2018	09:45	6.1	6.1	6.1	99	6.0	9	SW	0.75	13	WSW	3.1	6.3	3.3	2.3	30.46	0.0	0.0	44	0.32	49	0	0.00	0.00	0.04	0.00	0.00	56	3.9	5.0	4.4	6.7	12	5
25/12/2018	09:50	6.2	6.2	6.1	99	6.0	9	SW	0.75	12	WSW	3.2	6.3	3.3	2.3	30.46	0.0	0.0	41	0.29	42	0	0.00	0.00	0.04	0.00	0.00	56	3.9	5.0	4.4	6.7	11	5
25/12/2018	09:55	6.2	6.2	6.2	99	6.1	7	SW	0.58	10	WSW	3.9	6.4	4.1	2.9	30.46	0.0	0.0	41	0.29	42	0	0.00	0.00	0.04	0.00	0.00	56	3.9	5.0	4.4	6.7	11	5
25/12/2018	10:00	6.2	6.2	6.2	99	6.1	6	SW	0.50	9	WSW	4.2	6.4	4.3	3.1	30.46	0.0	0.0	35	0.25	39	0	0.00	0.00	0.04	0.00	0.03	56	3.9	4.4	4.4	6.7	11	5
25/12/2018	10:05	6.3	6.3	6.2	99	6.2	6	SW	0.50	10	SSW	4.3	6.5	4.5	3.3	30.46	0.0	0.0	34	0.24	37	0	0.00	0.00	0.04	0.00	0.00	56	3.9	4.4	4.4	6.7	10	5
25/12/2018	10:10	6.4	6.4	6.3	99	6.2	6	SSW	0.50	12	SSW	4.4	6.6	4.6	3.3	30.46	0.0	0.0	33	0.24	33	0	0.00	0.00	0.04	0.00	0.00	56	3.9	4.4	4.4	6.7	10	5
25/12/2018	10:15	6.4	6.4	6.4	99	6.3	6	SW	0.50	9	SSW	4.4	6.6	4.6	4.2	30.46	0.0	0.0	33	0.24	35	0	0.00	0.00	0.04	0.00	0.00	56	3.9	4.4	4.4	6.7	10	5
25/12/2018	10:20	6.4	6.4	6.4	98	6.2	6	SSW	0.50	9	SW	4.4	6.6	4.6	4.7	30.46	0.0	0.0	56	0.40	86	0	0.00	0.00	0.04	0.00	0.00	56	3.9	4.4	4.4	6.7	10	5
25/12/2018	10:25	6.4	6.5	6.4	98	6.2	5	SW	0.42	9	SW	4.8	6.6	5.0	5.8	30.46	0.0	0.0	94	0.67	113	0	0.00	0.00	0.04	0.00	0.00	56	3.9	4.4	4.4	6.7	10	5
25/12/2018	10:30	6.6	6.6	6.4	98	6.3	4	SW	0.33	9	SSW	5.4	6.7	5.6	6.7	30.46	0.0	0.0	123	0.88	132	0	0.00	0.00	0.04	0.00	0.00	56	3.9	4.4	4.4	6.7	10	5
25/12/2018	10:35	6.6	6.6	6.6	99	6.4	5	SW	0.42	10	SSW	5.0	6.7	5.2	5.4	30.46	0.0	0.0	62	0.44	93	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.7	10	5
25/12/2018	10:40	6.6	6.6	6.6	99	6.5	6	SW	0.50	10	SSW	4.7	6.8	4.9	5.2	30.46	0.0	0.0	64	0.46	69	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	6.7	10	5
25/12/2018	10:45	6.7	6.7	6.6	98	6.4	6	SW	0.50	8	SSW	4.8	6.9	4.9	4.6	30.46	0.0	0.0	39	0.28	42	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	4.4	7.2	10	5
25/12/2018	10:50	6.9	6.9	6.8	99	6.7	5	SW	0.42	8	SW	5.3	7.1	5.6	6.8	30.46	0.0	0.0	113	0.81	165	0	0.00	0.00	0.04	0.00	0.00	57	4.4	4.4	5.0	7.2	9	5
25/12/2018	10:55	6.9	6.9	6.9	98	6.7	6	SW	0.50	9	SW	5.1	7.1	5.2	5.9	30.46	0.0	0.0	81	0.58	100	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	5.0	7.2	9	5
25/12/2018	11:00	7.0	7.0	6.9	98	6.7	6	SW	0.50	9	SSW	5.1	7.2	5.3	5.3	30.46	0.0	0.0	51	0.37	56	0	0.00	0.00	0.04	0.00	0.03	57	4.4	5.0	5.0	7.2	8	5
25/12/2018	11:05	6.9	6.9	6.9	98	6.7	7	SSW	0.58	10	SSW	4.8	7.1	4.9	5.2	30.46	0.0	0.0	61	0.44	74	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	5.0	7.8	7	5
25/12/2018	11:10	6.9	6.9	6.9	98	6.7	6	SW	0.50	11	SSW	5.1	7.1	5.2	5.2	30.46	0.0	0.0	50	0.36	54	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	5.0	7.8	6	5
25/12/2018	11:15	7.0	7.0	6.9	98	6.7	8	SSW	0.67	13	SSW	4.5	7.2	4.7	4.8	30.46	0.0	0.0	59	0.42	86	0	0.00	0.00	0.04	0.00	0.00	57	4.4	5.0	5.0	7.8	5	5
25/12/2018	11:20	7.2	7.2	7.0	98	6.9	8	SSW	0.67	11	SSW	4.7	7.3	4.9	6.1	30.46	0.0	0.0	105	0.75	151	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.0	5.0	8.9	4	5
25/12/2018	11:25	7.4	7.4	7.2	98	7.1	6	SSW	0.50	9	SSW	5.6	7.6	5.8	7.3	30.46	0.0	0.0	125	0.90	153	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.0	5.0	8.9	4	5
25/12/2018	11:30	7.6	7.6	7.4	98	7.3	6	SSW	0.50	9	SSW	5.8	7.7	5.9	7.7	30.46	0.0	0.0	132	0.95	141	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.0	5.0	8.9	4	5
25/12/2018	11:35	7.7	7.7	7.6	98	7.4	6	SSW	0.50	9	SSW	5.9	7.9	6.2	7.3	30.45	0.0	0.0	101	0.72	128	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.0	5.0	8.9	3	5
25/12/2018	11:40	7.8	7.8	7.7	97	7.4	6	SSW	0.50	10	SSW	6.1	8.0	6.3	6.9	30.45	0.0	0.0	76	0.54	84	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.0	5.0	9.4	3	5
25/12/2018	11:45	8.0	8.0	7.8	97	7.6	7	SW	0.58	13	SW	6.1	8.2	6.3	6.3	30.45	0.0	0.0	54	0.39	56	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.0	5.0	9.4	2	5
25/12/2018	11:50	8.1	8.1	8.0	97	7.7	7	SW	0.58	10	SW	6.2	8.3	6.4	7.0	30.44	0.0	0.0	76	0.54	88	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.0	5.0	9.4	2	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
25/12/2018	11:55	8.2	8.2	8.1	97	7.8	6	WSW	0.50	10	SW	6.6	8.4	6.8	7.7	30.44	0.0	0.0	88	0.63	102	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.0	5.0	9.4	1	5
25/12/2018	12:00	8.3	8.3	8.2	97	7.9	5	SW	0.42	9	SW	7.1	8.6	7.3	8.2	30.44	0.0	0.0	92	0.66	121	0	0.00	0.00	0.04	0.00	0.05	56	4.4	5.0	5.0	9.4	1	5
25/12/2018	12:05	8.4	8.4	8.3	96	7.8	6	SW	0.50	9	SW	6.8	8.6	6.9	8.1	30.44	0.0	0.0	99	0.71	120	0	0.00	0.00	0.04	0.00	0.00	56	4.4	5.6	5.0	9.4	0	5
25/12/2018	12:10	8.5	8.5	8.4	96	7.9	5	WSW	0.42	12	SW	7.3	8.7	7.5	8.1	30.44	0.0	0.0	75	0.54	98	0	0.00	0.00	0.03	0.00	0.00	56	4.4	5.6	5.0	8.9	0	5
25/12/2018	12:15	8.6	8.6	8.4	96	8.0	7	SW	0.58	17	W	6.7	8.8	6.9	7.9	30.44	0.0	0.0	94	0.67	118	0	0.00	0.00	0.03	0.00	0.00	56	4.4	5.6	5.0	8.9	0	5
25/12/2018	12:20	8.6	8.6	8.6	96	8.0	7	SW	0.58	13	WSW	6.8	8.8	7.0	8.2	30.43	0.0	0.0	103	0.74	111	0	0.00	0.00	0.03	0.00	0.00	56	4.4	5.6	5.0	9.4	0	5
25/12/2018	12:25	8.6	8.6	8.6	96	8.0	8	SW	0.67	14	WSW	6.3	8.8	6.6	7.4	30.44	0.0	0.0	88	0.63	109	0	0.00	0.00	0.03	0.00	0.00	56	4.4	5.6	5.0	9.4	0	5
25/12/2018	12:30	8.5	8.6	8.5	95	7.7	9	SW	0.75	12	WSW	5.9	8.7	6.1	7.2	30.43	0.0	0.0	104	0.75	116	0	0.00	0.00	0.03	0.00	0.00	56	4.4	6.1	5.0	9.4	0	5
25/12/2018	12:35	8.5	8.5	8.5	95	7.7	7	SW	0.58	12	WSW	6.7	8.7	6.8	8.3	30.43	0.0	0.0	115	0.82	125	0	0.00	0.00	0.03	0.00	0.00	56	4.4	6.1	5.0	9.4	0	5
25/12/2018	12:40	8.6	8.6	8.5	95	7.8	8	SW	0.67	12	SSW	6.3	8.7	6.5	8.2	30.43	0.0	0.0	132	0.95	142	0	0.00	0.00	0.03	0.00	0.00	56	4.4	6.1	5.0	9.4	0	5
25/12/2018	12:45	8.6	8.6	8.6	95	7.8	8	SW	0.67	13	WSW	6.3	8.7	6.5	7.6	30.43	0.0	0.0	101	0.72	137	0	0.00	0.00	0.03	0.00	0.00	56	4.4	6.7	5.0	8.9	0	5
25/12/2018	12:50	8.7	8.7	8.6	95	7.9	8	SW	0.67	12	WSW	6.4	8.9	6.7	8.3	30.43	0.0	0.0	130	0.93	142	0	0.00	0.00	0.03	0.00	0.00	55	4.4	6.7	5.0	9.4	0	5
25/12/2018	12:55	8.7	8.7	8.7	95	7.9	7	SW	0.58	12	WSW	6.8	8.9	7.1	8.3	30.43	0.0	0.0	107	0.77	123	0	0.00	0.00	0.03	0.00	0.00	55	4.4	7.2	5.0	9.4	0	5
25/12/2018	13:00	8.7	8.7	8.7	95	8.0	7	SW	0.58	10	SW	6.9	8.9	7.1	8.2	30.43	0.0	0.0	100	0.72	105	0	0.00	0.00	0.03	0.00	0.05	55	4.4	7.2	5.0	9.4	0	5
25/12/2018	13:05	8.7	8.7	8.7	95	8.0	6	SW	0.50	10	WSW	7.2	8.9	7.4	8.3	30.43	0.0	0.0	88	0.63	93	0	0.00	0.00	0.03	0.00	0.00	55	4.4	7.2	5.0	9.4	0	5
25/12/2018	13:10	8.7	8.7	8.7	95	8.0	6	SW	0.50	11	SW	7.2	8.9	7.4	8.2	30.43	0.0	0.0	83	0.59	88	0	0.00	0.00	0.03	0.00	0.00	55	4.4	7.2	5.0	9.4	0	5
25/12/2018	13:15	8.7	8.7	8.7	95	7.9	6	SW	0.50	10	SW	7.1	8.9	7.3	8.2	30.43	0.0	0.0	87	0.62	91	0	0.00	0.00	0.03	0.00	0.00	55	4.4	6.7	5.0	9.4	0	5
25/12/2018	13:20	8.7	8.7	8.7	95	8.0	7	SW	0.58	12	SW	6.9	8.9	7.1	7.6	30.42	0.0	0.0	69	0.49	76	0	0.00	0.00	0.03	0.00	0.00	55	4.4	6.7	5.0	8.9	0	5
25/12/2018	13:25	8.7	8.7	8.7	95	8.0	7	SW	0.58	10	SW	6.9	8.9	7.1	7.5	30.43	0.0	0.0	66	0.47	67	0	0.00	0.00	0.03	0.00	0.00	55	4.4	6.7	5.0	8.9	0	5
25/12/2018	13:30	8.7	8.7	8.7	95	8.0	6	SW	0.50	11	WSW	7.2	8.9	7.4	7.8	30.43	0.0	0.0	65	0.47	65	0	0.00	0.00	0.03	0.00	0.00	55	4.4	6.7	5.0	8.9	0	5
25/12/2018	13:35	8.7	8.7	8.7	95	8.0	7	SW	0.58	10	WSW	6.9	8.9	7.1	7.4	30.43	0.0	0.0	63	0.45	63	0	0.00	0.00	0.03	0.00	0.00	55	4.4	6.7	5.0	8.9	0	5
25/12/2018	13:40	8.7	8.7	8.7	95	8.0	7	SW	0.58	11	WSW	6.9	8.9	7.1	7.4	30.42	0.0	0.0	63	0.45	63	0	0.00	0.00	0.03	0.00	0.00	55	4.4	6.7	5.0	8.9	0	5
25/12/2018	13:45	8.7	8.7	8.7	95	8.0	7	SW	0.58	10	SSW	6.9	8.9	7.1	7.4	30.43	0.0	0.0	61	0.44	62	0	0.00	0.00	0.03	0.00	0.00	55	4.4	6.7	5.0	8.9	0	5
25/12/2018	13:50	8.8	8.8	8.7	95	8.0	6	SW	0.50	11	SW	7.3	9.0	7.5	7.7	30.43	0.0	0.0	58	0.42	60	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.9	0	5
25/12/2018	13:55	8.8	8.8	8.8	95	8.1	7	SW	0.58	11	SW	7.1	9.1	7.3	7.4	30.43	0.0	0.0	56	0.40	58	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.9	0	5
25/12/2018	14:00	8.9	8.9	8.8	95	8.1	6	SW	0.50	11	WSW	7.4	9.1	7.6	7.7	30.43	0.0	0.0	53	0.38	54	0	0.00	0.00	0.03	0.00	0.03	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:05	8.9	8.9	8.9	95	8.1	6	SW	0.50	12	W	7.4	9.1	7.6	7.7	30.43	0.0	0.0	51	0.37	51	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:10	8.9	8.9	8.9	95	8.1	6	SW	0.50	10	SW	7.4	9.1	7.6	7.6	30.43	0.0	0.0	49	0.35	49	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:15	8.9	8.9	8.8	95	8.1	7	SW	0.58	13	SW	7.1	9.1	7.3	6.3	30.42	0.0	0.0	47	0.34	47	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:20	8.8	8.8	8.8	95	8.0	6	SW	0.50	9	WSW	7.3	9.0	7.5	6.4	30.42	0.0	0.0	46	0.33	47	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:25	8.8	8.8	8.8	95	8.0	7	SW	0.58	11	SW	7.0	9.0	7.2	6.1	30.42	0.0	0.0	45	0.32	46	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:30	8.7	8.8	8.7	95	8.0	7	SW	0.58	12	WSW	6.9	8.9	7.1	6.0	30.42	0.0	0.0	43	0.31	44	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:35	8.7	8.7	8.7	95	7.9	6	SW	0.50	10	SSW	7.1	8.9	7.3	6.2	30.42	0.0	0.0	42	0.30	42	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:40	8.7	8.7	8.7	96	8.1	6	SW	0.50	10	WSW	7.1	8.9	7.3	6.2	30.42	0.0	0.0	40	0.29	40	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:45	8.6	8.7	8.6	96	8.0	7	SW	0.58	10	WSW	6.8	8.8	7.0	5.8	30.41	0.0	0.0	39	0.28	39	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:50	8.6	8.7	8.6	96	8.0	7	SW	0.58	10	SW	6.8	8.8	7.0	5.8	30.41	0.0	0.0	36	0.26	37	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.9	0	5
25/12/2018	14:55	8.6	8.6	8.6	96	8.0	7	SW	0.58	10	WSW	6.7	8.8	6.9	5.7	30.42	0.0	0.0	33	0.24	35	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	15:00	8.6	8.6	8.6	96	8.0	7	SW	0.58	10	WSW	6.7	8.8	6.9	5.7	30.42	0.0	0.0	31	0.22	32	0	0.00	0.00	0.03	0.00	0.03	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	15:05	8.6	8.6	8.6	96	8.0	6	SW	0.50	10	SW	7.0	8.8	7.2	5.9	30.42	0.0	0.0	28	0.20	30	0	0.00	0.00	0.03	0.00	0.00	55	5.0	5.6	5.0	8.3	0	5
25/12/2018	15:10	8.5	8.6	8.5	96	7.9	7	SW	0.58	9	SW	6.7	8.7	6.9	5.6	30.42	0.0	0.0	26	0.19	26	0	0.00	0.00	0.03	0.00	0.00	55	5.0	5.6	5.0	8.3	0	5
25/12/2018	15:15	8.4	8.5	8.4	96	7.8	7	SW	0.58	9	SW	6.6	8.7	6.8	5.4	30.42	0.0	0.0	23	0.16	25	0	0.00	0.00	0.03	0.00	0.00	55	5.0	5.6	5.0	8.3	0	5
25/12/2018	15:20	8.4	8.5	8.4	96	7.8	5	SW	0.42	7	SW	7.2	8.7	7.4	5.9	30.42	0.0	0.0	19	0.14	21	0	0.00	0.00	0.03	0.00	0.00	55	5.0	5.6	5.0	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
25/12/2018	15:25	8.4	8.4	8.4	96	7.8	6	SW	0.50	9	SW	6.8	8.6	6.9	5.5	30.43	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	55	5.0	5.6	5.0	8.3	0	5
25/12/2018	15:30	8.4	8.4	8.4	96	7.8	7	SW	0.58	9	SW	6.5	8.6	6.7	5.2	30.43	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	55	5.0	5.6	5.0	8.3	0	5
25/12/2018	15:35	8.4	8.4	8.4	96	7.8	7	SW	0.58	11	WSW	6.5	8.6	6.7	5.1	30.43	0.0	0.0	9	0.06	11	0	0.00	0.00	0.04	0.00	0.00	55	5.0	5.6	5.0	8.3	0	5
25/12/2018	15:40	8.4	8.4	8.3	96	7.8	7	SW	0.58	10	SW	6.5	8.6	6.7	5.1	30.43	0.0	0.0	5	0.04	7	0	0.00	0.00	0.04	0.00	0.00	55	5.0	5.6	5.0	8.3	0	5
25/12/2018	15:45	8.4	8.4	8.4	96	7.8	5	SW	0.42	7	WSW	7.1	8.6	7.3	5.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	5.6	5.0	8.3	0	5
25/12/2018	15:50	8.4	8.4	8.4	96	7.8	5	SW	0.42	8	SW	7.1	8.6	7.3	5.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	15:55	8.4	8.4	8.4	96	7.8	5	SW	0.42	7	SW	7.2	8.7	7.4	5.7	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:00	8.4	8.4	8.4	96	7.8	4	WSW	0.33	7	SW	7.6	8.7	7.8	6.1	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:05	8.4	8.4	8.4	96	7.8	4	SW	0.33	6	SW	7.5	8.6	7.7	6.0	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:10	8.4	8.4	8.4	96	7.8	5	SSW	0.42	8	SSW	7.2	8.7	7.4	5.7	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:15	8.4	8.4	8.4	96	7.8	5	SW	0.42	7	SSW	7.2	8.7	7.4	5.7	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:20	8.4	8.4	8.4	96	7.8	5	SW	0.42	7	SW	7.2	8.7	7.4	5.7	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:25	8.4	8.4	8.4	97	8.0	5	SW	0.42	8	SW	7.2	8.7	7.4	5.7	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:30	8.4	8.4	8.4	96	7.8	6	SW	0.50	9	SSW	6.8	8.7	7.1	5.4	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:35	8.4	8.4	8.4	96	7.8	5	SW	0.42	8	SW	7.2	8.7	7.4	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:40	8.4	8.4	8.4	96	7.8	6	SW	0.50	7	SW	6.8	8.7	7.1	5.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:45	8.4	8.4	8.4	97	8.0	5	SW	0.42	7	SW	7.2	8.7	7.4	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:50	8.4	8.4	8.4	97	7.9	5	SW	0.42	7	SW	7.1	8.6	7.3	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	16:55	8.4	8.4	8.4	97	8.0	6	SW	0.50	10	SSW	6.8	8.7	7.1	5.4	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	17:00	8.4	8.4	8.4	97	7.9	5	SW	0.42	7	SW	7.1	8.6	7.3	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	17:05	8.4	8.4	8.4	97	8.0	5	SW	0.42	7	SW	7.2	8.7	7.4	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	17:10	8.4	8.4	8.4	97	7.9	5	SW	0.42	8	SW	7.1	8.6	7.3	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	17:15	8.4	8.4	8.4	97	8.0	4	SW	0.33	6	SW	7.6	8.7	7.8	6.1	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
25/12/2018	17:20	8.4	8.4	8.4	97	8.0	5	SW	0.42	7	SW	7.2	8.7	7.4	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.1	5.0	8.3	0	5
25/12/2018	17:25	8.4	8.4	8.4	97	8.0	5	SW	0.42	7	SW	7.2	8.7	7.4	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
25/12/2018	17:30	8.4	8.4	8.4	97	8.0	4	SW	0.33	7	SW	7.6	8.7	7.8	6.1	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
25/12/2018	17:35	8.4	8.4	8.4	97	8.0	4	SW	0.33	5	SW	7.6	8.7	7.8	6.1	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
25/12/2018	17:40	8.4	8.4	8.4	97	8.0	5	SW	0.42	6	SW	7.2	8.7	7.4	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
25/12/2018	17:45	8.4	8.4	8.4	97	8.0	4	SSW	0.33	6	SSW	7.6	8.7	7.8	6.1	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	55	5.0	6.7	5.0	8.3	0	5
25/12/2018	17:50	8.4	8.4	8.4	97	8.0	4	SSW	0.33	6	SSW	7.6	8.7	7.8	6.1	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
25/12/2018	17:55	8.4	8.4	8.4	97	8.0	4	SSW	0.33	6	SSW	7.6	8.7	7.8	6.1	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
25/12/2018	18:00	8.4	8.4	8.4	97	7.9	4	SSW	0.33	7	SSW	7.5	8.6	7.7	6.1	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
25/12/2018	18:05	8.4	8.4	8.4	97	7.9	3	SSW	0.25	4	SSW	8.0	8.6	8.2	6.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.0	6.7	5.0	8.3	0	5
25/12/2018	18:10	8.4	8.4	8.4	97	7.9	3	SSW	0.25	5	SSW	8.0	8.6	8.2	6.6	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.7	5.0	8.3	0	5
25/12/2018	18:15	8.3	8.4	8.3	97	7.9	4	SW	0.33	7	SSW	7.4	8.6	7.7	6.0	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.7	5.0	8.3	0	5
25/12/2018	18:20	8.3	8.3	8.3	97	7.9	4	SW	0.33	6	SW	7.4	8.6	7.7	6.0	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.7	5.0	8.3	0	5
25/12/2018	18:25	8.3	8.3	8.3	97	7.8	5	SW	0.42	7	SW	7.0	8.5	7.2	5.6	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.7	5.0	8.3	0	5
25/12/2018	18:30	8.3	8.3	8.3	97	7.8	5	SW	0.42	7	SW	7.0	8.5	7.2	5.6	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.7	5.0	8.3	0	5
25/12/2018	18:35	8.2	8.3	8.2	97	7.8	4	SW	0.33	6	SW	7.3	8.4	7.6	5.8	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.7	5.0	8.3	0	5
25/12/2018	18:40	8.2	8.2	8.2	97	7.8	3	SW	0.25	6	SW	7.8	8.4	8.1	6.3	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.7	5.0	8.3	0	5
25/12/2018	18:45	8.2	8.2	8.2	97	7.7	4	SW	0.33	6	SW	7.2	8.4	7.4	5.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.7	5.0	7.8	0	5
25/12/2018	18:50	8.2	8.2	8.2	97	7.7	3	SW	0.25	6	SW	7.8	8.4	8.0	6.3	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	6.7	5.0	7.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
25/12/2018	18:55	8.1	8.2	8.1	97	7.7	5	SW	0.42	9	SW	6.8	8.3	7.0	5.3	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	19:00	8.1	8.2	8.1	97	7.7	6	SW	0.50	10	SSW	6.4	8.3	6.7	4.9	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	19:05	8.1	8.1	8.1	97	7.7	6	SW	0.50	9	SW	6.4	8.3	6.7	4.9	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	19:10	8.1	8.1	8.1	97	7.7	5	SW	0.42	8	SW	6.8	8.3	7.0	5.3	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	19:15	8.1	8.1	8.1	97	7.7	5	SW	0.42	8	SSW	6.8	8.3	7.0	5.3	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	19:20	8.1	8.1	8.1	97	7.6	6	SW	0.50	10	SSW	6.4	8.3	6.6	4.9	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	19:25	8.1	8.1	8.1	97	7.7	6	SW	0.50	10	SSW	6.4	8.3	6.7	4.9	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	19:30	8.1	8.1	8.1	97	7.6	6	SW	0.50	9	SW	6.4	8.3	6.6	4.9	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	19:35	8.1	8.1	8.1	97	7.6	6	SW	0.50	10	WSW	6.4	8.3	6.6	4.9	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	19:40	8.1	8.1	8.1	97	7.6	6	SW	0.50	9	SW	6.4	8.3	6.6	4.9	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	19:45	8.1	8.1	8.1	97	7.6	6	SW	0.50	9	SW	6.4	8.3	6.6	4.9	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	19:50	8.1	8.1	8.1	97	7.6	6	SW	0.50	9	SSW	6.4	8.3	6.6	4.9	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	19:55	8.1	8.1	8.1	97	7.6	7	SW	0.58	9	SW	6.1	8.3	6.3	4.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	20:00	8.1	8.1	8.1	97	7.6	6	SW	0.50	10	SW	6.4	8.3	6.6	4.9	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	20:05	8.1	8.1	8.1	97	7.6	7	SW	0.58	11	SSW	6.1	8.3	6.3	4.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	20:10	8.1	8.1	8.1	97	7.6	8	SW	0.67	12	WSW	5.7	8.3	5.9	4.3	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	20:15	8.1	8.1	8.1	97	7.6	7	SW	0.58	11	WSW	6.1	8.3	6.3	4.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	8.3	0	5
25/12/2018	20:20	8.1	8.1	8.1	97	7.6	8	SW	0.67	11	SW	5.7	8.3	5.9	4.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	20:25	8.1	8.1	8.1	97	7.6	7	SW	0.58	10	WSW	6.1	8.3	6.3	4.6	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	20:30	8.1	8.1	8.1	97	7.6	7	SW	0.58	10	SSW	6.1	8.3	6.3	4.6	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	20:35	8.1	8.1	8.1	97	7.6	7	SW	0.58	12	WSW	6.1	8.3	6.3	4.6	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	20:40	8.1	8.1	8.1	97	7.6	8	SW	0.67	12	WSW	5.7	8.3	5.9	4.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	20:45	8.1	8.1	8.1	97	7.6	8	SW	0.67	12	WSW	5.7	8.3	5.9	4.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	20:50	8.1	8.1	8.1	97	7.6	8	SW	0.67	12	SW	5.7	8.3	5.9	4.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.0	7.8	0	5
25/12/2018	20:55	8.1	8.1	8.1	97	7.6	8	SW	0.67	11	SSW	5.7	8.3	5.9	4.3	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:00	8.1	8.1	8.1	97	7.6	8	SW	0.67	11	WSW	5.7	8.3	5.9	4.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:05	8.1	8.1	8.1	97	7.6	8	SW	0.67	11	SW	5.7	8.3	5.9	4.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:10	8.1	8.1	8.1	97	7.6	8	SW	0.67	11	WSW	5.7	8.3	5.9	4.3	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:15	8.1	8.1	8.1	97	7.6	9	SW	0.75	13	WSW	5.4	8.3	5.7	4.1	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:20	8.1	8.1	8.1	97	7.6	8	SW	0.67	11	WSW	5.7	8.3	5.9	4.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:25	8.1	8.1	8.1	97	7.6	8	SW	0.67	12	SW	5.7	8.3	5.9	4.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:30	8.1	8.1	8.1	97	7.6	8	SW	0.67	12	WSW	5.7	8.3	5.9	4.3	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:35	8.1	8.1	8.1	97	7.6	7	SW	0.58	11	WSW	6.1	8.3	6.3	4.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:40	8.1	8.1	8.1	97	7.6	8	SW	0.67	13	SW	5.7	8.3	5.9	4.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	21:45	8.1	8.1	8.1	97	7.7	8	SW	0.67	13	SSW	5.8	8.3	6.1	4.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	8.3	0	5
25/12/2018	21:50	8.1	8.1	8.1	97	7.7	7	SW	0.58	14	SSW	6.2	8.3	6.4	4.7	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	8.3	0	5
25/12/2018	21:55	8.1	8.1	8.1	97	7.7	8	SW	0.67	12	SSW	5.8	8.3	6.1	4.4	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	8.3	0	5
25/12/2018	22:00	8.1	8.1	8.1	97	7.7	8	SW	0.67	12	SSW	5.8	8.3	6.1	4.4	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	8.3	0	5
25/12/2018	22:05	8.1	8.2	8.1	97	7.7	7	SW	0.58	13	SSW	6.2	8.3	6.4	4.7	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	22:10	8.1	8.1	8.1	97	7.7	6	SW	0.50	11	SSW	6.4	8.3	6.7	4.9	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	22:15	8.1	8.1	8.1	97	7.7	6	SW	0.50	8	SW	6.4	8.3	6.7	4.9	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	22:20	8.1	8.1	8.1	97	7.7	6	SW	0.50	9	SSW	6.4	8.3	6.7	4.9	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
25/12/2018	22:25	8.1	8.1	8.1	97	7.6	6	SW	0.50	10	SSW	6.4	8.3	6.6	4.9	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	22:30	8.1	8.1	8.1	97	7.6	6	SW	0.50	10	SSW	6.4	8.3	6.6	4.9	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	22:35	8.1	8.1	8.1	97	7.6	5	SW	0.42	9	WSW	6.7	8.3	6.9	5.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	22:40	8.1	8.1	8.0	97	7.6	6	SW	0.50	10	SSW	6.4	8.3	6.6	4.9	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	22:45	8.0	8.1	8.0	97	7.6	5	SW	0.42	11	SSW	6.7	8.2	6.9	5.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	22:50	8.0	8.1	8.0	97	7.6	5	SW	0.42	9	SW	6.7	8.2	6.9	5.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	22:55	8.1	8.1	8.0	97	7.6	5	SW	0.42	7	SSW	6.7	8.3	6.9	5.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	23:00	8.1	8.1	8.0	97	7.6	5	SW	0.42	10	SSW	6.7	8.3	6.9	5.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	23:05	8.1	8.1	8.0	97	7.6	5	SW	0.42	8	SSW	6.7	8.3	6.9	5.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	23:10	8.0	8.1	8.0	97	7.6	6	SW	0.50	11	SSW	6.3	8.2	6.6	4.8	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	23:15	8.0	8.0	8.0	97	7.6	6	SW	0.50	10	SSW	6.3	8.2	6.6	4.8	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	23:20	8.0	8.0	7.9	98	7.7	6	SW	0.50	10	SSW	6.3	8.2	6.6	4.8	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.7	5.6	7.8	0	5
25/12/2018	23:25	7.9	8.0	7.9	98	7.6	5	SW	0.42	9	SSW	6.6	8.2	6.8	5.1	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.8	0	5
25/12/2018	23:30	7.9	7.9	7.9	98	7.6	6	SW	0.50	9	WSW	6.3	8.2	6.5	4.8	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	6.1	5.6	7.8	1	5
25/12/2018	23:35	7.9	7.9	7.9	97	7.4	6	SW	0.50	10	WSW	6.2	8.1	6.3	4.6	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
25/12/2018	23:40	7.9	7.9	7.9	97	7.4	6	SW	0.50	9	SW	6.2	8.1	6.3	4.6	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
25/12/2018	23:45	7.8	7.9	7.8	97	7.4	7	SW	0.58	10	SW	5.8	8.0	6.0	4.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
25/12/2018	23:50	7.8	7.9	7.8	97	7.4	6	SW	0.50	10	WSW	6.1	8.0	6.3	4.6	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
25/12/2018	23:55	7.8	7.8	7.8	97	7.4	6	SW	0.50	11	SW	6.1	8.0	6.3	4.6	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	00:00	7.8	7.8	7.8	98	7.5	7	SW	0.58	13	WSW	5.8	8.1	6.1	4.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	00:05	7.8	7.8	7.8	98	7.5	7	SW	0.58	11	SW	5.8	8.1	6.1	4.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	00:10	7.8	7.8	7.8	98	7.5	7	SW	0.58	13	WSW	5.8	8.0	6.0	4.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	00:15	7.8	7.8	7.8	98	7.5	8	SW	0.67	14	SW	5.4	8.0	5.7	4.1	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	5.6	7.2	2	5
26/12/2018	00:20	7.8	7.8	7.8	98	7.5	7	SW	0.58	11	SW	5.8	8.0	6.0	4.3	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.2	2	5
26/12/2018	00:25	7.8	7.8	7.7	98	7.5	9	SW	0.75	13	SW	5.1	8.0	5.3	3.8	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	2	5
26/12/2018	00:30	7.8	7.8	7.7	98	7.5	6	SW	0.50	13	SW	6.1	8.0	6.3	4.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	2	5
26/12/2018	00:35	7.8	7.8	7.7	98	7.5	6	SW	0.50	11	SW	6.1	8.0	6.3	4.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	2	5
26/12/2018	00:40	7.8	7.8	7.8	98	7.5	7	SW	0.58	10	SW	5.8	8.0	6.0	4.3	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	2	5
26/12/2018	00:45	7.8	7.8	7.8	98	7.5	6	SW	0.50	11	SSW	6.1	8.1	6.3	4.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	00:50	7.8	7.9	7.8	98	7.5	6	SW	0.50	10	WSW	6.1	8.1	6.3	4.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	00:55	7.9	7.9	7.9	98	7.6	6	SW	0.50	12	SSW	6.2	8.1	6.4	4.7	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	1	5
26/12/2018	01:00	7.9	7.9	7.9	98	7.6	5	SW	0.42	8	SW	6.5	8.1	6.7	5.0	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	1	5
26/12/2018	01:05	7.9	7.9	7.9	98	7.6	5	SW	0.42	8	SW	6.5	8.1	6.7	5.0	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	01:10	7.9	7.9	7.9	98	7.6	6	SW	0.50	9	SW	6.2	8.1	6.4	4.7	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	1	5
26/12/2018	01:15	7.9	7.9	7.9	98	7.6	6	SW	0.50	10	SSW	6.3	8.2	6.5	4.8	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	01:20	7.9	7.9	7.9	98	7.6	4	SW	0.33	7	SW	7.0	8.2	7.2	5.5	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	01:25	7.9	7.9	7.9	98	7.6	5	SW	0.42	8	SW	6.6	8.2	6.8	5.1	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	01:30	7.9	8.0	7.9	98	7.6	5	SW	0.42	9	SW	6.6	8.2	6.8	5.1	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	01:35	8.0	8.0	7.9	98	7.7	4	SW	0.33	7	SW	7.1	8.2	7.3	5.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	01:40	8.0	8.0	7.9	98	7.7	4	SW	0.33	7	SW	7.1	8.2	7.3	5.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	01:45	8.0	8.0	7.9	98	7.7	4	SW	0.33	7	SW	7.1	8.2	7.3	5.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	01:50	8.0	8.0	8.0	98	7.7	4	SW	0.33	7	SW	7.1	8.2	7.3	5.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
26/12/2018	01:55	8.0	8.1	8.0	98	7.7	5	SW	0.42	7	SW	6.7	8.2	6.9	5.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	02:00	8.1	8.1	8.0	98	7.8	4	SW	0.33	7	SW	7.1	8.3	7.3	5.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	02:05	8.1	8.1	8.0	98	7.8	5	SW	0.42	9	SSW	6.7	8.3	6.9	5.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	02:10	8.1	8.1	8.1	98	7.8	5	SW	0.42	9	SW	6.7	8.3	6.9	5.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	02:15	8.1	8.1	8.1	98	7.8	5	SW	0.42	8	SW	6.7	8.3	6.9	5.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	02:20	8.1	8.1	8.1	98	7.8	5	SW	0.42	8	WSW	6.7	8.3	6.9	5.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	02:25	8.1	8.1	8.1	98	7.8	5	SW	0.42	8	SW	6.7	8.3	6.9	5.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	02:30	8.1	8.1	8.1	98	7.8	5	SW	0.42	8	WSW	6.7	8.3	6.9	5.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	02:35	8.1	8.1	8.1	98	7.8	5	SW	0.42	9	SSW	6.7	8.3	6.9	5.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	02:40	8.1	8.1	8.1	98	7.8	6	SW	0.50	9	SW	6.4	8.3	6.6	4.9	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	02:45	8.1	8.1	8.0	98	7.8	6	SW	0.50	9	WSW	6.4	8.3	6.6	4.9	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	02:50	8.0	8.1	8.0	98	7.7	6	SW	0.50	8	SW	6.3	8.2	6.6	4.8	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	02:55	8.0	8.1	8.0	98	7.7	5	SW	0.42	8	WSW	6.7	8.2	6.9	5.2	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	03:00	8.0	8.1	8.0	98	7.7	6	SW	0.50	10	WSW	6.3	8.2	6.6	4.8	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	03:05	8.1	8.1	8.0	98	7.8	5	SW	0.42	9	SW	6.7	8.3	6.9	5.2	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	8.3	0	5
26/12/2018	03:10	8.1	8.1	8.1	98	7.8	5	SW	0.42	9	SW	6.7	8.3	6.9	5.2	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	8.3	0	5
26/12/2018	03:15	8.1	8.1	8.1	98	7.8	6	SW	0.50	9	SW	6.4	8.3	6.6	4.9	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	03:20	8.1	8.1	8.1	98	7.8	6	SW	0.50	10	SW	6.4	8.3	6.6	4.9	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	03:25	8.1	8.1	8.1	98	7.8	6	SW	0.50	11	WSW	6.4	8.3	6.6	4.9	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	03:30	8.1	8.1	8.1	98	7.8	6	SW	0.50	10	WSW	6.4	8.3	6.6	4.9	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	03:35	8.1	8.1	8.1	98	7.8	7	SW	0.58	11	SSW	6.1	8.3	6.3	4.6	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	03:40	8.1	8.1	8.1	98	7.8	7	SW	0.58	12	W	6.1	8.3	6.3	4.6	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	03:45	8.1	8.1	8.1	98	7.8	7	SW	0.58	12	WSW	6.1	8.3	6.3	4.6	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	03:50	8.1	8.1	8.0	98	7.8	8	SW	0.67	13	SW	5.7	8.3	5.9	4.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	03:55	8.1	8.1	8.1	98	7.8	9	SW	0.75	14	WSW	5.4	8.3	5.7	4.1	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	04:00	8.1	8.1	8.1	98	7.8	10	SW	0.83	14	SW	5.1	8.3	5.3	3.8	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:05	8.1	8.1	8.1	98	7.8	9	SW	0.75	16	SW	5.4	8.3	5.7	4.1	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:10	8.1	8.1	8.1	98	7.8	8	SW	0.67	14	WSW	5.7	8.3	5.9	4.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:15	8.1	8.1	8.1	98	7.8	8	SW	0.67	13	SSW	5.7	8.3	5.9	4.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:20	8.1	8.1	8.1	98	7.8	7	SW	0.58	12	WSW	6.1	8.3	6.3	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	7.8	0	5
26/12/2018	04:25	8.1	8.1	8.1	98	7.8	8	SW	0.67	12	WSW	5.7	8.3	5.9	4.3	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:30	8.1	8.1	8.1	98	7.8	8	SW	0.67	11	SW	5.7	8.3	5.9	4.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:35	8.1	8.1	8.1	98	7.8	6	SW	0.50	11	WSW	6.4	8.3	6.7	5.0	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:40	8.1	8.1	8.1	98	7.8	5	SW	0.42	10	W	6.8	8.3	7.0	5.3	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:45	8.1	8.1	8.1	98	7.8	7	SW	0.58	11	WSW	6.2	8.3	6.4	4.7	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:50	8.1	8.1	8.1	98	7.8	7	SW	0.58	10	WSW	6.2	8.3	6.4	4.7	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	04:55	8.1	8.1	8.1	98	7.8	7	SW	0.58	12	WSW	6.2	8.3	6.4	4.7	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:00	8.1	8.2	8.1	98	7.8	7	SW	0.58	10	SW	6.2	8.3	6.4	4.7	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:05	8.2	8.2	8.1	98	7.9	7	SW	0.58	11	SW	6.2	8.4	6.4	4.8	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:10	8.1	8.2	8.1	98	7.8	6	SW	0.50	9	SW	6.4	8.3	6.7	5.0	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:15	8.2	8.2	8.1	98	7.9	8	SW	0.67	11	SW	5.9	8.4	6.1	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:20	8.1	8.2	8.1	98	7.8	7	SW	0.58	12	WSW	6.2	8.3	6.4	4.7	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
26/12/2018	05:25	8.2	8.2	8.1	98	7.9	8	SW	0.67	13	SSW	5.9	8.4	6.1	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:30	8.2	8.2	8.1	98	7.9	8	SW	0.67	11	WSW	5.9	8.4	6.1	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:35	8.2	8.2	8.2	98	7.9	8	SW	0.67	12	SSW	5.9	8.4	6.1	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:40	8.2	8.2	8.1	98	7.9	8	SW	0.67	11	SW	5.9	8.4	6.1	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:45	8.2	8.2	8.1	98	7.9	8	SW	0.67	13	SW	5.9	8.4	6.1	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	8.3	0	5
26/12/2018	05:50	8.2	8.2	8.1	98	7.9	8	SW	0.67	12	SW	5.9	8.4	6.1	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	05:55	8.1	8.2	8.1	98	7.8	8	SW	0.67	13	SW	5.8	8.3	6.1	4.5	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	06:00	8.1	8.1	8.1	98	7.8	7	SW	0.58	11	WSW	6.1	8.3	6.3	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	06:05	8.1	8.1	8.1	98	7.8	7	SW	0.58	11	WSW	6.1	8.3	6.3	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	06:10	8.1	8.1	8.1	98	7.8	8	SW	0.67	12	WSW	5.7	8.3	5.9	4.3	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	06:15	8.1	8.1	8.1	98	7.8	7	SW	0.58	13	SW	6.1	8.3	6.3	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	06:20	8.1	8.1	8.1	98	7.8	7	SW	0.58	12	SW	6.1	8.3	6.3	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	0	5
26/12/2018	06:25	8.1	8.1	8.1	98	7.8	7	SW	0.58	10	SW	6.1	8.3	6.3	4.6	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	06:30	8.1	8.1	8.1	98	7.8	6	SW	0.50	11	WSW	6.4	8.3	6.6	4.9	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	06:35	8.1	8.1	8.1	98	7.8	6	SW	0.50	10	WSW	6.4	8.3	6.6	4.9	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	06:40	8.1	8.1	8.0	98	7.8	6	SW	0.50	12	SSW	6.4	8.3	6.6	4.9	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	06:45	8.1	8.1	8.1	98	7.8	6	SSW	0.50	10	SSW	6.4	8.3	6.6	4.9	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	06:50	8.1	8.1	8.1	98	7.8	5	SW	0.42	9	SSW	6.7	8.3	6.9	5.2	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	06:55	8.1	8.1	8.1	98	7.8	7	SW	0.58	11	SSW	6.1	8.3	6.3	4.6	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:00	8.1	8.1	8.1	98	7.8	6	SW	0.50	10	SSW	6.4	8.3	6.6	4.9	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:05	8.1	8.1	8.1	98	7.8	6	SW	0.50	10	SSW	6.4	8.3	6.6	4.9	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:10	8.1	8.1	8.1	98	7.8	6	SW	0.50	10	SSW	6.4	8.3	6.6	4.9	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:15	8.1	8.1	8.1	98	7.8	6	SW	0.50	10	SSW	6.4	8.3	6.6	4.9	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:20	8.1	8.1	8.1	98	7.8	7	SW	0.58	10	SSW	6.2	8.3	6.4	4.7	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:25	8.1	8.1	8.1	98	7.8	8	SW	0.67	12	WSW	5.8	8.3	6.1	4.5	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	1	5
26/12/2018	07:30	8.1	8.1	8.1	98	7.8	7	SW	0.58	11	SW	6.2	8.3	6.4	4.7	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:35	8.1	8.1	8.1	98	7.8	7	SW	0.58	11	WSW	6.2	8.3	6.4	4.7	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:40	8.1	8.1	8.1	98	7.8	7	SW	0.58	12	WSW	6.2	8.3	6.4	4.7	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:45	8.1	8.1	8.1	98	7.8	7	WSW	0.58	13	W	6.2	8.3	6.4	4.7	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:50	8.1	8.1	8.1	98	7.8	8	SW	0.67	14	SSW	5.8	8.3	6.1	4.5	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	07:55	8.1	8.1	8.1	98	7.8	6	SW	0.50	10	WSW	6.4	8.3	6.6	4.9	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	5.6	7.8	1	5
26/12/2018	08:00	8.1	8.1	8.1	98	7.8	7	SW	0.58	9	WSW	6.1	8.3	6.3	4.6	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	7.8	1	5
26/12/2018	08:05	8.1	8.1	8.1	98	7.8	6	SW	0.50	11	SW	6.4	8.3	6.7	5.0	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.1	5.6	8.3	1	5
26/12/2018	08:10	8.1	8.1	8.1	98	7.8	6	SW	0.50	9	W	6.4	8.3	6.7	5.0	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	1	5
26/12/2018	08:15	8.2	8.2	8.1	98	7.9	6	SW	0.50	11	SW	6.5	8.4	6.7	5.1	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	08:20	8.2	8.2	8.2	98	7.9	5	SW	0.42	11	WSW	6.9	8.4	7.2	5.5	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	08:25	8.2	8.3	8.2	98	7.9	6	SW	0.50	10	SW	6.6	8.4	6.8	5.2	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	08:30	8.3	8.3	8.2	98	8.0	5	SW	0.42	11	W	7.0	8.5	7.2	5.6	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	08:35	8.3	8.3	8.3	98	8.0	5	SW	0.42	9	SW	7.0	8.5	7.2	5.6	30.36	0.0	0.0	2	0.01	5	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	08:40	8.3	8.3	8.3	98	8.0	6	WSW	0.50	10	WSW	6.7	8.5	6.9	5.3	30.36	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	54	6.1	6.7	5.6	8.3	0	5
26/12/2018	08:45	8.3	8.3	8.3	98	8.0	7	SW	0.58	12	WSW	6.4	8.6	6.7	5.1	30.35	0.0	0.0	6	0.04	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	8.3	0	5
26/12/2018	08:50	8.4	8.4	8.3	98	8.1	6	SW	0.50	9	SW	6.8	8.6	7.0	5.4	30.36	0.0	0.0	7	0.05	7	0	0.00	0.00	0.04	0.00	0.00	53	6.1	7.2	5.6	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
26/12/2018	08:55	8.4	8.4	8.3	98	8.1	5	SW	0.42	12	SSW	7.1	8.6	7.3	5.8	30.36	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	53	6.1	7.2	5.6	8.3	0	5
26/12/2018	09:00	8.4	8.4	8.4	98	8.1	4	WSW	0.33	8	SW	7.5	8.6	7.7	6.2	30.36	0.0	0.0	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.7	5.6	8.3	0	5
26/12/2018	09:05	8.4	8.4	8.4	98	8.1	4	SW	0.33	8	SW	7.5	8.6	7.7	6.2	30.36	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	53	6.1	7.2	5.6	8.3	0	5
26/12/2018	09:10	8.4	8.4	8.4	98	8.1	3	SW	0.25	7	SW	8.0	8.6	8.2	6.7	30.36	0.0	0.0	12	0.09	12	0	0.00	0.00	0.04	0.00	0.00	53	6.1	7.2	5.6	8.3	0	5
26/12/2018	09:15	8.4	8.4	8.4	98	8.1	5	WSW	0.42	11	SW	7.2	8.7	7.4	5.9	30.36	0.0	0.0	12	0.09	12	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	09:20	8.4	8.4	8.4	98	8.1	4	SW	0.33	7	SW	7.6	8.7	7.8	6.3	30.36	0.0	0.0	13	0.09	16	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	09:25	8.4	8.4	8.4	98	8.1	5	SW	0.42	10	SSW	7.2	8.7	7.4	5.9	30.36	0.0	0.0	18	0.13	18	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	09:30	8.4	8.5	8.4	98	8.1	6	SW	0.50	10	SSW	6.8	8.7	7.1	5.6	30.36	0.0	0.0	20	0.14	21	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	09:35	8.5	8.5	8.4	98	8.2	5	WSW	0.42	10	SSW	7.3	8.7	7.5	6.2	30.35	0.0	0.0	26	0.19	28	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	09:40	8.5	8.5	8.5	98	8.2	7	SW	0.58	14	W	6.7	8.7	6.9	5.6	30.35	0.0	0.0	30	0.22	33	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	09:45	8.6	8.6	8.5	98	8.3	6	SW	0.50	14	SW	7.0	8.8	7.3	6.1	30.35	0.0	0.0	34	0.24	37	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	09:50	8.6	8.6	8.6	98	8.3	5	SW	0.42	11	WSW	7.3	8.8	7.6	6.4	30.35	0.0	0.0	42	0.30	47	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	8.9	0	5
26/12/2018	09:55	8.6	8.6	8.6	98	8.3	6	SW	0.50	12	SW	7.1	8.9	7.3	6.2	30.35	0.0	0.0	38	0.27	40	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	8.9	0	5
26/12/2018	10:00	8.7	8.7	8.6	98	8.4	6	SW	0.50	11	WSW	7.1	8.9	7.4	6.3	30.35	0.0	0.0	41	0.29	42	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	10:05	8.7	8.7	8.7	98	8.4	6	WSW	0.50	12	W	7.1	8.9	7.4	6.2	30.34	0.0	0.0	34	0.24	39	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	10:10	8.7	8.7	8.7	98	8.4	6	W	0.50	11	W	7.1	8.9	7.4	6.2	30.35	0.0	0.0	34	0.24	35	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	10:15	8.7	8.7	8.7	98	8.4	6	WSW	0.50	15	WSW	7.1	8.9	7.4	7.1	30.35	0.0	0.0	38	0.27	39	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.2	5.6	8.9	0	5
26/12/2018	10:20	8.7	8.7	8.7	98	8.4	4	SW	0.33	9	SW	7.9	9.0	8.2	8.0	30.35	0.0	0.0	42	0.30	44	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	8.9	0	5
26/12/2018	10:25	8.8	8.8	8.7	98	8.5	4	WSW	0.33	10	W	8.0	9.1	8.3	8.3	30.35	0.0	0.0	48	0.34	53	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
26/12/2018	10:30	8.8	8.8	8.8	97	8.4	5	SW	0.42	8	SW	7.7	9.1	7.9	8.3	30.34	0.0	0.0	62	0.44	70	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
26/12/2018	10:35	8.9	8.9	8.8	97	8.4	5	SW	0.42	11	WSW	7.7	9.2	8.0	8.6	30.34	0.0	0.0	76	0.54	79	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	0	5
26/12/2018	10:40	8.9	8.9	8.9	97	8.5	6	SW	0.50	9	WSW	7.4	9.2	7.7	8.5	30.34	0.0	0.0	82	0.59	84	0	0.00	0.00	0.03	0.00	0.00	53	6.1	8.3	5.6	9.4	0	5
26/12/2018	10:45	9.0	9.0	8.9	97	8.5	6	SW	0.50	9	WSW	7.5	9.3	7.8	8.7	30.34	0.0	0.0	87	0.62	88	0	0.00	0.00	0.03	0.00	0.00	53	6.1	8.3	5.6	10.0	0	5
26/12/2018	10:50	9.1	9.1	9.0	96	8.5	6	SW	0.50	10	SSW	7.6	9.3	7.9	8.7	30.34	0.0	0.0	84	0.60	86	0	0.00	0.00	0.03	0.00	0.00	53	6.1	8.3	5.6	9.4	0	5
26/12/2018	10:55	9.1	9.1	9.0	96	8.5	6	SW	0.50	10	W	7.6	9.3	7.9	8.6	30.34	0.0	0.0	76	0.54	79	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.3	5.6	9.4	0	5
26/12/2018	11:00	9.0	9.1	9.0	96	8.4	6	SW	0.50	10	SSW	7.5	9.3	7.8	8.1	30.34	0.0	0.0	63	0.45	72	0	0.00	0.00	0.03	0.00	0.03	52	6.1	7.8	5.6	9.4	0	5
26/12/2018	11:05	8.9	9.0	8.9	96	8.3	6	SW	0.50	11	SSW	7.4	9.2	7.7	7.8	30.33	0.0	0.0	54	0.39	58	0	0.00	0.00	0.03	0.00	0.00	52	6.1	7.8	5.6	9.4	0	5
26/12/2018	11:10	8.9	9.0	8.9	96	8.3	5	SW	0.42	10	WSW	7.8	9.2	8.0	8.1	30.34	0.0	0.0	51	0.37	54	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.2	5.6	9.4	0	5
26/12/2018	11:15	8.9	8.9	8.9	96	8.3	6	SW	0.50	10	WSW	7.4	9.1	7.6	7.6	30.33	0.0	0.0	48	0.34	49	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.2	5.6	9.4	0	5
26/12/2018	11:20	8.9	8.9	8.9	96	8.3	7	SW	0.58	11	W	7.1	9.1	7.3	7.4	30.33	0.0	0.0	52	0.37	56	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.2	5.6	9.4	0	5
26/12/2018	11:25	8.9	8.9	8.9	96	8.3	6	SW	0.50	12	SW	7.4	9.1	7.6	7.7	30.33	0.0	0.0	53	0.38	56	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.2	5.6	9.4	0	5
26/12/2018	11:30	8.9	8.9	8.9	96	8.3	7	SW	0.58	12	SW	7.1	9.1	7.3	7.6	30.33	0.0	0.0	60	0.43	63	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.2	5.6	9.4	0	5
26/12/2018	11:35	8.9	8.9	8.9	96	8.3	7	SW	0.58	11	W	7.1	9.1	7.3	7.7	30.33	0.0	0.0	66	0.47	67	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.2	5.6	9.4	0	5
26/12/2018	11:40	8.9	8.9	8.9	96	8.3	5	SW	0.42	9	SW	7.7	9.1	7.9	8.4	30.33	0.0	0.0	68	0.49	69	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.2	6.1	9.4	0	5
26/12/2018	11:45	8.9	8.9	8.9	96	8.3	6	SW	0.50	12	SW	7.4	9.1	7.6	8.1	30.33	0.0	0.0	71	0.51	74	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.2	6.1	9.4	0	5
26/12/2018	11:50	8.9	8.9	8.9	96	8.3	5	SW	0.42	10	SW	7.8	9.2	8.0	8.7	30.33	0.0	0.0	80	0.57	84	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.2	6.1	9.4	0	5
26/12/2018	11:55	8.9	8.9	8.9	96	8.3	6	SW	0.50	10	SW	7.4	9.2	7.7	8.4	30.33	0.0	0.0	82	0.59	86	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.8	6.1	9.4	0	5
26/12/2018	12:00	8.9	8.9	8.9	95	8.2	6	WSW	0.50	11	SW	7.4	9.2	7.7	8.4	30.33	0.0	0.0	84	0.60	88	0	0.00	0.00	0.03	0.00	0.03	53	6.7	7.8	6.1	9.4	0	5
26/12/2018	12:05	8.9	8.9	8.9	95	8.2	6	SW	0.50	12	WSW	7.4	9.2	7.7	8.5	30.32	0.0	0.0	86	0.62	95	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.8	6.1	9.4	0	5
26/12/2018	12:10	8.9	8.9	8.9	95	8.2	7	SW	0.58	12	SW	7.2	9.2	7.4	8.4	30.32	0.0	0.0	94	0.67	95	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.8	6.1	9.4	0	5
26/12/2018	12:15	8.9	8.9	8.9	95	8.1	8	SW	0.67	12	W	6.7	9.1	6.9	7.7	30.32	0.0	0.0	87	0.62	95	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.8	6.1	9.4	0	5
26/12/2018	12:20	8.9	8.9	8.9	95	8.1	8	SW	0.67	12	SW	6.7	9.1	6.9	7.8	30.32	0.0	0.0	91	0.65	102	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.8	6.1	9.4	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
26/12/2018	12:25	8.9	8.9	8.9	95	8.1	7	SW	0.58	14	WSW	7.1	9.1	7.3	8.4	30.32	0.0	0.0	100	0.72	105	0	0.00	0.00	0.03	0.00	0.00	53	6.7	7.8	6.1	9.4	0	5
26/12/2018	12:30	8.9	8.9	8.9	95	8.1	8	SW	0.67	13	WSW	6.7	9.1	6.9	8.1	30.32	0.0	0.0	105	0.75	111	0	0.00	0.00	0.03	0.00	0.00	53	6.7	8.3	6.1	9.4	0	5
26/12/2018	12:35	8.9	8.9	8.9	95	8.2	7	SW	0.58	12	SSW	7.2	9.2	7.4	8.9	30.32	0.0	0.0	117	0.84	125	0	0.00	0.00	0.03	0.00	0.00	53	6.7	8.3	6.1	10.0	0	5
26/12/2018	12:40	8.9	9.0	8.9	95	8.2	8	SW	0.67	14	WSW	6.8	9.2	7.0	8.1	30.32	0.0	0.0	102	0.73	104	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	12:45	9.0	9.0	9.0	95	8.2	7	WSW	0.58	12	SW	7.2	9.2	7.4	8.8	30.32	0.0	0.0	109	0.78	116	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	10.0	0	5
26/12/2018	12:50	9.1	9.1	9.0	95	8.3	7	SW	0.58	11	SW	7.3	9.3	7.6	8.8	30.32	0.0	0.0	103	0.74	105	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.9	6.1	9.4	0	5
26/12/2018	12:55	9.1	9.1	9.1	95	8.4	5	W	0.42	9	WSW	7.9	9.3	8.2	9.2	30.32	0.0	0.0	96	0.69	100	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.9	6.1	10.0	0	5
26/12/2018	13:00	9.1	9.1	9.1	95	8.4	5	SW	0.42	12	WSW	7.9	9.3	8.2	9.0	30.32	0.0	0.0	86	0.62	91	0	0.00	0.00	0.03	0.00	0.05	52	6.7	8.9	6.1	9.4	0	5
26/12/2018	13:05	9.2	9.2	9.1	95	8.4	6	SW	0.50	11	WSW	7.7	9.4	8.0	8.6	30.32	0.0	0.0	74	0.53	84	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:10	9.1	9.2	9.1	95	8.4	4	W	0.33	8	SW	8.3	9.3	8.6	8.9	30.32	0.0	0.0	63	0.45	65	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:15	9.2	9.2	9.1	95	8.4	5	WSW	0.42	9	SW	8.1	9.4	8.3	8.7	30.32	0.0	0.0	62	0.44	62	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:20	9.2	9.2	9.2	95	8.4	5	WSW	0.42	8	SW	8.1	9.4	8.3	8.7	30.32	0.0	0.0	64	0.46	67	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:25	9.2	9.2	9.2	95	8.4	5	WSW	0.42	11	SSW	8.1	9.4	8.3	8.6	30.32	0.0	0.0	59	0.42	60	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:30	9.2	9.2	9.2	95	8.4	6	SW	0.50	11	WSW	7.7	9.4	8.0	8.3	30.32	0.0	0.0	60	0.43	60	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:35	9.2	9.2	9.2	95	8.4	6	SW	0.50	10	WSW	7.7	9.4	8.0	8.4	30.32	0.0	0.0	65	0.47	67	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:40	9.2	9.2	9.1	95	8.4	6	WSW	0.50	12	SSW	7.7	9.4	8.0	8.4	30.32	0.0	0.0	66	0.47	67	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:45	9.2	9.2	9.1	95	8.4	6	SW	0.50	12	SW	7.7	9.4	8.0	8.4	30.32	0.0	0.0	65	0.47	70	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:50	9.2	9.2	9.2	95	8.4	7	SW	0.58	14	SW	7.4	9.4	7.7	8.2	30.32	0.0	0.0	69	0.49	72	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	13:55	9.2	9.2	9.2	95	8.4	5	WSW	0.42	10	SSW	8.1	9.4	8.3	8.7	30.32	0.0	0.0	63	0.45	65	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	14:00	9.2	9.2	9.2	95	8.5	5	SW	0.42	9	SW	8.1	9.5	8.4	8.8	30.32	0.0	0.0	67	0.48	69	0	0.00	0.00	0.03	0.00	0.03	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	14:05	9.2	9.2	9.2	95	8.5	5	WSW	0.42	8	SW	8.1	9.5	8.4	8.7	30.32	0.0	0.0	62	0.44	67	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	14:10	9.2	9.2	9.2	95	8.5	4	WSW	0.33	8	W	8.5	9.5	8.8	7.8	30.32	0.0	0.0	61	0.44	65	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	14:15	9.2	9.2	9.2	95	8.5	3	W	0.25	6	W	8.9	9.5	9.2	8.3	30.32	0.0	0.0	65	0.47	67	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	14:20	9.2	9.2	9.2	95	8.5	5	SW	0.42	10	WSW	8.1	9.5	8.4	7.5	30.32	0.0	0.0	62	0.44	65	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	14:25	9.2	9.2	9.2	95	8.5	6	SW	0.50	11	WSW	7.8	9.5	8.1	7.1	30.32	0.0	0.0	54	0.39	60	0	0.00	0.00	0.03	0.00	0.00	52	6.7	8.3	6.1	9.4	0	5
26/12/2018	14:30	9.2	9.2	9.2	94	8.3	4	WSW	0.33	8	SW	8.5	9.4	8.7	7.6	30.32	0.0	0.0	46	0.33	47	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.8	6.1	9.4	0	5
26/12/2018	14:35	9.2	9.2	9.2	95	8.4	5	WSW	0.42	12	SSW	8.1	9.4	8.3	7.2	30.32	0.0	0.0	42	0.30	42	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.8	6.1	9.4	0	5
26/12/2018	14:40	9.1	9.2	9.1	95	8.4	5	SW	0.42	11	W	7.9	9.3	8.2	7.0	30.31	0.0	0.0	40	0.29	40	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.8	6.1	9.4	0	5
26/12/2018	14:45	9.1	9.1	9.1	95	8.3	5	WSW	0.42	9	SW	7.9	9.3	8.1	6.9	30.31	0.0	0.0	40	0.29	40	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
26/12/2018	14:50	9.1	9.1	9.1	95	8.3	5	SW	0.42	9	SW	7.9	9.3	8.1	6.9	30.31	0.0	0.0	39	0.28	39	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
26/12/2018	14:55	9.0	9.1	9.0	95	8.2	5	SW	0.42	10	SW	7.8	9.2	8.1	6.8	30.31	0.0	0.0	40	0.29	40	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
26/12/2018	15:00	9.0	9.1	9.0	95	8.2	5	SW	0.42	8	SW	7.8	9.2	8.1	6.8	30.31	0.0	0.0	40	0.29	40	0	0.00	0.00	0.03	0.00	0.03	52	6.7	7.2	6.1	8.9	0	5
26/12/2018	15:05	9.0	9.0	8.9	95	8.2	5	SW	0.42	7	SW	7.8	9.2	8.1	6.8	30.31	0.0	0.0	40	0.29	40	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
26/12/2018	15:10	8.9	9.0	8.9	95	8.2	4	SW	0.33	9	WSW	8.2	9.2	8.4	7.1	30.31	0.0	0.0	34	0.24	37	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
26/12/2018	15:15	8.9	8.9	8.9	95	8.2	5	SW	0.42	9	WSW	7.8	9.2	8.0	6.6	30.31	0.0	0.0	26	0.19	28	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	8.9	0	5
26/12/2018	15:20	8.9	8.9	8.9	95	8.1	6	SW	0.50	8	SW	7.4	9.1	7.6	6.1	30.31	0.0	0.0	19	0.14	21	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	8.9	0	5
26/12/2018	15:25	8.9	8.9	8.9	95	8.1	4	SW	0.33	7	SW	8.1	9.1	8.3	6.8	30.31	0.0	0.0	15	0.11	16	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
26/12/2018	15:30	8.9	8.9	8.9	95	8.1	3	WSW	0.25	6	W	8.6	9.1	8.8	7.2	30.31	0.0	0.0	12	0.09	12	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.1	6.1	8.3	0	5
26/12/2018	15:35	8.8	8.9	8.8	95	8.1	1	WSW	0.08	3	WSW	8.8	9.1	9.1	7.4	30.32	0.0	0.0	9	0.06	11	0	0.00	0.00	0.03	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
26/12/2018	15:40	8.8	8.8	8.8	95	8.0	1	WSW	0.08	3	WSW	8.8	9.0	9.0	7.4	30.31	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	52	6.7	5.6	6.1	7.2	1	5
26/12/2018	15:45	8.7	8.8	8.7	94	7.8	1	WSW	0.08	3	WSW	8.7	8.8	8.8	7.2	30.31	0.0	0.0	4	0.03	5	0	0.00	0.00	0.03	0.00	0.00	53	6.7	5.0	6.1	7.2	1	5
26/12/2018	15:50	8.6	8.7	8.6	94	7.7	2	WSW	0.17	3	WSW	8.6	8.8	8.8	7.1	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.7	5.0	6.1	6.7	1	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
26/12/2018	15:55	8.5	8.6	8.5	94	7.6	2	WSW	0.17	4	WSW	8.5	8.7	8.7	6.9	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	53	6.7	4.4	6.1	6.7	2	5
26/12/2018	16:00	8.4	8.5	8.4	94	7.5	2	WSW	0.17	3	WSW	8.4	8.6	8.6	6.8	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	4.4	6.1	6.7	2	5
26/12/2018	16:05	8.3	8.4	8.3	94	7.4	2	WSW	0.17	3	WSW	8.3	8.4	8.4	6.7	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	4.4	6.1	6.7	2	5
26/12/2018	16:10	8.2	8.3	8.2	94	7.3	2	WSW	0.17	4	WSW	8.2	8.3	8.3	6.6	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	4.4	6.1	6.7	3	5
26/12/2018	16:15	8.1	8.2	8.1	94	7.1	2	WSW	0.17	4	WSW	8.1	8.2	8.2	6.4	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	4.4	6.1	7.2	3	5
26/12/2018	16:20	8.0	8.1	8.0	94	7.1	2	WSW	0.17	4	WSW	8.0	8.2	8.2	6.4	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	7.2	3	5
26/12/2018	16:25	7.9	8.0	7.9	94	7.0	2	WSW	0.17	3	WSW	7.9	8.1	8.1	6.3	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	7.2	3	5
26/12/2018	16:30	7.9	7.9	7.9	94	7.0	1	WSW	0.08	3	WSW	7.9	8.1	8.1	6.3	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	7.2	4	5
26/12/2018	16:35	7.9	7.9	7.9	94	7.0	2	WSW	0.17	4	WSW	7.9	8.1	8.1	6.3	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	5.0	6.1	7.2	4	5
26/12/2018	16:40	7.9	7.9	7.9	95	7.1	2	WSW	0.17	3	WSW	7.9	8.1	8.1	6.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.7	4.4	6.1	6.7	4	5
26/12/2018	16:45	7.8	7.9	7.8	95	7.1	1	WSW	0.08	3	WSW	7.8	8.0	8.0	6.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	4.4	6.1	6.7	4	5
26/12/2018	16:50	7.8	7.8	7.8	95	7.0	2	WSW	0.17	3	WSW	7.8	7.9	7.9	6.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	4.4	6.1	6.7	4	5
26/12/2018	16:55	7.7	7.8	7.7	95	7.0	2	WSW	0.17	4	WSW	7.7	7.9	7.9	6.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	5.0	6.1	6.7	5	5
26/12/2018	17:00	7.7	7.7	7.7	95	7.0	2	WSW	0.17	4	WSW	7.7	7.9	7.9	6.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	5.0	6.1	7.2	6	5
26/12/2018	17:05	7.7	7.7	7.7	95	7.0	2	WSW	0.17	4	WSW	7.7	7.9	7.9	6.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	5.0	6.1	6.7	7	5
26/12/2018	17:10	7.7	7.7	7.7	95	7.0	2	WSW	0.17	4	WSW	7.7	7.9	7.9	6.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	5.0	6.1	6.7	7	5
26/12/2018	17:15	7.7	7.7	7.7	95	7.0	3	WSW	0.25	4	WSW	7.3	7.9	7.4	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	4.4	6.1	7.2	8	5
26/12/2018	17:20	7.7	7.7	7.7	95	6.9	2	WSW	0.17	3	WSW	7.7	7.8	7.8	6.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	4.4	6.1	6.7	9	5
26/12/2018	17:25	7.7	7.7	7.7	95	6.9	1	WSW	0.08	3	WSW	7.7	7.8	7.8	6.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	4.4	6.1	6.7	9	5
26/12/2018	17:30	7.6	7.7	7.6	95	6.9	1	WSW	0.08	2	WSW	7.6	7.8	7.8	6.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	3.9	6.1	6.1	9	5
26/12/2018	17:35	7.6	7.6	7.6	95	6.8	1	WSW	0.08	2	WSW	7.6	7.7	7.7	5.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	3.9	6.1	6.1	10	5
26/12/2018	17:40	7.4	7.6	7.4	96	6.8	1	WSW	0.08	3	WSW	7.4	7.6	7.6	5.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	3.9	6.1	6.1	10	5
26/12/2018	17:45	7.3	7.4	7.3	95	6.6	1	WSW	0.08	3	WSW	7.3	7.4	7.4	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	3.9	6.1	6.1	10	5
26/12/2018	17:50	7.3	7.3	7.3	95	6.5	0	---	0.00	0	---	7.3	7.4	7.4	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.7	3.9	6.1	6.1	11	5
26/12/2018	17:55	7.2	7.3	7.2	96	6.6	0	---	0.00	0	---	7.2	7.3	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	6.1	11	5
26/12/2018	18:00	7.2	7.2	7.1	95	6.4	0	---	0.00	0	---	7.2	7.3	7.3	5.5	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	6.1	11	5
26/12/2018	18:05	7.1	7.1	7.1	95	6.3	0	---	0.00	0	---	7.1	7.2	7.2	5.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	6.1	12	5
26/12/2018	18:10	7.0	7.1	6.9	95	6.3	0	---	0.00	0	---	7.0	7.1	7.1	5.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	12	5
26/12/2018	18:15	6.8	7.0	6.8	95	6.1	0	---	0.00	0	---	6.8	6.9	6.9	5.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	12	5
26/12/2018	18:20	6.8	6.8	6.8	95	6.0	0	---	0.00	0	---	6.8	6.9	6.9	5.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	12	5
26/12/2018	18:25	6.7	6.8	6.7	95	5.9	0	---	0.00	0	---	6.7	6.8	6.8	4.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	12	5
26/12/2018	18:30	6.6	6.7	6.6	95	5.9	0	---	0.00	0	---	6.6	6.7	6.7	4.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	12	5
26/12/2018	18:35	6.6	6.6	6.6	96	6.0	0	---	0.00	0	---	6.6	6.7	6.7	4.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	13	5
26/12/2018	18:40	6.5	6.6	6.5	96	5.9	0	---	0.00	0	---	6.5	6.6	6.6	4.8	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	13	5
26/12/2018	18:45	6.4	6.5	6.4	96	5.9	0	---	0.00	0	---	6.4	6.6	6.6	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	13	5
26/12/2018	18:50	6.4	6.4	6.4	96	5.9	0	---	0.00	0	---	6.4	6.6	6.6	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	6.1	13	5
26/12/2018	18:55	6.4	6.4	6.4	96	5.8	0	---	0.00	0	---	6.4	6.5	6.5	4.7	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	13	5
26/12/2018	19:00	6.4	6.4	6.4	96	5.9	0	---	0.00	0	---	6.4	6.6	6.6	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	3.9	6.1	6.1	13	5
26/12/2018	19:05	6.4	6.5	6.4	96	5.9	0	---	0.00	0	---	6.4	6.6	6.6	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	3.3	6.1	5.6	13	5
26/12/2018	19:10	6.4	6.4	6.4	96	5.9	0	---	0.00	0	---	6.4	6.6	6.6	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	3.3	6.1	5.6	13	5
26/12/2018	19:15	6.4	6.4	6.4	96	5.8	0	---	0.00	0	---	6.4	6.5	6.5	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	3.9	6.1	6.1	14	5
26/12/2018	19:20	6.4	6.4	6.4	96	5.9	0	---	0.00	0	---	6.4	6.6	6.6	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	3.9	6.1	6.1	14	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
26/12/2018	19:25	6.5	6.5	6.4	96	5.9	0	---	0.00	0	---	6.5	6.6	6.6	4.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	6.1	6.7	14	5
26/12/2018	19:30	6.6	6.6	6.5	96	6.0	0	---	0.00	0	---	6.6	6.7	6.7	4.9	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	6.1	6.7	14	5
26/12/2018	19:35	6.6	6.6	6.6	96	6.0	0	---	0.00	0	---	6.6	6.7	6.7	4.9	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	6.1	6.7	14	5
26/12/2018	19:40	6.7	6.7	6.6	97	6.3	0	---	0.00	0	---	6.7	6.9	6.9	5.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	6.7	14	5
26/12/2018	19:45	6.8	6.8	6.7	97	6.3	0	---	0.00	0	---	6.8	6.9	6.9	5.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	6.7	14	5
26/12/2018	19:50	6.8	6.8	6.8	97	6.4	0	---	0.00	0	---	6.8	7.0	7.0	5.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	6.7	14	5
26/12/2018	19:55	6.9	6.9	6.8	97	6.4	2	WSW	0.17	3	WSW	6.9	7.1	7.1	5.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	6.7	14	5
26/12/2018	20:00	6.9	6.9	6.9	97	6.4	2	WSW	0.17	3	WSW	6.9	7.1	7.1	5.3	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	6.7	14	5
26/12/2018	20:05	6.9	6.9	6.9	97	6.5	2	WSW	0.17	4	WSW	6.9	7.1	7.1	5.3	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	6.7	14	5
26/12/2018	20:10	7.0	7.0	6.9	97	6.6	2	WSW	0.17	4	WSW	7.0	7.2	7.2	5.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.0	6.1	7.2	14	5
26/12/2018	20:15	7.1	7.1	7.0	97	6.6	1	WSW	0.08	3	WSW	7.1	7.2	7.2	5.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	14	5
26/12/2018	20:20	7.1	7.1	7.1	97	6.7	1	WSW	0.08	2	WSW	7.1	7.3	7.3	5.5	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	6.7	14	5
26/12/2018	20:25	7.2	7.2	7.1	97	6.7	2	WSW	0.17	3	WSW	7.2	7.3	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	14	5
26/12/2018	20:30	7.2	7.2	7.1	97	6.7	2	WSW	0.17	3	WSW	7.2	7.3	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	14	5
26/12/2018	20:35	7.2	7.2	7.2	97	6.7	2	WSW	0.17	4	WSW	7.2	7.3	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	14	5
26/12/2018	20:40	7.3	7.3	7.2	97	6.8	2	WSW	0.17	3	WSW	7.3	7.4	7.4	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	14	5
26/12/2018	20:45	7.3	7.3	7.3	97	6.8	2	WSW	0.17	4	WSW	7.3	7.4	7.4	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
26/12/2018	20:50	7.3	7.3	7.3	97	6.9	2	WSW	0.17	3	WSW	7.3	7.5	7.5	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
26/12/2018	20:55	7.4	7.4	7.3	97	6.9	1	WSW	0.08	3	WSW	7.4	7.6	7.6	5.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:00	7.4	7.4	7.3	97	6.9	2	WSW	0.17	3	WSW	7.4	7.6	7.6	5.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:05	7.4	7.4	7.4	97	6.9	1	WSW	0.08	3	WSW	7.4	7.6	7.6	5.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:10	7.4	7.4	7.4	97	6.9	1	WSW	0.08	2	WSW	7.4	7.6	7.6	5.8	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:15	7.4	7.4	7.4	98	7.1	1	WSW	0.08	2	WSW	7.4	7.6	7.6	5.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:20	7.4	7.4	7.4	98	7.1	0	---	0.00	0	---	7.4	7.6	7.6	5.8	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:25	7.4	7.4	7.4	98	7.1	0	---	0.00	0	---	7.4	7.6	7.6	5.8	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:30	7.4	7.4	7.4	98	7.1	0	---	0.00	0	---	7.4	7.6	7.6	5.8	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:35	7.4	7.4	7.4	98	7.1	1	WSW	0.08	2	WSW	7.4	7.6	7.6	5.8	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:40	7.4	7.4	7.4	98	7.1	0	WSW	0.00	1	WSW	7.4	7.6	7.6	5.8	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	15	5
26/12/2018	21:45	7.4	7.5	7.4	98	7.1	0	WSW	0.00	2	WSW	7.4	7.6	7.6	5.8	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.8	15	5
26/12/2018	21:50	7.5	7.5	7.4	98	7.2	0	WSW	0.00	2	WSW	7.5	7.7	7.7	5.9	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.8	15	5
26/12/2018	21:55	7.5	7.5	7.4	98	7.2	0	WSW	0.00	2	WSW	7.5	7.7	7.7	5.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
26/12/2018	22:00	7.5	7.5	7.4	98	7.2	0	---	0.00	0	---	7.5	7.7	7.7	5.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
26/12/2018	22:05	7.5	7.6	7.5	98	7.2	0	---	0.00	0	---	7.5	7.7	7.7	5.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.8	15	5
26/12/2018	22:10	7.6	7.6	7.5	98	7.3	1	WSW	0.08	3	WSW	7.6	7.7	7.7	6.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
26/12/2018	22:15	7.6	7.6	7.6	98	7.3	1	WSW	0.08	2	WSW	7.6	7.7	7.7	6.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
26/12/2018	22:20	7.5	7.6	7.5	98	7.2	0	WSW	0.00	2	WSW	7.5	7.7	7.7	5.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
26/12/2018	22:25	7.5	7.6	7.5	98	7.2	0	WSW	0.00	1	WSW	7.5	7.7	7.7	5.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
26/12/2018	22:30	7.5	7.6	7.5	98	7.2	1	WSW	0.08	2	WSW	7.5	7.7	7.7	5.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	15	5
26/12/2018	22:35	7.5	7.6	7.5	98	7.2	2	WSW	0.17	4	WSW	7.5	7.7	7.7	5.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
26/12/2018	22:40	7.6	7.6	7.5	98	7.3	2	WSW	0.17	3	WSW	7.6	7.7	7.7	6.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
26/12/2018	22:45	7.6	7.6	7.5	98	7.3	4	WSW	0.33	7	WNW	6.6	7.7	6.7	5.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
26/12/2018	22:50	7.6	7.6	7.6	98	7.3	2	WNW	0.17	4	WNW	7.6	7.8	7.8	6.1	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
26/12/2018	22:55	7.6	7.6	7.6	98	7.3	2	WNW	0.17	4	WNW	7.6	7.8	7.8	6.1	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
26/12/2018	23:00	7.7	7.7	7.6	98	7.4	2	WNW	0.17	4	WNW	7.7	7.9	7.9	6.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	15	5
26/12/2018	23:05	7.7	7.7	7.7	98	7.4	1	WNW	0.08	2	WNW	7.7	7.9	7.9	6.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:10	7.7	7.7	7.7	98	7.4	0	WNW	0.00	2	WNW	7.7	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:15	7.7	7.7	7.7	98	7.4	0	WNW	0.00	1	WNW	7.7	7.9	7.9	6.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:20	7.7	7.7	7.7	98	7.4	2	W	0.17	5	W	7.7	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:25	7.7	7.7	7.7	98	7.4	1	W	0.08	3	W	7.7	7.9	7.9	6.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:30	7.7	7.7	7.7	98	7.4	3	W	0.25	4	W	7.2	7.9	7.4	5.7	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:35	7.7	7.7	7.7	98	7.4	3	W	0.25	5	W	7.2	7.9	7.4	5.7	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:40	7.7	7.7	7.7	98	7.4	1	W	0.08	3	W	7.7	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:45	7.7	7.7	7.7	98	7.4	0	---	0.00	0	---	7.7	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:50	7.7	7.7	7.7	98	7.4	1	W	0.08	3	W	7.7	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
26/12/2018	23:55	7.7	7.7	7.7	98	7.4	1	W	0.08	2	W	7.7	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	00:00	7.7	7.7	7.7	98	7.4	2	W	0.17	3	W	7.7	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	00:05	7.7	7.7	7.7	98	7.4	1	W	0.08	3	W	7.7	7.9	7.9	6.2	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	00:10	7.7	7.7	7.7	98	7.4	0	W	0.00	2	W	7.7	7.9	7.9	6.2	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	00:15	7.7	7.7	7.7	98	7.4	0	W	0.00	2	W	7.7	7.9	7.9	6.2	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	00:20	7.7	7.7	7.7	98	7.4	1	W	0.08	2	W	7.7	7.9	7.9	6.2	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	00:25	7.7	7.7	7.7	98	7.4	1	W	0.08	2	W	7.7	7.9	7.9	6.2	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	00:30	7.7	7.7	7.7	98	7.4	0	W	0.00	2	W	7.7	7.9	7.9	6.2	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	00:35	7.7	7.7	7.7	98	7.4	0	W	0.00	2	W	7.7	7.9	7.9	6.2	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	00:40	7.7	7.7	7.7	98	7.4	1	W	0.08	2	W	7.7	7.9	7.9	6.2	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	14	5
27/12/2018	00:45	7.7	7.7	7.7	98	7.4	2	W	0.17	2	W	7.7	7.9	7.9	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	14	5
27/12/2018	00:50	7.7	7.7	7.7	98	7.4	2	W	0.17	3	W	7.7	7.9	7.9	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	14	5
27/12/2018	00:55	7.7	7.7	7.7	98	7.4	2	W	0.17	3	W	7.7	7.9	7.9	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	01:00	7.7	7.7	7.7	98	7.4	1	W	0.08	4	W	7.7	7.9	7.9	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.2	14	5
27/12/2018	01:05	7.7	7.7	7.7	98	7.4	0	---	0.00	0	---	7.7	7.9	7.9	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	01:10	7.7	7.7	7.6	98	7.4	2	W	0.17	4	W	7.7	7.9	7.9	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	01:15	7.7	7.7	7.6	98	7.4	2	W	0.17	4	W	7.7	7.9	7.9	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	6.1	6.1	7.8	14	5
27/12/2018	01:20	7.6	7.7	7.6	98	7.3	2	W	0.17	4	W	7.6	7.8	7.8	6.1	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.8	14	5
27/12/2018	01:25	7.6	7.6	7.6	98	7.3	1	W	0.08	4	W	7.6	7.8	7.8	6.1	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	14	5
27/12/2018	01:30	7.6	7.6	7.6	98	7.3	1	W	0.08	3	W	7.6	7.8	7.8	6.1	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.6	6.1	7.2	14	5
27/12/2018	01:35	7.6	7.6	7.6	98	7.3	2	W	0.17	3	W	7.6	7.7	7.7	6.0	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.7	14	5
27/12/2018	01:40	7.5	7.6	7.5	98	7.2	2	W	0.17	5	W	7.5	7.7	7.7	5.9	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	5.0	6.1	6.7	14	5
27/12/2018	01:45	7.4	7.5	7.4	98	7.1	2	W	0.17	4	W	7.4	7.6	7.6	5.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	14	5
27/12/2018	01:50	7.4	7.4	7.4	98	7.1	4	W	0.33	6	W	6.3	7.6	6.5	4.7	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	14	5
27/12/2018	01:55	7.3	7.4	7.3	98	7.0	4	WSW	0.33	6	WSW	6.2	7.4	6.4	4.6	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	14	5
27/12/2018	02:00	7.3	7.3	7.2	97	6.8	4	WSW	0.33	5	WSW	6.2	7.4	6.4	4.6	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	4.4	6.1	6.1	14	5
27/12/2018	02:05	7.2	7.3	7.2	97	6.7	4	WSW	0.33	5	WSW	6.1	7.3	6.3	4.5	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	3.9	6.1	6.1	14	5
27/12/2018	02:10	7.2	7.2	7.2	97	6.7	4	WSW	0.33	6	WSW	6.1	7.3	6.3	4.5	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	3.9	6.1	6.1	14	5
27/12/2018	02:15	7.1	7.2	7.1	97	6.7	4	WSW	0.33	6	WSW	6.1	7.3	6.2	4.4	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	3.9	6.1	6.1	15	5
27/12/2018	02:20	7.1	7.1	7.1	97	6.6	4	WSW	0.33	6	WSW	5.9	7.2	6.1	4.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	3.9	6.1	6.1	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
27/12/2018	02:25	7.1	7.1	7.1	97	6.6	4	WSW	0.33	6	WSW	5.9	7.2	6.1	4.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	53	6.1	3.9	6.1	6.1	15	5
27/12/2018	02:30	7.0	7.1	7.0	97	6.6	3	WSW	0.25	5	WSW	6.4	7.2	6.6	4.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	02:35	6.9	7.0	6.9	97	6.5	3	WSW	0.25	5	WSW	6.4	7.1	6.6	4.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	02:40	6.9	6.9	6.9	97	6.4	3	WSW	0.25	4	WSW	6.3	7.1	6.4	4.7	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	02:45	6.8	6.9	6.8	97	6.4	3	WSW	0.25	5	WSW	6.2	7.0	6.4	4.6	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	02:50	6.8	6.8	6.8	97	6.3	3	WSW	0.25	4	WSW	6.2	6.9	6.3	4.6	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	02:55	6.7	6.8	6.7	97	6.3	3	WSW	0.25	5	WSW	6.1	6.9	6.3	4.5	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	6.1	6.1	15	5
27/12/2018	03:00	6.7	6.7	6.7	97	6.2	3	WSW	0.25	5	WSW	6.1	6.8	6.2	4.4	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	6.1	6.7	15	5
27/12/2018	03:05	6.7	6.7	6.7	97	6.2	3	WSW	0.25	5	WSW	6.1	6.8	6.2	4.4	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	6.1	6.1	15	5
27/12/2018	03:10	6.7	6.7	6.7	97	6.2	4	WSW	0.33	6	WSW	5.5	6.8	5.7	3.9	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	4.4	6.1	6.1	15	5
27/12/2018	03:15	6.6	6.7	6.6	97	6.2	4	SW	0.33	6	WSW	5.4	6.8	5.6	3.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	03:20	6.6	6.7	6.6	97	6.2	5	SW	0.42	7	SW	5.1	6.8	5.2	3.4	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	03:25	6.6	6.6	6.6	97	6.1	4	SW	0.33	5	SW	5.4	6.7	5.6	3.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	03:30	6.6	6.6	6.6	97	6.1	4	SW	0.33	7	SW	5.4	6.7	5.6	3.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	03:35	6.6	6.6	6.6	97	6.1	4	SW	0.33	6	SW	5.4	6.7	5.6	3.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	03:40	6.6	6.6	6.6	97	6.1	3	SW	0.25	5	SW	5.9	6.7	6.1	4.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	03:45	6.6	6.6	6.5	97	6.1	3	SW	0.25	5	SW	5.9	6.7	6.1	4.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	03:50	6.5	6.6	6.5	97	6.1	4	SW	0.33	6	SW	5.3	6.7	5.5	3.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.9	6.1	6.1	15	5
27/12/2018	03:55	6.4	6.5	6.4	97	6.0	3	SW	0.25	5	SW	5.8	6.6	5.9	4.1	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:00	6.4	6.4	6.4	97	6.0	3	SW	0.25	5	SW	5.8	6.6	5.9	4.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:05	6.4	6.4	6.4	97	6.0	3	SW	0.25	5	SW	5.8	6.6	5.9	4.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:10	6.4	6.4	6.4	97	5.9	3	SW	0.25	4	SW	5.7	6.5	5.8	4.0	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:15	6.4	6.4	6.4	97	5.9	3	SW	0.25	5	SW	5.7	6.5	5.8	4.0	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:20	6.4	6.4	6.4	98	6.1	4	SW	0.33	5	SW	5.2	6.6	5.3	3.5	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:25	6.4	6.4	6.3	98	6.1	3	SW	0.25	5	SW	5.7	6.6	5.9	4.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:30	6.3	6.4	6.3	98	6.0	2	SW	0.17	4	SW	6.3	6.5	6.5	4.7	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:35	6.3	6.3	6.3	98	6.0	2	SW	0.17	4	SW	6.3	6.5	6.5	4.7	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:40	6.3	6.3	6.3	98	6.0	3	SW	0.25	4	SW	5.7	6.5	5.8	4.0	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:45	6.3	6.3	6.3	98	6.0	4	SW	0.33	5	SW	5.1	6.4	5.2	3.3	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	6.1	3.3	6.1	5.6	15	5
27/12/2018	04:50	6.3	6.3	6.3	97	5.8	4	SW	0.33	6	SW	5.1	6.4	5.2	3.3	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	3.3	6.1	6.1	15	5
27/12/2018	04:55	6.3	6.3	6.3	98	6.0	3	SW	0.25	4	SW	5.7	6.5	5.8	4.0	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	3.3	6.1	5.6	15	5
27/12/2018	05:00	6.3	6.3	6.3	98	6.0	3	SW	0.25	5	SW	5.7	6.5	5.8	4.0	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	6.1	2.8	6.1	5.6	15	5
27/12/2018	05:05	6.3	6.3	6.3	98	6.0	0	SW	0.00	1	SW	6.3	6.4	6.4	4.6	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	2.8	6.1	5.6	15	5
27/12/2018	05:10	6.2	6.3	6.2	97	5.8	2	SW	0.17	4	SW	6.2	6.3	6.3	4.5	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	2.8	6.1	5.6	15	5
27/12/2018	05:15	6.2	6.2	6.2	97	5.7	3	SW	0.25	4	SW	5.5	6.3	5.6	3.8	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	2.8	6.1	5.0	15	5
27/12/2018	05:20	6.1	6.2	6.1	97	5.7	2	SW	0.17	3	SW	6.1	6.2	6.2	4.4	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	2.8	6.1	5.6	15	5
27/12/2018	05:25	6.1	6.2	6.1	98	5.8	2	SW	0.17	3	SW	6.1	6.2	6.2	4.3	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.3	6.1	5.6	15	5
27/12/2018	05:30	6.0	6.1	6.0	98	5.7	2	SW	0.17	4	SW	6.0	6.1	6.1	4.3	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	2.8	6.1	5.0	15	5
27/12/2018	05:35	5.9	6.0	5.9	98	5.7	0	SW	0.00	2	SW	5.9	6.1	6.1	4.2	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	2.8	6.1	5.0	15	5
27/12/2018	05:40	5.9	5.9	5.9	97	5.4	1	SW	0.08	3	SW	5.9	6.0	6.0	4.2	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	2.8	5.6	5.0	15	5
27/12/2018	05:45	5.8	5.9	5.8	97	5.4	1	SW	0.08	2	SW	5.8	5.9	5.9	4.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.3	5.6	5.6	15	5
27/12/2018	05:50	5.8	5.9	5.8	97	5.4	2	SW	0.17	4	SW	5.8	5.9	5.9	4.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.3	5.6	5.0	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
27/12/2018	05:55	5.8	5.8	5.8	97	5.3	2	SW	0.17	3	SW	5.8	5.9	5.9	4.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.3	5.6	5.0	15	5
27/12/2018	06:00	5.7	5.8	5.7	98	5.4	1	SW	0.08	4	SW	5.7	5.8	5.8	4.0	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	2.8	5.6	5.0	15	5
27/12/2018	06:05	5.7	5.7	5.7	98	5.4	3	SW	0.25	5	SW	4.9	5.8	5.0	3.2	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.3	5.6	5.0	15	5
27/12/2018	06:10	5.6	5.7	5.6	98	5.3	2	SW	0.17	5	SW	5.6	5.7	5.7	3.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.3	5.6	5.0	15	5
27/12/2018	06:15	5.6	5.6	5.6	98	5.3	3	SW	0.25	5	SW	4.8	5.7	4.9	3.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.3	5.6	5.0	15	5
27/12/2018	06:20	5.6	5.6	5.6	97	5.1	2	SW	0.17	4	SW	5.6	5.6	5.6	3.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.3	5.6	5.0	15	5
27/12/2018	06:25	5.6	5.6	5.6	97	5.1	3	SW	0.25	5	SW	4.8	5.6	4.8	3.0	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.3	5.6	5.6	15	5
27/12/2018	06:30	5.6	5.6	5.6	98	5.3	3	SW	0.25	4	SW	4.8	5.7	4.9	3.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	2.8	5.6	5.6	15	5
27/12/2018	06:35	5.6	5.6	5.6	98	5.3	3	SW	0.25	4	SW	4.8	5.7	4.9	3.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	2.8	5.6	5.6	15	5
27/12/2018	06:40	5.6	5.7	5.6	98	5.3	3	SW	0.25	5	SW	4.8	5.7	4.9	3.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	2.8	5.6	5.0	15	5
27/12/2018	06:45	5.7	5.7	5.6	98	5.4	2	SW	0.17	4	SW	5.7	5.8	5.8	3.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	2.8	5.6	5.0	15	5
27/12/2018	06:50	5.7	5.7	5.6	98	5.4	4	SW	0.33	6	SW	4.3	5.8	4.4	2.6	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	2.8	5.6	5.6	15	5
27/12/2018	06:55	5.7	5.7	5.7	98	5.4	4	SW	0.33	6	SW	4.4	5.8	4.6	2.7	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:00	5.7	5.7	5.7	98	5.4	4	SW	0.33	6	SW	4.4	5.8	4.6	2.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:05	5.8	5.8	5.7	98	5.5	3	SW	0.25	5	SW	5.1	5.9	5.2	3.3	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:10	5.8	5.8	5.7	98	5.5	4	SW	0.33	5	SW	4.5	5.9	4.6	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:15	5.8	5.8	5.8	98	5.5	4	SW	0.33	6	SW	4.5	5.9	4.6	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:20	5.8	5.8	5.8	98	5.5	4	SW	0.33	5	SW	4.5	5.9	4.6	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:25	5.8	5.8	5.8	98	5.5	4	SW	0.33	5	SW	4.5	5.9	4.6	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:30	5.8	5.8	5.8	98	5.5	4	SW	0.33	5	SW	4.6	5.9	4.7	2.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:35	5.9	5.9	5.8	98	5.6	3	SW	0.25	4	SW	5.2	6.0	5.3	3.4	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:40	5.9	5.9	5.8	98	5.6	3	SW	0.25	5	SW	5.2	6.0	5.3	3.4	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:45	5.9	5.9	5.9	98	5.7	3	SW	0.25	4	SW	5.2	6.1	5.3	3.5	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:50	5.9	5.9	5.9	98	5.7	2	SW	0.17	4	SSW	5.9	6.1	6.1	4.2	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	07:55	5.9	5.9	5.9	98	5.7	1	SSW	0.08	4	SSW	5.9	6.1	6.1	4.2	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	08:00	5.9	5.9	5.9	98	5.7	0	---	0.00	0	---	5.9	6.1	6.1	4.2	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	08:05	5.9	5.9	5.9	98	5.7	0	---	0.00	0	---	5.9	6.1	6.1	4.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	55	5.6	3.3	5.6	5.6	15	5
27/12/2018	08:10	5.9	5.9	5.9	98	5.7	1	SSW	0.08	3	SSW	5.9	6.1	6.1	4.2	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	15	5
27/12/2018	08:15	5.9	5.9	5.9	98	5.7	1	SSW	0.08	3	SSW	5.9	6.1	6.1	4.2	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	15	5
27/12/2018	08:20	6.0	6.0	5.9	98	5.7	1	SSW	0.08	3	SSW	6.0	6.1	6.1	4.3	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	15	5
27/12/2018	08:25	6.1	6.1	6.0	98	5.8	3	SSW	0.25	5	SSW	5.4	6.2	5.5	3.7	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	54	5.6	3.9	5.6	6.1	15	5
27/12/2018	08:30	6.1	6.1	6.1	98	5.8	3	SSW	0.25	5	SSW	5.4	6.2	5.6	3.8	30.26	0.0	0.0	3	0.02	5	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
27/12/2018	08:35	6.2	6.2	6.1	98	5.9	4	SSW	0.33	6	SSW	4.9	6.3	5.1	3.3	30.26	0.0	0.0	7	0.05	9	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.1	15	5
27/12/2018	08:40	6.3	6.3	6.2	98	6.0	4	SSW	0.33	7	SSW	5.1	6.4	5.2	3.5	30.26	0.0	0.0	11	0.08	12	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.7	15	5
27/12/2018	08:45	6.3	6.3	6.3	98	6.0	3	SSW	0.25	6	SSW	5.7	6.5	5.8	4.2	30.26	0.0	0.0	15	0.11	16	0	0.00	0.00	0.04	0.00	0.00	54	5.6	4.4	5.6	6.7	15	5
27/12/2018	08:50	6.4	6.4	6.3	98	6.1	4	SSW	0.33	6	SSW	5.2	6.6	5.3	3.8	30.26	0.0	0.0	18	0.13	18	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	6.7	15	5
27/12/2018	08:55	6.4	6.4	6.4	98	6.2	3	SSW	0.25	6	SSW	5.8	6.6	6.0	4.4	30.26	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	7.2	15	5
27/12/2018	09:00	6.5	6.5	6.4	98	6.2	3	SSW	0.25	5	SSW	5.9	6.7	6.1	4.5	30.26	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	7.2	15	5
27/12/2018	09:05	6.6	6.6	6.5	98	6.3	2	SSW	0.17	5	SSW	6.6	6.7	6.7	5.2	30.26	0.0	0.0	23	0.16	25	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	7.2	15	5
27/12/2018	09:10	6.6	6.6	6.6	98	6.3	2	SSW	0.17	5	SSW	6.6	6.8	6.8	5.3	30.26	0.0	0.0	25	0.18	25	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.0	5.6	7.2	15	5
27/12/2018	09:15	6.6	6.7	6.6	98	6.3	3	SSW	0.25	6	SSW	6.0	6.8	6.2	4.7	30.26	0.0	0.0	27	0.19	28	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.2	15	5
27/12/2018	09:20	6.7	6.7	6.7	98	6.4	4	SSW	0.33	7	SSW	5.5	6.8	5.7	4.2	30.26	0.0	0.0	28	0.20	28	0	0.00	0.00	0.04	0.00	0.00	54	5.6	5.6	5.6	7.2	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
27/12/2018	09:25	6.7	6.8	6.7	98	6.4	4	SSW	0.33	7	SSW	5.6	6.9	5.7	4.3	30.26	0.0	0.0	29	0.21	30	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	7.8	15	5
27/12/2018	09:30	6.8	6.8	6.7	98	6.5	4	SSW	0.33	6	SSW	5.6	6.9	5.8	4.4	30.26	0.0	0.0	31	0.22	32	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	7.8	15	5
27/12/2018	09:35	6.8	6.8	6.8	98	6.5	5	SSW	0.42	6	SSW	5.3	7.0	5.4	4.1	30.26	0.0	0.0	35	0.25	37	0	0.00	0.00	0.04	0.00	0.00	53	5.6	5.6	5.6	7.8	15	5
27/12/2018	09:40	6.9	6.9	6.8	98	6.6	5	SSW	0.42	7	SSW	5.3	7.1	5.5	4.2	30.26	0.0	0.0	39	0.28	40	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	15	5
27/12/2018	09:45	6.9	6.9	6.9	98	6.7	3	SSW	0.25	6	SSW	6.4	7.1	6.6	5.4	30.26	0.0	0.0	47	0.34	49	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	15	5
27/12/2018	09:50	7.1	7.1	6.9	98	6.8	3	SSW	0.25	6	SSW	6.6	7.3	6.7	5.6	30.25	0.0	0.0	52	0.37	53	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	7.8	15	5
27/12/2018	09:55	7.3	7.3	7.1	98	7.0	1	SSW	0.08	2	SSW	7.3	7.4	7.4	6.3	30.25	0.0	0.0	53	0.38	54	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.1	5.6	8.3	15	5
27/12/2018	10:00	7.5	7.5	7.3	98	7.2	1	SSW	0.08	4	SSW	7.5	7.7	7.7	6.6	30.26	0.0	0.0	57	0.41	58	0	0.00	0.00	0.04	0.00	0.03	53	5.6	6.7	5.6	8.3	15	5
27/12/2018	10:05	7.7	7.7	7.5	98	7.4	0	SSW	0.00	1	SSW	7.7	7.9	7.9	6.9	30.26	0.0	0.0	58	0.42	63	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.7	5.6	8.9	15	5
27/12/2018	10:10	7.7	7.7	7.7	98	7.4	1	SSW	0.08	4	SSW	7.7	7.9	7.9	7.0	30.26	0.0	0.0	64	0.46	65	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.7	5.6	8.9	15	5
27/12/2018	10:15	7.8	7.8	7.7	97	7.4	3	SSW	0.25	4	SSW	7.4	8.0	7.6	6.6	30.25	0.0	0.0	59	0.42	62	0	0.00	0.00	0.04	0.00	0.00	53	5.6	6.7	5.6	8.9	15	5
27/12/2018	10:20	7.9	7.9	7.8	97	7.5	1	SSW	0.08	4	SSW	7.9	8.2	8.2	8.4	30.26	0.0	0.0	62	0.44	63	0	0.00	0.00	0.04	0.00	0.00	52	5.6	6.7	5.6	8.9	15	5
27/12/2018	10:25	8.0	8.0	7.9	97	7.6	0	SSW	0.00	2	SSW	8.0	8.2	8.2	8.4	30.25	0.0	0.0	61	0.44	63	0	0.00	0.00	0.04	0.00	0.00	52	5.6	6.7	5.6	8.9	15	5
27/12/2018	10:30	8.1	8.1	8.0	96	7.5	3	SSW	0.25	5	SSW	7.7	8.2	7.8	8.1	30.25	0.0	0.0	63	0.45	63	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.2	5.6	8.9	15	5
27/12/2018	10:35	8.2	8.2	8.1	96	7.6	3	SSW	0.25	5	SSW	7.8	8.3	7.9	8.2	30.25	0.0	0.0	63	0.45	65	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.2	5.6	8.9	15	5
27/12/2018	10:40	8.2	8.2	8.2	96	7.6	2	SSW	0.17	4	SSW	8.2	8.3	8.3	8.7	30.25	0.0	0.0	67	0.48	69	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.2	5.6	8.9	15	5
27/12/2018	10:45	8.3	8.3	8.2	96	7.7	2	SSW	0.17	4	SSW	8.3	8.4	8.4	8.9	30.25	0.0	0.0	72	0.52	74	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.2	5.6	9.4	15	5
27/12/2018	10:50	8.3	8.3	8.3	96	7.7	2	SSW	0.17	4	SSW	8.3	8.4	8.4	9.0	30.25	0.0	0.0	75	0.54	76	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.2	5.6	9.4	15	5
27/12/2018	10:55	8.3	8.3	8.3	95	7.6	3	SSW	0.25	5	SSW	7.9	8.5	8.1	8.5	30.25	0.0	0.0	66	0.47	69	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.2	5.6	9.4	15	5
27/12/2018	11:00	8.3	8.3	8.3	95	7.6	4	SSW	0.33	5	SSW	7.4	8.5	7.6	7.9	30.25	0.0	0.0	65	0.47	65	0	0.00	0.00	0.04	0.00	0.03	52	5.6	7.2	5.6	8.9	15	5
27/12/2018	11:05	8.4	8.4	8.3	95	7.6	3	SSW	0.25	5	SSW	8.0	8.6	8.2	8.7	30.25	0.0	0.0	71	0.51	77	0	0.00	0.00	0.04	0.00	0.00	52	5.6	7.2	5.6	9.4	15	5
27/12/2018	11:10	8.4	8.4	8.4	95	7.7	3	SSW	0.25	5	SSW	8.1	8.6	8.2	9.0	30.25	0.0	0.0	84	0.60	88	0	0.00	0.00	0.03	0.00	0.00	52	5.6	7.8	5.6	9.4	15	5
27/12/2018	11:15	8.6	8.6	8.4	95	7.8	4	SSW	0.33	6	SSW	7.7	8.7	7.9	8.9	30.24	0.0	0.0	97	0.70	105	0	0.00	0.00	0.03	0.00	0.00	53	6.1	7.8	5.6	9.4	14	5
27/12/2018	11:20	8.7	8.7	8.6	94	7.8	3	SSW	0.25	5	SSW	8.3	8.8	8.5	9.8	30.24	0.0	0.0	107	0.77	111	0	0.00	0.00	0.03	0.00	0.00	53	6.1	8.3	5.6	10.0	13	5
27/12/2018	11:25	8.8	8.8	8.7	94	7.9	4	SSW	0.33	8	SSW	8.0	8.9	8.2	9.5	30.24	0.0	0.0	111	0.80	113	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.3	5.6	10.0	11	5
27/12/2018	11:30	8.9	8.9	8.8	94	8.0	4	SSW	0.33	6	SSW	8.1	9.1	8.3	9.6	30.24	0.0	0.0	105	0.75	107	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.9	5.6	10.0	6	5
27/12/2018	11:35	8.9	8.9	8.8	94	8.0	4	SSW	0.33	7	SSW	8.1	9.1	8.3	9.6	30.24	0.0	0.0	104	0.75	113	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.9	5.6	10.0	3	5
27/12/2018	11:40	8.9	9.0	8.9	94	8.0	4	SSW	0.33	8	SW	8.2	9.2	8.4	9.9	30.24	0.0	0.0	119	0.85	121	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.9	5.6	10.0	1	5
27/12/2018	11:45	9.0	9.0	8.9	93	7.9	3	SW	0.25	8	SW	8.7	9.2	8.8	10.2	30.24	0.0	0.0	109	0.78	113	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.9	5.6	10.0	0	5
27/12/2018	11:50	9.1	9.1	9.0	93	8.0	3	SW	0.25	6	SW	8.7	9.2	8.9	9.9	30.24	0.0	0.0	93	0.67	102	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.9	5.6	10.0	0	5
27/12/2018	11:55	9.1	9.1	9.1	93	8.0	3	SW	0.25	7	SW	8.7	9.2	8.9	9.6	30.24	0.0	0.0	78	0.56	83	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.9	5.6	10.0	0	5
27/12/2018	12:00	9.1	9.1	9.1	93	8.0	2	SW	0.17	4	SW	9.1	9.3	9.3	10.1	30.24	0.0	0.0	84	0.60	88	0	0.00	0.00	0.03	0.00	0.05	52	6.1	8.9	5.6	10.0	0	5
27/12/2018	12:05	9.2	9.2	9.1	93	8.1	3	SW	0.25	6	SW	8.9	9.4	9.1	10.0	30.24	0.0	0.0	89	0.64	91	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.9	5.6	10.0	0	5
27/12/2018	12:10	9.2	9.2	9.1	92	7.9	2	SW	0.17	5	SW	9.2	9.3	9.3	10.2	30.24	0.0	0.0	88	0.63	88	0	0.00	0.00	0.03	0.00	0.00	52	6.1	8.9	5.6	10.0	0	5
27/12/2018	12:15	9.1	9.2	9.1	92	7.9	3	SW	0.25	8	SW	8.8	9.3	8.9	9.8	30.24	0.0	0.0	86	0.62	88	0	0.00	0.00	0.03	0.00	0.00	51	6.1	8.9	5.6	10.0	0	5
27/12/2018	12:20	9.2	9.2	9.1	92	7.9	2	SW	0.17	4	SW	9.2	9.3	9.3	10.3	30.24	0.0	0.0	92	0.66	95	0	0.00	0.00	0.03	0.00	0.00	51	6.1	9.4	5.6	10.0	0	5
27/12/2018	12:25	9.3	9.3	9.2	92	8.0	1	SW	0.08	3	SW	9.3	9.5	9.5	10.6	30.24	0.0	0.0	95	0.68	95	0	0.00	0.00	0.03	0.00	0.00	51	6.1	9.4	5.6	10.6	0	5
27/12/2018	12:30	9.3	9.3	9.3	92	8.0	2	SW	0.17	4	SW	9.3	9.5	9.5	10.5	30.24	0.0	0.0	94	0.67	95	0	0.00	0.00	0.03	0.00	0.00	51	6.1	9.4	5.6	10.6	0	5
27/12/2018	12:35	9.3	9.3	9.3	92	8.1	1	SW	0.08	3	SW	9.3	9.6	9.6	10.7	30.24	0.0	0.0	102	0.73	107	0	0.00	0.00	0.03	0.00	0.00	51	6.1	9.4	5.6	10.6	0	5
27/12/2018	12:40	9.3	9.3	9.3	92	8.1	1	SW	0.08	3	SW	9.3	9.6	9.6	10.7	30.24	0.0	0.0	100	0.72	102	0	0.00	0.00	0.03	0.00	0.00	51	6.1	10.0	5.6	10.6	0	5
27/12/2018	12:45	9.4	9.4	9.3	91	8.0	1	SW	0.08	3	SW	9.4	9.6	9.6	10.6	30.24	0.0	0.0	93	0.67	97	0	0.00	0.00	0.03	0.00	0.00	51	6.1	10.0	5.6	10.6	0	5
27/12/2018	12:50	9.4	9.5	9.4	91	8.0	2	SW	0.17	4	SW	9.4	9.6	9.6	10.6	30.24	0.0	0.0	91	0.65	95	0	0.00	0.00	0.03	0.00	0.00	51	6.1	9.4	5.6	10.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
27/12/2018	12:55	9.4	9.5	9.4	91	8.0	1	SW	0.08	4	SW	9.4	9.6	9.6	10.4	30.24	0.0	0.0	82	0.59	84	0	0.00	0.00	0.03	0.00	0.00	51	6.1	9.4	5.6	10.6	0	5
27/12/2018	13:00	9.5	9.5	9.4	91	8.1	3	SW	0.25	6	SW	9.2	9.7	9.4	10.1	30.24	0.0	0.0	77	0.55	79	0	0.00	0.00	0.03	0.00	0.05	51	6.1	9.4	5.6	10.6	0	5
27/12/2018	13:05	9.4	9.5	9.4	91	8.0	4	SW	0.33	7	SW	8.7	9.6	8.9	9.4	30.23	0.0	0.0	74	0.53	76	0	0.00	0.00	0.03	0.00	0.00	51	6.1	9.4	5.6	10.0	0	5
27/12/2018	13:10	9.4	9.4	9.4	90	7.9	2	SW	0.17	5	SW	9.4	9.6	9.6	10.2	30.23	0.0	0.0	72	0.52	77	0	0.00	0.00	0.03	0.00	0.00	51	6.7	9.4	6.1	10.0	0	5
27/12/2018	13:15	9.4	9.4	9.4	90	7.9	4	SW	0.33	8	SW	8.7	9.6	8.9	9.2	30.23	0.0	0.0	64	0.46	69	0	0.00	0.00	0.03	0.00	0.00	51	6.7	9.4	6.1	10.0	0	5
27/12/2018	13:20	9.4	9.4	9.4	90	7.8	2	SW	0.17	5	SW	9.4	9.6	9.6	9.7	30.23	0.0	0.0	53	0.38	54	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	10.0	0	5
27/12/2018	13:25	9.3	9.4	9.3	90	7.7	3	SW	0.25	5	SW	9.0	9.4	9.2	9.2	30.23	0.0	0.0	51	0.37	53	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	9.4	0	5
27/12/2018	13:30	9.2	9.3	9.2	90	7.7	1	SW	0.08	3	SW	9.2	9.4	9.4	9.6	30.23	0.0	0.0	59	0.42	63	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	10.0	0	5
27/12/2018	13:35	9.2	9.2	9.2	91	7.8	2	SW	0.17	5	SW	9.2	9.4	9.4	10.0	30.23	0.0	0.0	76	0.54	79	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	10.0	0	5
27/12/2018	13:40	9.2	9.2	9.2	91	7.8	1	SW	0.08	3	SW	9.2	9.4	9.4	9.7	30.23	0.0	0.0	62	0.44	74	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	10.0	0	5
27/12/2018	13:45	9.3	9.3	9.2	91	7.9	2	SW	0.17	3	SW	9.3	9.4	9.4	9.8	30.23	0.0	0.0	63	0.45	65	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	10.0	0	5
27/12/2018	13:50	9.2	9.3	9.2	91	7.8	2	SW	0.17	5	SW	9.2	9.4	9.4	9.7	30.23	0.0	0.0	62	0.44	63	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	10.0	0	5
27/12/2018	13:55	9.2	9.2	9.2	91	7.8	1	SW	0.08	3	SW	9.2	9.3	9.3	9.5	30.23	0.0	0.0	58	0.42	62	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	10.0	0	5
27/12/2018	14:00	9.2	9.2	9.2	91	7.8	1	SW	0.08	3	SW	9.2	9.3	9.3	9.3	30.23	0.0	0.0	48	0.34	51	0	0.00	0.00	0.03	0.00	0.03	51	6.7	8.9	6.1	10.0	0	5
27/12/2018	14:05	9.2	9.2	9.2	91	7.8	2	SW	0.17	5	SW	9.2	9.3	9.3	9.2	30.23	0.0	0.0	47	0.34	49	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	9.4	0	5
27/12/2018	14:10	9.1	9.2	9.1	91	7.7	1	SW	0.08	4	SW	9.1	9.3	9.3	8.2	30.23	0.0	0.0	46	0.33	47	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	9.4	0	5
27/12/2018	14:15	9.1	9.1	9.1	91	7.7	0	---	0.00	0	---	9.1	9.3	9.3	8.1	30.23	0.0	0.0	40	0.29	42	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	9.4	0	5
27/12/2018	14:20	9.1	9.1	9.1	91	7.7	0	---	0.00	0	---	9.1	9.3	9.3	8.1	30.23	0.0	0.0	39	0.28	40	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	9.4	0	5
27/12/2018	14:25	9.1	9.1	9.1	91	7.7	1	SW	0.08	2	SW	9.1	9.2	9.2	8.0	30.23	0.0	0.0	38	0.27	39	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	9.4	0	5
27/12/2018	14:30	9.0	9.1	9.0	91	7.6	1	SW	0.08	4	SW	9.0	9.2	9.2	7.9	30.23	0.0	0.0	38	0.27	39	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	9.4	0	5
27/12/2018	14:35	8.9	9.0	8.9	91	7.6	1	SW	0.08	2	SW	8.9	9.1	9.1	7.8	30.23	0.0	0.0	36	0.26	37	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	9.4	0	5
27/12/2018	14:40	8.9	8.9	8.9	91	7.6	1	SW	0.08	3	SW	8.9	9.1	9.1	7.8	30.23	0.0	0.0	38	0.27	39	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	9.4	0	5
27/12/2018	14:45	8.9	8.9	8.9	91	7.6	2	SW	0.17	3	SW	8.9	9.1	9.1	7.9	30.24	0.0	0.0	39	0.28	40	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	9.4	0	5
27/12/2018	14:50	8.9	8.9	8.9	91	7.5	1	SW	0.08	3	SW	8.9	9.0	9.0	7.7	30.23	0.0	0.0	34	0.24	39	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	9.4	0	5
27/12/2018	14:55	8.9	8.9	8.9	91	7.5	0	SW	0.00	2	SW	8.9	9.0	9.0	7.6	30.23	0.0	0.0	25	0.18	26	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	8.9	0	5
27/12/2018	15:00	8.9	8.9	8.9	91	7.6	0	SW	0.00	2	SW	8.9	9.1	9.1	7.6	30.23	0.0	0.0	21	0.15	21	0	0.00	0.00	0.03	0.00	0.03	51	6.7	7.8	6.1	8.9	0	5
27/12/2018	15:05	8.9	8.9	8.9	90	7.4	1	SW	0.08	3	SW	8.9	9.1	9.1	7.6	30.23	0.0	0.0	19	0.14	19	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	8.9	0	5
27/12/2018	15:10	8.9	8.9	8.9	90	7.3	1	SW	0.08	3	SW	8.9	9.0	9.0	7.6	30.23	0.0	0.0	18	0.13	18	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	8.9	0	5
27/12/2018	15:15	8.9	8.9	8.9	90	7.3	1	SW	0.08	3	SW	8.9	9.0	9.0	7.5	30.23	0.0	0.0	15	0.11	16	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	8.9	0	5
27/12/2018	15:20	8.9	8.9	8.9	90	7.3	1	SW	0.08	3	SW	8.9	9.0	9.0	7.4	30.24	0.0	0.0	12	0.09	12	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	8.9	0	5
27/12/2018	15:25	8.8	8.9	8.8	90	7.3	2	SW	0.17	3	SW	8.8	8.9	8.9	7.4	30.23	0.0	0.0	9	0.06	11	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	8.9	0	5
27/12/2018	15:30	8.8	8.8	8.8	90	7.3	0	SW	0.00	2	SW	8.8	8.9	8.9	7.3	30.23	0.0	0.0	8	0.06	9	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	8.3	0	5
27/12/2018	15:35	8.8	8.8	8.8	90	7.2	1	SW	0.08	2	SW	8.8	8.9	8.9	7.3	30.23	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	8.3	0	5
27/12/2018	15:40	8.8	8.8	8.8	90	7.2	1	SW	0.08	2	SW	8.8	8.9	8.9	7.2	30.24	0.0	0.0	3	0.02	5	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	8.3	0	5
27/12/2018	15:45	8.8	8.8	8.8	90	7.2	0	SW	0.00	2	SW	8.8	8.9	8.9	7.2	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	8.3	0	5
27/12/2018	15:50	8.7	8.8	8.7	90	7.2	1	SW	0.08	2	SW	8.7	8.8	8.8	7.1	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	8.3	0	5
27/12/2018	15:55	8.7	8.8	8.7	90	7.2	0	SW	0.00	1	SW	8.7	8.8	8.8	7.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	6.7	6.1	8.3	0	5
27/12/2018	16:00	8.7	8.7	8.7	90	7.2	0	SW	0.00	2	SW	8.7	8.8	8.8	7.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	6.7	6.1	8.3	0	5
27/12/2018	16:05	8.7	8.7	8.7	90	7.1	0	SW	0.00	1	SW	8.7	8.8	8.8	7.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	6.7	6.1	8.3	0	5
27/12/2018	16:10	8.7	8.7	8.7	90	7.1	0	SW	0.00	2	SW	8.7	8.8	8.8	7.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	6.7	6.1	8.3	0	5
27/12/2018	16:15	8.6	8.7	8.6	90	7.1	1	SW	0.08	2	SW	8.6	8.7	8.7	7.0	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	6.7	6.1	7.8	0	5
27/12/2018	16:20	8.6	8.6	8.6	90	7.1	1	SW	0.08	2	SW	8.6	8.7	8.7	7.0	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	6.7	6.1	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
27/12/2018	16:25	8.6	8.6	8.6	90	7.0	1	SW	0.08	3	SW	8.6	8.7	8.7	6.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	6.7	6.1	8.3	0	5
27/12/2018	16:30	8.6	8.6	8.6	91	7.2	1	SW	0.08	2	SW	8.6	8.7	8.7	6.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	6.7	6.1	8.3	0	5
27/12/2018	16:35	8.5	8.6	8.5	90	7.0	1	SW	0.08	2	SW	8.5	8.6	8.6	6.9	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	16:40	8.4	8.5	8.4	91	7.1	0	---	0.00	0	---	8.4	8.6	8.6	6.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	16:45	8.4	8.5	8.4	91	7.1	0	SW	0.00	2	SW	8.4	8.6	8.6	6.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	16:50	8.4	8.4	8.4	91	7.0	1	SW	0.08	3	SW	8.4	8.5	8.5	6.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	16:55	8.4	8.4	8.4	91	7.0	1	SW	0.08	3	SW	8.4	8.5	8.5	6.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:00	8.4	8.4	8.3	91	7.0	1	SW	0.08	2	SW	8.4	8.5	8.5	6.8	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:05	8.3	8.4	8.3	91	6.9	0	SW	0.00	2	SW	8.3	8.4	8.4	6.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:10	8.3	8.3	8.3	91	6.9	1	SW	0.08	3	SW	8.3	8.4	8.4	6.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:15	8.3	8.3	8.3	91	6.9	1	SW	0.08	3	SW	8.3	8.4	8.4	6.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:20	8.3	8.3	8.3	91	6.9	2	SW	0.17	4	SW	8.3	8.4	8.4	6.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:25	8.2	8.3	8.2	91	6.8	2	SW	0.17	4	SW	8.2	8.3	8.3	6.6	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:30	8.2	8.3	8.2	91	6.8	2	SW	0.17	4	SW	8.2	8.3	8.3	6.6	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:35	8.2	8.2	8.2	92	7.0	2	SW	0.17	5	SW	8.2	8.3	8.3	6.6	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:40	8.2	8.2	8.2	92	7.0	3	SW	0.25	7	SW	7.8	8.3	7.9	6.2	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	17:45	8.2	8.2	8.2	92	7.0	3	SW	0.25	6	SW	7.8	8.3	7.9	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	17:50	8.2	8.2	8.2	92	7.0	4	SW	0.33	6	SW	7.3	8.3	7.4	5.7	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	17:55	8.2	8.2	8.2	92	7.0	3	SW	0.25	6	SW	7.8	8.3	7.9	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:00	8.3	8.3	8.2	92	7.1	4	SW	0.33	6	SW	7.4	8.4	7.5	5.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:05	8.3	8.3	8.2	92	7.1	3	SW	0.25	6	SW	7.9	8.4	8.0	6.3	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:10	8.3	8.3	8.3	91	6.9	3	SW	0.25	6	SW	7.9	8.4	8.0	6.3	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:15	8.3	8.3	8.3	91	6.9	4	SW	0.33	6	SW	7.4	8.4	7.5	5.8	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:20	8.3	8.3	8.3	91	6.9	4	SW	0.33	7	SW	7.4	8.4	7.5	5.8	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:25	8.3	8.3	8.3	91	6.9	3	SW	0.25	6	SW	7.9	8.4	8.0	6.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:30	8.3	8.3	8.3	91	6.9	3	SW	0.25	5	SW	7.9	8.4	8.0	6.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:35	8.3	8.3	8.3	91	6.9	4	SW	0.33	6	SW	7.4	8.4	7.5	5.8	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:40	8.3	8.3	8.3	91	6.9	4	SW	0.33	7	SW	7.4	8.4	7.5	5.8	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:45	8.3	8.3	8.3	91	6.9	4	SW	0.33	6	SW	7.4	8.4	7.5	5.8	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:50	8.3	8.3	8.3	91	6.9	4	SW	0.33	6	SW	7.4	8.4	7.5	5.8	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	18:55	8.3	8.3	8.3	91	6.9	4	SW	0.33	7	SW	7.4	8.4	7.5	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	19:00	8.3	8.3	8.3	91	6.9	3	SW	0.25	6	SW	7.9	8.4	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	19:05	8.3	8.3	8.3	90	6.7	5	SW	0.42	8	SW	7.0	8.4	7.1	5.4	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	19:10	8.3	8.3	8.3	90	6.7	3	SW	0.25	4	SW	7.9	8.4	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	19:15	8.3	8.3	8.3	90	6.8	3	SW	0.25	5	SW	7.9	8.4	8.1	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	19:20	8.3	8.3	8.3	90	6.8	3	SW	0.25	6	SW	7.9	8.4	8.1	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	19:25	8.3	8.3	8.3	90	6.8	0	SW	0.00	3	SW	8.3	8.4	8.4	6.7	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
27/12/2018	19:30	8.3	8.3	8.3	90	6.8	0	SW	0.00	1	SW	8.3	8.4	8.4	6.7	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	19:35	8.3	8.3	8.3	90	6.8	0	---	0.00	0	---	8.3	8.4	8.4	6.7	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	19:40	8.3	8.3	8.3	90	6.7	1	SW	0.08	2	SW	8.3	8.4	8.4	6.7	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	19:45	8.3	8.3	8.3	90	6.7	0	SW	0.00	3	SW	8.3	8.4	8.4	6.7	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	19:50	8.3	8.3	8.3	90	6.7	0	SW	0.00	2	SW	8.3	8.4	8.4	6.7	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
27/12/2018	19:55	8.3	8.3	8.3	90	6.7	0	SW	0.00	1	SW	8.3	8.4	8.4	6.7	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	20:00	8.2	8.3	8.2	90	6.7	0	SW	0.00	2	SW	8.2	8.3	8.3	6.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	20:05	8.2	8.2	8.2	90	6.6	0	SW	0.00	1	SW	8.2	8.3	8.3	6.6	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	20:10	8.2	8.2	8.2	90	6.6	0	SW	0.00	2	SW	8.2	8.3	8.3	6.6	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	20:15	8.2	8.2	8.2	90	6.6	1	SW	0.08	3	SW	8.2	8.3	8.3	6.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	20:20	8.1	8.2	8.1	90	6.6	1	SW	0.08	2	SW	8.1	8.2	8.2	6.5	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	20:25	8.1	8.1	8.1	90	6.6	1	SW	0.08	3	SW	8.1	8.2	8.2	6.5	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	20:30	8.1	8.1	8.1	90	6.5	2	SW	0.17	3	SW	8.1	8.2	8.2	6.4	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	20:35	8.1	8.1	8.1	90	6.5	2	SW	0.17	4	SW	8.1	8.2	8.2	6.4	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	20:40	8.1	8.1	8.1	91	6.7	2	SW	0.17	3	SW	8.1	8.2	8.2	6.4	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	20:45	8.1	8.1	8.0	91	6.7	2	SW	0.17	4	SW	8.1	8.2	8.2	6.4	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	20:50	8.0	8.1	8.0	91	6.6	2	SW	0.17	3	SW	8.0	8.1	8.1	6.4	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	20:55	8.0	8.0	7.9	91	6.6	2	SW	0.17	4	SW	8.0	8.1	8.1	6.4	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:00	7.9	8.0	7.9	91	6.6	2	SW	0.17	3	SW	7.9	8.1	8.1	6.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:05	7.9	8.0	7.9	91	6.6	3	SW	0.25	4	SW	7.5	8.1	7.6	5.9	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:10	7.9	7.9	7.9	92	6.7	2	SW	0.17	4	SW	7.9	8.1	8.1	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:15	7.9	7.9	7.9	92	6.7	2	SW	0.17	4	SW	7.9	8.0	8.0	6.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:20	7.9	7.9	7.9	92	6.7	2	SW	0.17	3	SW	7.9	8.0	8.0	6.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:25	7.9	7.9	7.9	92	6.7	2	SW	0.17	4	SW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:30	7.9	7.9	7.9	92	6.7	2	SW	0.17	4	SW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:35	7.9	7.9	7.9	92	6.7	2	SW	0.17	4	SW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:40	7.9	7.9	7.9	92	6.7	2	SW	0.17	5	SW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:45	7.9	7.9	7.9	92	6.7	3	SW	0.25	6	SW	7.4	8.0	7.6	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:50	7.8	7.9	7.8	92	6.6	3	SW	0.25	7	SW	7.4	7.9	7.5	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	21:55	7.8	7.9	7.8	92	6.6	3	SW	0.25	5	SW	7.4	7.9	7.5	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	22:00	7.8	7.9	7.8	92	6.6	3	SW	0.25	6	SW	7.4	7.9	7.5	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	22:05	7.8	7.8	7.8	92	6.6	3	SW	0.25	6	SW	7.4	7.9	7.5	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	22:10	7.8	7.8	7.8	92	6.6	3	SW	0.25	5	SW	7.4	7.9	7.5	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	22:15	7.8	7.8	7.8	92	6.6	3	SW	0.25	6	SW	7.4	7.9	7.5	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	22:20	7.8	7.8	7.8	92	6.6	3	SW	0.25	7	SW	7.4	7.9	7.5	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	22:25	7.9	7.9	7.8	92	6.7	3	SW	0.25	6	SW	7.4	8.0	7.6	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	22:30	7.9	7.9	7.8	92	6.7	2	SW	0.17	4	SW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	22:35	7.9	7.9	7.9	92	6.7	1	SW	0.08	3	SW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	22:40	7.9	7.9	7.9	92	6.7	2	SW	0.17	5	SW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	22:45	7.9	7.9	7.9	92	6.7	3	SW	0.25	6	SW	7.5	8.1	7.6	5.9	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	22:50	7.9	7.9	7.9	92	6.7	3	SW	0.25	6	SW	7.4	8.0	7.6	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	22:55	7.9	7.9	7.9	92	6.7	4	SW	0.33	8	SW	6.9	8.0	7.0	5.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	23:00	7.9	7.9	7.9	91	6.5	3	SW	0.25	7	SW	7.4	8.0	7.6	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	23:05	7.9	7.9	7.9	91	6.5	2	SW	0.17	7	SW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	23:10	7.9	7.9	7.9	91	6.5	3	SW	0.25	5	SW	7.4	8.0	7.6	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	23:15	7.9	7.9	7.9	91	6.5	4	SW	0.33	9	WSW	6.9	8.0	7.0	5.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	23:20	7.9	7.9	7.9	91	6.5	3	WSW	0.25	9	WSW	7.4	8.0	7.6	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
27/12/2018	23:25	7.9	7.9	7.9	91	6.6	2	WSW	0.17	4	WSW	7.9	8.1	8.1	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	23:30	7.9	7.9	7.9	91	6.6	2	WSW	0.17	4	WSW	7.9	8.1	8.1	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	23:35	7.9	7.9	7.9	90	6.4	3	WSW	0.25	7	WSW	7.5	8.0	7.6	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	23:40	7.9	7.9	7.9	90	6.4	3	WSW	0.25	6	WSW	7.5	8.0	7.6	5.8	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	23:45	7.9	8.0	7.9	90	6.4	2	WSW	0.17	4	WSW	7.9	8.0	8.0	6.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	7.8	0	5
27/12/2018	23:50	8.0	8.0	7.9	90	6.5	1	WSW	0.08	3	WSW	8.0	8.1	8.1	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
27/12/2018	23:55	8.0	8.0	8.0	90	6.5	1	WSW	0.08	3	WSW	8.0	8.1	8.1	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:00	8.0	8.0	7.9	90	6.5	2	WSW	0.17	3	WSW	8.0	8.1	8.1	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:05	7.9	8.0	7.9	90	6.4	1	WSW	0.08	3	WSW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:10	7.9	7.9	7.9	90	6.4	2	WSW	0.17	3	WSW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:15	7.9	7.9	7.9	90	6.4	3	WSW	0.25	5	WSW	7.5	8.0	7.6	5.8	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:20	7.9	7.9	7.9	91	6.5	4	WSW	0.33	7	WSW	6.9	8.0	7.0	5.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:25	7.9	7.9	7.8	91	6.5	2	WSW	0.17	4	WSW	7.9	8.0	8.0	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:30	7.8	7.9	7.8	91	6.5	2	WSW	0.17	4	WSW	7.8	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:35	7.8	7.8	7.8	91	6.5	2	WSW	0.17	4	WSW	7.8	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:40	7.8	7.8	7.8	91	6.5	1	WSW	0.08	2	WSW	7.8	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:45	7.8	7.8	7.8	91	6.5	1	WSW	0.08	2	WSW	7.8	7.9	7.9	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	00:50	7.8	7.8	7.8	91	6.4	1	WSW	0.08	4	WSW	7.8	7.8	7.8	6.1	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	00:55	7.8	7.8	7.8	91	6.4	1	WSW	0.08	2	WSW	7.8	7.8	7.8	6.1	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	01:00	7.8	7.8	7.8	91	6.4	1	WSW	0.08	3	WSW	7.8	7.8	7.8	6.1	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	01:05	7.8	7.8	7.8	91	6.4	1	WSW	0.08	3	WSW	7.8	7.8	7.8	6.1	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	01:10	7.8	7.8	7.7	91	6.4	2	WSW	0.17	4	WSW	7.8	7.8	7.8	6.1	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	01:15	7.7	7.8	7.7	91	6.3	2	WSW	0.17	4	WSW	7.7	7.8	7.8	6.1	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	01:20	7.7	7.8	7.7	91	6.3	2	WSW	0.17	3	WSW	7.7	7.8	7.8	6.1	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	01:25	7.7	7.7	7.7	91	6.3	2	WSW	0.17	4	WSW	7.7	7.8	7.8	6.1	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	01:30	7.7	7.7	7.7	91	6.3	3	WSW	0.25	5	WSW	7.3	7.8	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	01:35	7.7	7.7	7.7	91	6.3	3	WSW	0.25	5	WSW	7.2	7.7	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	01:40	7.7	7.7	7.7	91	6.3	3	WSW	0.25	6	WSW	7.2	7.7	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	01:45	7.7	7.7	7.7	91	6.3	3	WSW	0.25	5	WSW	7.2	7.7	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	01:50	7.7	7.7	7.7	91	6.3	3	WSW	0.25	5	WSW	7.2	7.7	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	01:55	7.7	7.7	7.7	91	6.3	3	WSW	0.25	5	WSW	7.2	7.7	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	02:00	7.7	7.7	7.7	91	6.3	3	WSW	0.25	5	WSW	7.2	7.7	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	02:05	7.7	7.7	7.7	92	6.4	3	WSW	0.25	5	WSW	7.2	7.8	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	02:10	7.7	7.7	7.7	91	6.3	3	WSW	0.25	4	WSW	7.2	7.7	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	02:15	7.7	7.7	7.7	92	6.4	3	WSW	0.25	4	WSW	7.2	7.8	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	02:20	7.7	7.7	7.7	92	6.4	3	WSW	0.25	4	WSW	7.2	7.8	7.3	5.6	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	02:25	7.7	7.7	7.6	92	6.4	3	WSW	0.25	4	WSW	7.2	7.8	7.3	5.6	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	02:30	7.7	7.7	7.6	92	6.4	2	WSW	0.17	4	WSW	7.7	7.8	7.8	6.1	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	02:35	7.6	7.7	7.6	92	6.4	2	WSW	0.17	4	WSW	7.6	7.7	7.7	6.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	02:40	7.6	7.7	7.6	92	6.4	2	WSW	0.17	4	WSW	7.6	7.7	7.7	6.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	02:45	7.6	7.7	7.6	92	6.4	3	WSW	0.25	5	WSW	7.1	7.7	7.2	5.5	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	02:50	7.6	7.6	7.6	92	6.4	4	WSW	0.33	5	WSW	6.6	7.7	6.7	5.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
28/12/2018	02:55	7.6	7.6	7.6	92	6.4	4	WSW	0.33	6	WSW	6.6	7.7	6.7	5.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	03:00	7.6	7.6	7.6	92	6.4	3	WSW	0.25	6	WSW	7.1	7.7	7.2	5.5	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	03:05	7.6	7.6	7.6	92	6.4	3	WSW	0.25	6	WSW	7.1	7.7	7.2	5.5	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	03:10	7.6	7.6	7.6	92	6.3	3	WSW	0.25	5	WSW	7.1	7.7	7.2	5.4	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	03:15	7.6	7.6	7.6	92	6.4	3	WSW	0.25	7	WSW	7.1	7.7	7.2	5.5	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	03:20	7.6	7.6	7.6	92	6.4	2	WSW	0.17	5	WSW	7.6	7.7	7.7	6.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	03:25	7.6	7.6	7.6	92	6.4	1	WSW	0.08	3	WSW	7.6	7.7	7.7	6.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	03:30	7.6	7.6	7.6	92	6.4	2	WSW	0.17	4	WSW	7.6	7.7	7.7	6.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	03:35	7.6	7.6	7.6	92	6.4	3	WSW	0.25	4	WSW	7.1	7.7	7.2	5.5	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	03:40	7.6	7.6	7.6	92	6.4	2	WSW	0.17	4	WSW	7.6	7.7	7.7	6.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	03:45	7.6	7.6	7.6	92	6.4	3	WSW	0.25	5	WSW	7.1	7.7	7.2	5.5	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	03:50	7.6	7.6	7.6	92	6.4	3	WSW	0.25	5	WSW	7.1	7.7	7.2	5.5	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	03:55	7.6	7.6	7.6	92	6.4	4	WSW	0.33	6	WSW	6.6	7.7	6.7	5.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	04:00	7.6	7.6	7.6	93	6.5	3	WSW	0.25	6	WSW	7.1	7.7	7.2	5.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	04:05	7.6	7.6	7.6	93	6.6	4	WSW	0.33	7	WSW	6.6	7.7	6.7	5.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	04:10	7.6	7.6	7.6	93	6.5	4	WSW	0.33	7	WSW	6.6	7.7	6.7	4.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	04:15	7.6	7.6	7.6	93	6.5	3	WSW	0.25	5	WSW	7.1	7.7	7.2	5.4	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	04:20	7.6	7.6	7.6	93	6.5	4	WSW	0.33	6	WSW	6.6	7.7	6.7	4.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	04:25	7.6	7.6	7.6	93	6.6	4	WSW	0.33	6	WSW	6.6	7.7	6.7	5.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	04:30	7.6	7.6	7.6	93	6.6	4	WSW	0.33	7	WSW	6.6	7.7	6.7	5.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	04:35	7.6	7.6	7.6	93	6.6	4	WSW	0.33	6	WSW	6.6	7.7	6.7	5.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	04:40	7.6	7.6	7.6	93	6.6	4	WSW	0.33	7	WSW	6.6	7.7	6.7	5.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	04:45	7.6	7.7	7.6	93	6.6	3	WSW	0.25	6	WSW	7.1	7.7	7.2	5.5	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	04:50	7.7	7.7	7.6	93	6.6	3	WSW	0.25	5	WSW	7.2	7.8	7.3	5.6	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	04:55	7.6	7.7	7.6	93	6.6	2	WSW	0.17	5	WSW	7.6	7.7	7.7	6.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	05:00	7.6	7.7	7.6	93	6.6	2	WSW	0.17	5	WSW	7.6	7.7	7.7	6.0	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	05:05	7.6	7.7	7.6	93	6.6	2	WSW	0.17	4	WSW	7.6	7.7	7.7	6.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	05:10	7.6	7.6	7.6	93	6.6	3	WSW	0.25	5	WSW	7.1	7.7	7.2	5.5	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.2	0	5
28/12/2018	05:15	7.6	7.6	7.6	92	6.4	3	WSW	0.25	6	WSW	7.1	7.7	7.2	5.5	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	05:20	7.6	7.6	7.6	92	6.4	4	WSW	0.33	7	WSW	6.6	7.7	6.7	5.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	05:25	7.6	7.6	7.6	92	6.3	4	WSW	0.33	8	WSW	6.6	7.7	6.7	4.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	05:30	7.6	7.6	7.6	92	6.3	4	WSW	0.33	7	WSW	6.6	7.7	6.7	4.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	05:35	7.6	7.6	7.6	92	6.3	4	WSW	0.33	7	WSW	6.6	7.7	6.7	4.9	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	05:40	7.6	7.6	7.6	92	6.4	4	WSW	0.33	6	WSW	6.6	7.7	6.7	5.0	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	05:45	7.6	7.6	7.6	91	6.2	4	WSW	0.33	8	WSW	6.6	7.7	6.7	4.9	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	05:50	7.6	7.6	7.6	91	6.2	4	WSW	0.33	7	WSW	6.6	7.7	6.7	4.9	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	05:55	7.7	7.7	7.6	91	6.3	3	WSW	0.25	6	WSW	7.2	7.7	7.3	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:00	7.7	7.7	7.7	91	6.3	4	WSW	0.33	6	WSW	6.7	7.7	6.7	5.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:05	7.7	7.7	7.7	91	6.3	4	WSW	0.33	6	WSW	6.7	7.7	6.7	5.0	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:10	7.7	7.7	7.7	91	6.3	2	WSW	0.17	5	WSW	7.7	7.8	7.8	6.1	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:15	7.7	7.7	7.7	91	6.3	4	WSW	0.33	7	WSW	6.7	7.8	6.8	5.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:20	7.7	7.7	7.7	90	6.1	3	WSW	0.25	7	WSW	7.2	7.7	7.3	5.6	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
28/12/2018	06:25	7.7	7.7	7.7	90	6.2	3	WSW	0.25	6	WSW	7.3	7.8	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:30	7.7	7.7	7.7	90	6.2	3	WSW	0.25	6	WSW	7.3	7.8	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:35	7.7	7.7	7.7	90	6.2	3	WSW	0.25	5	WSW	7.3	7.8	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:40	7.7	7.7	7.7	90	6.2	3	WSW	0.25	6	WSW	7.3	7.8	7.3	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:45	7.7	7.7	7.7	90	6.2	4	WSW	0.33	7	WSW	6.7	7.8	6.8	5.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:50	7.7	7.8	7.7	90	6.2	4	WSW	0.33	7	WSW	6.7	7.8	6.8	5.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	06:55	7.8	7.8	7.7	90	6.2	4	WSW	0.33	8	WSW	6.8	7.8	6.8	5.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	07:00	7.8	7.8	7.7	90	6.2	5	WSW	0.42	8	WSW	6.4	7.8	6.4	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	07:05	7.8	7.8	7.8	90	6.2	4	WSW	0.33	8	WSW	6.8	7.8	6.8	5.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	07:10	7.8	7.8	7.8	90	6.2	4	WSW	0.33	8	WSW	6.8	7.8	6.8	5.1	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	07:15	7.8	7.8	7.8	89	6.1	3	WSW	0.25	8	WSW	7.3	7.8	7.4	5.6	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	07:20	7.8	7.8	7.8	89	6.1	5	SW	0.42	10	SW	6.4	7.8	6.4	4.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	07:25	7.8	7.8	7.8	89	6.1	5	SW	0.42	10	WSW	6.4	7.8	6.4	4.7	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	07:30	7.8	7.8	7.8	89	6.1	3	SW	0.25	8	SW	7.3	7.8	7.4	5.6	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	07:35	7.8	7.8	7.8	89	6.1	4	SW	0.33	7	SW	6.8	7.8	6.8	5.1	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	07:40	7.8	7.8	7.8	89	6.1	3	SW	0.25	8	SW	7.3	7.8	7.4	5.6	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	07:45	7.8	7.8	7.7	89	6.1	4	SW	0.33	9	SW	6.8	7.8	6.8	5.1	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	07:50	7.7	7.8	7.7	89	6.0	3	SW	0.25	8	SW	7.3	7.8	7.3	5.6	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	07:55	7.7	7.7	7.7	89	6.0	3	SW	0.25	7	SW	7.2	7.7	7.3	5.5	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	08:00	7.7	7.7	7.7	89	6.0	5	SW	0.42	9	SW	6.3	7.7	6.3	4.6	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	08:05	7.7	7.7	7.7	89	6.0	5	SW	0.42	8	SW	6.3	7.7	6.3	4.6	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	7.2	0	5
28/12/2018	08:10	7.6	7.7	7.6	89	5.9	4	SW	0.33	8	SW	6.6	7.7	6.7	4.9	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	08:15	7.6	7.6	7.6	89	5.9	3	SW	0.25	5	SW	7.1	7.7	7.2	5.4	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	08:20	7.6	7.6	7.6	89	5.9	3	SW	0.25	6	SW	7.1	7.7	7.2	5.4	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	08:25	7.6	7.6	7.6	89	5.9	3	SW	0.25	5	SW	7.1	7.7	7.2	5.5	30.33	0.0	0.0	5	0.04	5	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	08:30	7.6	7.6	7.6	89	5.9	3	SW	0.25	4	SW	7.1	7.7	7.2	5.5	30.33	0.0	0.0	7	0.05	9	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	08:35	7.6	7.6	7.6	89	5.9	2	SW	0.17	3	SW	7.6	7.7	7.7	6.1	30.33	0.0	0.0	10	0.07	11	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	08:40	7.6	7.6	7.6	89	5.9	2	SW	0.17	3	SW	7.6	7.7	7.7	6.1	30.33	0.0	0.0	11	0.08	11	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	08:45	7.6	7.6	7.6	89	5.9	3	SW	0.25	5	SW	7.1	7.7	7.2	5.6	30.33	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	08:50	7.6	7.6	7.6	89	5.9	5	SW	0.42	8	SW	6.2	7.7	6.2	4.7	30.31	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.2	0	5
28/12/2018	08:55	7.6	7.6	7.6	89	5.9	5	SW	0.42	7	SW	6.1	7.6	6.2	4.7	30.32	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	09:00	7.6	7.6	7.6	89	5.9	5	SW	0.42	9	SW	6.1	7.6	6.2	4.7	30.32	0.0	0.0	19	0.14	19	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	09:05	7.6	7.6	7.6	89	5.9	4	SW	0.33	7	SW	6.6	7.6	6.6	5.1	30.33	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	09:10	7.6	7.6	7.6	89	5.9	4	WSW	0.33	9	WSW	6.6	7.7	6.7	5.2	30.32	0.0	0.0	24	0.17	26	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	09:15	7.6	7.6	7.6	89	5.9	2	WSW	0.17	5	WSW	7.6	7.7	7.7	6.3	30.33	0.0	0.0	27	0.19	28	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	09:20	7.6	7.6	7.6	89	5.9	2	WSW	0.17	6	WSW	7.6	7.7	7.7	6.3	30.32	0.0	0.0	31	0.22	33	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.6	6.1	7.8	0	5
28/12/2018	09:25	7.7	7.7	7.6	89	6.0	4	WSW	0.33	8	WSW	6.7	7.7	6.7	5.4	30.33	0.0	0.0	37	0.27	40	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	7.8	0	5
28/12/2018	09:30	7.7	7.7	7.7	89	6.0	4	WSW	0.33	10	WSW	6.7	7.8	6.8	5.7	30.33	0.0	0.0	50	0.36	54	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	8.3	0	5
28/12/2018	09:35	7.9	7.9	7.7	89	6.2	3	WSW	0.25	8	WSW	7.4	7.9	7.5	6.5	30.32	0.0	0.0	58	0.42	60	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.1	6.1	8.3	0	5
28/12/2018	09:40	8.1	8.1	7.9	88	6.2	3	WSW	0.25	8	WSW	7.7	8.2	7.8	6.8	30.33	0.0	0.0	61	0.44	62	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
28/12/2018	09:45	8.2	8.2	8.1	87	6.1	3	WSW	0.25	5	WSW	7.8	8.2	7.8	6.9	30.33	0.0	0.0	67	0.48	69	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
28/12/2018	09:50	8.3	8.3	8.2	87	6.2	3	WSW	0.25	6	WSW	7.9	8.3	7.9	7.1	30.33	0.0	0.0	70	0.50	70	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.9	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
28/12/2018	09:55	8.3	8.3	8.2	87	6.2	5	WSW	0.42	9	WSW	7.0	8.3	7.1	6.2	30.32	0.0	0.0	65	0.47	69	0	0.00	0.00	0.04	0.00	0.00	52	6.7	6.7	6.1	8.3	0	5
28/12/2018	10:00	8.3	8.3	8.3	87	6.2	4	WSW	0.33	9	WSW	7.4	8.3	7.4	6.5	30.32	0.0	0.0	61	0.44	62	0	0.00	0.00	0.04	0.00	0.03	52	6.7	6.7	6.1	8.3	0	5
28/12/2018	10:05	8.4	8.4	8.3	87	6.4	5	WSW	0.42	10	WSW	7.2	8.5	7.2	6.0	30.32	0.0	0.0	60	0.43	60	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	8.9	0	5
28/12/2018	10:10	8.6	8.6	8.4	86	6.4	5	WSW	0.42	10	WSW	7.4	8.6	7.4	6.1	30.33	0.0	0.0	56	0.40	60	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
28/12/2018	10:15	8.7	8.7	8.6	86	6.5	5	WSW	0.42	8	WSW	7.4	8.7	7.4	6.0	30.33	0.0	0.0	43	0.31	47	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
28/12/2018	10:20	8.7	8.7	8.7	86	6.5	4	SW	0.33	9	SW	7.9	8.7	7.9	7.9	30.33	0.0	0.0	54	0.39	58	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
28/12/2018	10:25	8.8	8.8	8.7	86	6.6	3	SW	0.25	9	WSW	8.4	8.8	8.4	8.6	30.34	0.0	0.0	60	0.43	65	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
28/12/2018	10:30	8.8	8.8	8.8	86	6.6	4	WSW	0.33	8	WSW	8.0	8.8	8.0	7.4	30.34	0.0	0.0	28	0.20	39	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	8.9	0	5
28/12/2018	10:35	8.8	8.8	8.8	86	6.6	6	WSW	0.50	16	W	7.3	8.8	7.3	6.6	30.33	0.0	0.0	23	0.16	25	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	8.9	0	5
28/12/2018	10:40	8.7	8.8	8.7	86	6.5	4	SSW	0.33	7	SSW	7.9	8.7	7.9	7.1	30.32	0.0	0.0	21	0.15	23	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	8.9	0	5
28/12/2018	10:45	8.7	8.8	8.7	86	6.5	3	W	0.25	8	W	8.4	8.7	8.4	7.9	30.34	0.0	0.0	33	0.24	46	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	8.9	0	5
28/12/2018	10:50	8.7	8.7	8.7	86	6.5	5	W	0.42	11	W	7.4	8.7	7.4	7.0	30.32	0.0	0.0	33	0.24	39	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.1	6.1	8.9	0	5
28/12/2018	10:55	8.7	8.7	8.6	87	6.6	7	W	0.58	15	W	6.8	8.7	6.9	8.3	30.32	0.0	0.0	124	0.89	141	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.1	6.1	8.9	0	5
28/12/2018	11:00	8.8	8.8	8.7	87	6.7	8	WNW	0.67	17	W	6.6	8.8	6.7	7.7	30.32	0.0	0.0	103	0.74	134	0	0.00	0.00	0.03	0.00	0.03	52	6.7	6.7	6.1	8.9	0	5
28/12/2018	11:05	8.9	8.9	8.8	87	6.8	8	W	0.67	13	W	6.7	8.9	6.8	6.9	30.32	0.0	0.0	56	0.40	79	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	8.9	0	5
28/12/2018	11:10	8.9	8.9	8.9	87	6.9	8	W	0.67	14	W	6.8	9.0	6.8	6.7	30.33	0.0	0.0	46	0.33	74	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.1	6.1	8.9	0	5
28/12/2018	11:15	9.1	9.1	8.9	87	7.0	9	W	0.75	16	W	6.6	9.1	6.7	6.6	30.32	0.0	0.0	50	0.36	128	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	10.0	0	5
28/12/2018	11:20	9.2	9.2	9.1	87	7.1	8	W	0.67	14	W	7.1	9.2	7.1	8.3	30.33	0.0	0.0	109	0.78	156	0	0.00	0.00	0.03	0.00	0.00	52	6.7	6.7	6.1	11.1	0	5
28/12/2018	11:25	9.3	9.3	9.2	86	7.1	7	W	0.58	15	W	7.6	9.3	7.6	8.4	30.34	0.0	0.0	86	0.62	118	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.2	6.1	10.6	0	5
28/12/2018	11:30	9.3	9.3	9.3	86	7.1	6	WSW	0.50	14	SSW	7.8	9.3	7.9	7.9	30.33	0.0	0.0	54	0.39	65	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.8	6.1	9.4	0	5
28/12/2018	11:35	9.2	9.3	9.2	86	7.0	6	W	0.50	14	W	7.8	9.3	7.8	7.6	30.34	0.0	0.0	42	0.30	46	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.8	6.1	9.4	0	5
28/12/2018	11:40	9.2	9.2	9.2	86	7.0	6	SW	0.50	12	SW	7.8	9.3	7.8	7.5	30.33	0.0	0.0	39	0.28	40	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.8	6.1	9.4	0	5
28/12/2018	11:45	9.2	9.2	9.2	87	7.1	5	SW	0.42	9	SW	8.1	9.2	8.1	7.8	30.33	0.0	0.0	40	0.29	42	0	0.00	0.00	0.03	0.00	0.00	52	6.7	7.8	6.1	9.4	0	5
28/12/2018	11:50	9.2	9.2	9.2	87	7.1	5	SW	0.42	10	SSW	8.1	9.2	8.1	7.9	30.34	0.0	0.0	43	0.31	46	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	9.4	0	5
28/12/2018	11:55	9.1	9.2	9.1	87	7.1	5	SW	0.42	11	SSW	7.9	9.2	8.0	8.1	30.34	0.0	0.0	53	0.38	63	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	9.4	0	5
28/12/2018	12:00	9.1	9.1	9.1	87	7.1	7	SW	0.58	11	WSW	7.4	9.2	7.4	8.5	30.33	0.0	0.0	98	0.70	113	0	0.00	0.00	0.03	0.00	0.05	51	6.7	8.3	6.1	10.0	0	5
28/12/2018	12:05	9.2	9.2	9.1	88	7.3	8	SW	0.67	13	SSW	7.1	9.3	7.2	8.4	30.34	0.0	0.0	111	0.80	121	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	10.0	0	5
28/12/2018	12:10	9.1	9.2	9.1	88	7.2	6	SW	0.50	12	SW	7.6	9.1	7.7	8.2	30.34	0.0	0.0	72	0.52	77	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.9	6.1	9.4	0	5
28/12/2018	12:15	8.9	9.1	8.9	89	7.2	7	SW	0.58	11	SW	7.2	9.1	7.3	7.7	30.34	0.0	0.0	67	0.48	72	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	9.4	0	5
28/12/2018	12:20	8.8	8.9	8.8	89	7.1	7	SW	0.58	13	SW	7.0	8.9	7.1	7.4	30.34	0.0	0.0	64	0.46	69	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	8.9	0	5
28/12/2018	12:25	8.7	8.8	8.7	90	7.2	7	SW	0.58	12	SW	6.9	8.8	7.0	7.2	30.34	0.0	0.0	59	0.42	69	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	8.9	0	5
28/12/2018	12:30	8.7	8.7	8.7	90	7.1	7	SW	0.58	12	WSW	6.8	8.8	6.9	6.9	30.34	0.0	0.0	49	0.35	54	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	8.9	0	5
28/12/2018	12:35	8.6	8.7	8.6	91	7.2	6	SW	0.50	12	SW	7.1	8.7	7.2	7.4	30.35	0.0	0.0	62	0.44	65	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	8.9	0	5
28/12/2018	12:40	8.6	8.6	8.6	91	7.2	7	SW	0.58	13	WSW	6.7	8.7	6.8	7.1	30.34	0.0	0.0	64	0.46	70	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	8.9	0	5
28/12/2018	12:45	8.4	8.6	8.4	92	7.2	6	SW	0.50	13	WSW	6.8	8.6	6.9	7.2	30.34	0.0	0.0	63	0.45	69	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	8.3	0	5
28/12/2018	12:50	8.4	8.4	8.4	92	7.2	6	SW	0.50	9	WSW	6.8	8.6	6.9	7.1	30.34	0.0	0.0	57	0.41	65	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	8.3	0	5
28/12/2018	12:55	8.4	8.4	8.4	92	7.2	5	SW	0.42	8	SW	7.2	8.6	7.3	7.2	30.35	0.0	0.0	46	0.33	54	0	0.00	0.00	0.03	0.00	0.00	51	6.7	8.3	6.1	8.9	0	5
28/12/2018	13:00	8.4	8.4	8.4	93	7.4	5	SW	0.42	9	SW	7.2	8.6	7.3	7.1	30.35	0.0	0.0	39	0.28	40	0	0.00	0.00	0.03	0.00	0.03	50	6.7	8.3	6.1	8.3	0	5
28/12/2018	13:05	8.4	8.4	8.4	93	7.4	5	SW	0.42	8	SW	7.2	8.6	7.3	6.8	30.35	0.0	0.0	32	0.23	39	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	8.3	0	5
28/12/2018	13:10	8.4	8.4	8.4	93	7.4	5	SW	0.42	9	SW	7.2	8.6	7.3	6.9	30.35	0.0	0.0	33	0.24	35	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	8.3	0	5
28/12/2018	13:15	8.4	8.4	8.4	93	7.4	6	SW	0.50	10	SSW	6.8	8.6	7.0	6.4	30.35	0.0	0.0	28	0.20	28	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	8.3	0	5
28/12/2018	13:20	8.4	8.4	8.4	93	7.4	4	SW	0.33	8	WSW	7.6	8.6	7.7	6.9	30.35	0.0	0.0	22	0.16	25	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	7.8	2	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
28/12/2018	13:25	8.4	8.4	8.4	93	7.3	3	SW	0.25	6	SSW	8.0	8.6	8.2	7.2	30.35	0.0	0.0	16	0.11	18	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	3	5
28/12/2018	13:30	8.4	8.4	8.4	93	7.3	4	SSW	0.33	7	SW	7.5	8.6	7.7	6.7	30.35	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	9	5
28/12/2018	13:35	8.3	8.4	8.3	93	7.3	5	SW	0.42	8	SSW	7.1	8.5	7.2	6.3	30.35	0.0	0.0	18	0.13	21	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	13	5
28/12/2018	13:40	8.3	8.4	8.3	93	7.3	5	SW	0.42	8	SSW	7.1	8.5	7.2	6.4	30.35	0.0	0.0	19	0.14	21	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	14	5
28/12/2018	13:45	8.3	8.3	8.3	94	7.4	4	SW	0.33	7	WSW	7.4	8.5	7.6	6.7	30.36	0.0	0.0	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	14	5
28/12/2018	13:50	8.3	8.3	8.3	94	7.4	4	SW	0.33	6	WSW	7.4	8.5	7.6	6.6	30.36	0.0	0.0	14	0.10	16	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
28/12/2018	13:55	8.3	8.3	8.3	94	7.4	3	SSW	0.25	6	WSW	7.9	8.5	8.1	7.2	30.36	0.0	0.0	17	0.12	18	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
28/12/2018	14:00	8.3	8.3	8.3	94	7.4	5	SW	0.42	9	SSW	7.0	8.4	7.2	6.2	30.36	0.0	0.0	13	0.09	16	0	0.00	0.00	0.04	0.00	0.03	50	6.7	7.2	6.1	7.8	15	5
28/12/2018	14:05	8.3	8.3	8.3	94	7.4	5	WSW	0.42	8	SW	7.1	8.5	7.2	5.8	30.36	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
28/12/2018	14:10	8.3	8.3	8.3	94	7.4	5	SW	0.42	8	WSW	7.1	8.5	7.2	5.8	30.36	0.0	0.0	12	0.09	14	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
28/12/2018	14:15	8.3	8.3	8.3	95	7.6	5	SSW	0.42	8	SSW	7.1	8.5	7.2	5.8	30.36	0.0	0.0	10	0.07	12	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
28/12/2018	14:20	8.3	8.3	8.3	95	7.6	5	SSW	0.42	11	SSW	7.1	8.5	7.2	5.7	30.37	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	7.8	15	5
28/12/2018	14:25	8.3	8.4	8.3	95	7.6	5	SW	0.42	9	SSW	7.1	8.5	7.2	5.7	30.37	0.0	0.0	8	0.06	9	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	8.3	15	5
28/12/2018	14:30	8.4	8.4	8.3	95	7.6	7	SSW	0.58	11	SSW	6.5	8.6	6.7	5.2	30.37	0.0	0.0	9	0.06	11	0	0.00	0.00	0.04	0.00	0.00	50	6.7	7.2	6.1	8.3	15	5
28/12/2018	14:35	8.4	8.4	8.4	95	7.7	7	SSW	0.58	11	SSW	6.6	8.6	6.7	5.3	30.37	0.0	0.0	11	0.08	12	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	8.3	15	5
28/12/2018	14:40	8.5	8.5	8.4	95	7.7	6	SSW	0.50	11	SW	6.9	8.7	7.1	5.6	30.37	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	8.9	15	5
28/12/2018	14:45	8.6	8.6	8.5	95	7.8	6	SSE	0.50	10	S	7.0	8.7	7.2	5.7	30.37	0.0	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	8.3	15	5
28/12/2018	14:50	8.6	8.6	8.6	95	7.8	5	SE	0.42	7	SSE	7.3	8.7	7.5	6.0	30.37	0.0	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	8.3	15	5
28/12/2018	14:55	8.6	8.6	8.6	95	7.9	4	SSE	0.33	8	S	7.8	8.8	7.9	6.4	30.37	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	8.3	15	5
28/12/2018	15:00	8.6	8.6	8.6	96	8.0	4	S	0.33	7	S	7.8	8.8	8.0	6.5	30.37	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	8.9	15	5
28/12/2018	15:05	8.6	8.6	8.6	96	8.0	4	SSW	0.33	8	SSW	7.8	8.8	8.0	6.5	30.37	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	8.9	15	5
28/12/2018	15:10	8.7	8.7	8.6	96	8.1	2	SW	0.17	4	SW	8.7	8.9	8.9	7.4	30.37	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	15	5
28/12/2018	15:15	8.7	8.7	8.7	96	8.1	2	SW	0.17	6	SW	8.7	8.9	8.9	7.5	30.37	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	15	5
28/12/2018	15:20	8.8	8.8	8.7	96	8.2	2	WSW	0.17	6	WSW	8.8	9.0	9.0	7.6	30.37	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	8.9	15	5
28/12/2018	15:25	8.8	8.8	8.8	96	8.2	4	WSW	0.33	6	WSW	8.1	9.1	8.3	6.8	30.37	0.0	0.0	5	0.04	7	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	8.9	15	5
28/12/2018	15:30	8.8	8.9	8.8	96	8.2	4	SW	0.33	6	SW	8.1	9.1	8.3	6.7	30.37	0.0	0.0	1	0.01	5	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	8.9	14	5
28/12/2018	15:35	8.9	8.9	8.8	95	8.1	5	S	0.42	8	S	7.7	9.1	7.9	6.4	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	8.9	13	5
28/12/2018	15:40	8.8	8.9	8.8	95	8.1	5	S	0.42	9	S	7.7	9.1	7.9	6.3	30.37	0.0	0.0	1	0.01	5	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	8.3	12	5
28/12/2018	15:45	8.8	8.8	8.8	95	8.1	4	SSW	0.33	8	SSW	8.1	9.1	8.3	6.7	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	8.3	12	5
28/12/2018	15:50	8.8	8.8	8.8	95	8.0	5	SSW	0.42	8	S	7.6	9.0	7.8	6.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	8.3	10	5
28/12/2018	15:55	8.8	8.8	8.8	95	8.0	3	S	0.25	5	S	8.4	9.0	8.7	7.1	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	8.3	8	5
28/12/2018	16:00	8.7	8.8	8.7	95	8.0	4	SSW	0.33	7	SSW	7.9	8.9	8.1	6.6	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	8.9	5	5
28/12/2018	16:05	8.7	8.8	8.7	95	8.0	4	SSW	0.33	7	SSW	7.9	8.9	8.1	6.6	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	8.9	4	5
28/12/2018	16:10	8.8	8.8	8.7	96	8.2	6	SSW	0.50	9	SSW	7.3	9.0	7.5	5.9	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	8.9	3	5
28/12/2018	16:15	8.8	8.8	8.8	96	8.2	5	SSW	0.42	9	S	7.6	9.0	7.8	6.3	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	8.9	2	5
28/12/2018	16:20	8.8	8.8	8.8	96	8.2	5	SSW	0.42	8	SSW	7.6	9.0	7.8	6.3	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	8.9	1	5
28/12/2018	16:25	8.8	8.8	8.8	95	8.1	4	SSW	0.33	7	SSW	8.1	9.1	8.3	6.7	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	8.9	0	5
28/12/2018	16:30	8.8	8.8	8.8	96	8.2	3	WSW	0.25	7	SSW	8.5	9.1	8.7	7.2	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	9.4	0	5
28/12/2018	16:35	8.9	8.9	8.8	95	8.1	4	WSW	0.33	9	WSW	8.1	9.1	8.3	6.8	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	7.2	6.1	9.4	0	5
28/12/2018	16:40	8.9	8.9	8.9	96	8.3	3	W	0.25	6	WSW	8.6	9.2	8.8	7.3	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	6.7	6.1	8.9	0	5
28/12/2018	16:45	9.0	9.0	8.9	96	8.4	3	WSW	0.25	6	WSW	8.7	9.3	8.9	7.4	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	6.7	6.1	8.9	0	5
28/12/2018	16:50	9.1	9.1	8.9	95	8.3	4	WSW	0.33	7	WSW	8.3	9.3	8.5	6.9	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	6.7	6.1	8.9	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
28/12/2018	16:55	9.1	9.1	9.1	95	8.3	5	WSW	0.42	8	W	7.9	9.3	8.1	6.6	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	6.1	6.1	8.9	0	5
28/12/2018	17:00	9.1	9.1	9.0	95	8.3	4	W	0.33	8	WSW	8.3	9.3	8.5	6.9	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	6.1	6.1	8.9	0	5
28/12/2018	17:05	9.0	9.1	9.0	95	8.2	5	W	0.42	11	W	7.8	9.2	8.1	6.5	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	6.1	6.1	8.9	0	5
28/12/2018	17:10	9.0	9.0	9.0	94	8.1	3	WSW	0.25	6	WSW	8.7	9.2	8.9	7.3	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	6.1	6.1	8.3	0	5
28/12/2018	17:15	9.0	9.0	8.9	94	8.1	1	WSW	0.08	4	WSW	9.0	9.2	9.2	7.7	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	5.6	6.1	8.3	0	5
28/12/2018	17:20	8.9	9.0	8.9	94	8.0	2	WSW	0.17	5	WSW	8.9	9.2	9.2	7.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	5.6	6.1	7.8	1	5
28/12/2018	17:25	8.8	8.9	8.8	94	7.9	3	WSW	0.25	4	WSW	8.5	9.1	8.7	7.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	7.2	5.0	6.1	7.8	1	5
28/12/2018	17:30	8.8	8.8	8.8	94	7.9	3	WSW	0.25	4	WSW	8.4	8.9	8.6	7.1	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	5.0	6.1	7.8	1	5
28/12/2018	17:35	8.7	8.8	8.7	94	7.8	3	SW	0.25	4	SW	8.4	8.9	8.6	7.0	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	5.6	6.1	7.8	1	5
28/12/2018	17:40	8.7	8.7	8.7	94	7.8	3	SW	0.25	7	SW	8.3	8.8	8.5	6.9	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	5.6	6.1	7.8	2	5
28/12/2018	17:45	8.6	8.7	8.6	94	7.7	3	SW	0.25	7	WSW	8.2	8.8	8.4	6.8	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	5.0	6.1	7.8	2	5
28/12/2018	17:50	8.6	8.6	8.6	94	7.7	2	WSW	0.17	5	WSW	8.6	8.8	8.8	7.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	5.0	6.1	7.8	2	5
28/12/2018	17:55	8.6	8.6	8.6	94	7.6	3	WSW	0.25	5	WSW	8.2	8.7	8.3	6.7	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	4.4	6.1	7.2	3	5
28/12/2018	18:00	8.5	8.6	8.5	94	7.6	3	WSW	0.25	5	WSW	8.1	8.7	8.3	6.7	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	4.4	6.1	7.2	3	5
28/12/2018	18:05	8.4	8.5	8.4	93	7.4	4	WSW	0.33	5	WSW	7.6	8.6	7.7	6.1	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	5.0	6.1	7.2	4	5
28/12/2018	18:10	8.4	8.4	8.4	94	7.5	4	SW	0.33	6	SW	7.5	8.6	7.7	6.1	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.0	6.1	7.2	4	5
28/12/2018	18:15	8.3	8.4	8.3	94	7.4	4	SW	0.33	6	SW	7.4	8.5	7.6	6.0	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.0	6.1	7.8	4	5
28/12/2018	18:20	8.3	8.3	8.3	94	7.4	5	SW	0.42	8	SW	7.0	8.4	7.2	5.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.0	6.1	7.8	6	5
28/12/2018	18:25	8.3	8.3	8.2	94	7.4	5	SW	0.42	8	SW	7.0	8.4	7.2	5.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	5.0	6.1	7.8	7	5
28/12/2018	18:30	8.3	8.3	8.2	94	7.4	4	SW	0.33	8	SW	7.4	8.4	7.6	5.9	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	4.4	6.1	7.8	7	5
28/12/2018	18:35	8.2	8.3	8.2	94	7.3	5	WSW	0.42	9	SW	6.9	8.4	7.1	5.5	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	7	5
28/12/2018	18:40	8.3	8.3	8.2	94	7.4	4	SW	0.33	8	SW	7.4	8.4	7.6	5.9	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	7	5
28/12/2018	18:45	8.2	8.2	8.2	94	7.3	5	SW	0.42	8	SW	6.9	8.4	7.1	5.5	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	8	5
28/12/2018	18:50	8.2	8.2	8.2	94	7.3	6	SW	0.50	10	SW	6.5	8.3	6.7	5.1	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	7.8	8	5
28/12/2018	18:55	8.2	8.2	8.2	94	7.3	5	SW	0.42	9	WSW	6.9	8.4	7.1	5.5	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	7.8	7	5
28/12/2018	19:00	8.2	8.2	8.2	94	7.3	6	SW	0.50	10	WSW	6.6	8.4	6.8	5.2	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	8.3	6	5
28/12/2018	19:05	8.2	8.2	8.2	94	7.3	4	WSW	0.33	8	WSW	7.3	8.4	7.5	5.9	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	5	5
28/12/2018	19:10	8.2	8.2	8.2	94	7.3	4	W	0.33	7	W	7.3	8.4	7.5	5.9	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	4	5
28/12/2018	19:15	8.2	8.2	8.2	94	7.3	4	SW	0.33	8	SW	7.3	8.4	7.5	5.9	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	4	5
28/12/2018	19:20	8.2	8.2	8.2	94	7.3	6	SW	0.50	9	SW	6.6	8.4	6.8	5.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	4	5
28/12/2018	19:25	8.2	8.2	8.2	94	7.3	5	WSW	0.42	8	SW	6.8	8.3	7.0	5.4	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	4	5
28/12/2018	19:30	8.2	8.2	8.2	94	7.3	5	SW	0.42	7	SW	6.9	8.4	7.1	5.5	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	4	5
28/12/2018	19:35	8.2	8.2	8.2	94	7.3	5	SW	0.42	10	WSW	6.9	8.4	7.1	5.5	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	4	5
28/12/2018	19:40	8.3	8.3	8.2	94	7.4	6	SW	0.50	12	WSW	6.7	8.4	6.8	5.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	8.3	3	5
28/12/2018	19:45	8.3	8.3	8.3	94	7.4	5	SW	0.42	8	SW	7.0	8.4	7.2	5.6	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	8.3	3	5
28/12/2018	19:50	8.3	8.3	8.3	94	7.4	4	SW	0.33	9	SW	7.4	8.5	7.6	6.0	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	3	5
28/12/2018	19:55	8.3	8.3	8.3	94	7.4	5	SW	0.42	12	WSW	7.1	8.5	7.2	5.6	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	7.8	3	5
28/12/2018	20:00	8.3	8.4	8.3	94	7.4	6	SW	0.50	11	WSW	6.7	8.5	6.9	5.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	4.4	6.1	8.3	2	5
28/12/2018	20:05	8.4	8.4	8.3	94	7.5	6	SW	0.50	14	WSW	6.8	8.6	6.9	5.3	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	5.0	6.1	8.3	2	5
28/12/2018	20:10	8.4	8.4	8.4	94	7.5	6	SW	0.50	11	W	6.8	8.6	7.0	5.4	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	5.0	6.1	8.3	1	5
28/12/2018	20:15	8.5	8.5	8.4	94	7.6	5	WSW	0.42	9	W	7.3	8.7	7.4	5.8	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	1	5
28/12/2018	20:20	8.5	8.5	8.5	94	7.6	5	SW	0.42	9	SW	7.3	8.7	7.4	5.8	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	5.0	6.1	8.3	1	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
28/12/2018	20:25	8.6	8.6	8.5	94	7.6	5	SW	0.42	8	WSW	7.3	8.7	7.5	5.9	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	5.0	6.1	8.3	1	5
28/12/2018	20:30	8.5	8.6	8.5	94	7.6	4	SW	0.33	9	SW	7.7	8.7	7.8	6.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	1	5
28/12/2018	20:35	8.5	8.5	8.5	94	7.6	5	SW	0.42	10	SW	7.3	8.7	7.4	5.8	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	1	5
28/12/2018	20:40	8.4	8.5	8.4	94	7.5	5	SW	0.42	14	SW	7.2	8.6	7.3	5.7	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	0	5
28/12/2018	20:45	8.4	8.5	8.4	94	7.5	5	W	0.42	10	WSW	7.2	8.6	7.3	5.7	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	0	5
28/12/2018	20:50	8.5	8.6	8.4	94	7.6	7	W	0.58	16	W	6.7	8.7	6.8	5.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	0	5
28/12/2018	20:55	8.6	8.6	8.6	94	7.7	5	W	0.42	12	W	7.4	8.8	7.6	5.9	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	5.0	6.1	8.3	0	5
28/12/2018	21:00	8.6	8.6	8.6	93	7.5	6	W	0.50	12	SSW	7.1	8.8	7.2	5.6	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	5.0	6.1	8.3	0	5
28/12/2018	21:05	8.6	8.7	8.6	93	7.5	5	WSW	0.42	12	SSW	7.4	8.8	7.6	5.9	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	5.0	6.1	8.3	0	5
28/12/2018	21:10	8.7	8.7	8.6	93	7.6	6	SW	0.50	10	SSW	7.1	8.8	7.3	5.7	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	5.0	6.1	8.3	0	5
28/12/2018	21:15	8.7	8.7	8.7	93	7.6	5	W	0.42	10	W	7.4	8.8	7.6	6.0	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	0	5
28/12/2018	21:20	8.7	8.7	8.7	93	7.6	5	WSW	0.42	9	SW	7.4	8.8	7.6	6.0	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	0	5
28/12/2018	21:25	8.7	8.7	8.7	93	7.6	4	SW	0.33	9	SW	7.8	8.8	8.0	6.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	0	5
28/12/2018	21:30	8.7	8.7	8.7	93	7.6	4	WSW	0.33	10	SSW	7.8	8.8	8.0	6.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.7	4.4	6.1	8.3	0	5
28/12/2018	21:35	8.7	8.7	8.7	93	7.6	6	W	0.50	10	W	7.1	8.8	7.3	5.7	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.3	0	5
28/12/2018	21:40	8.7	8.7	8.7	93	7.6	5	WSW	0.42	8	SW	7.4	8.8	7.6	6.0	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.3	0	5
28/12/2018	21:45	8.7	8.7	8.7	93	7.7	5	SW	0.42	9	SW	7.5	8.9	7.7	6.1	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	5.0	6.1	8.9	0	5
28/12/2018	21:50	8.7	8.7	8.7	93	7.7	4	WSW	0.33	8	SW	7.9	8.9	8.1	6.4	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.3	0	5
28/12/2018	21:55	8.7	8.7	8.7	93	7.7	6	WSW	0.50	12	SSW	7.2	8.9	7.3	5.7	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.9	0	5
28/12/2018	22:00	8.8	8.8	8.7	92	7.5	5	WSW	0.42	10	WSW	7.6	8.9	7.8	6.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	5.0	6.1	8.9	0	5
28/12/2018	22:05	8.8	8.8	8.8	92	7.5	6	W	0.50	11	W	7.3	8.9	7.4	5.8	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.3	0	5
28/12/2018	22:10	8.8	8.8	8.8	92	7.6	5	WSW	0.42	11	W	7.7	9.0	7.8	6.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	5.0	6.1	8.3	0	5
28/12/2018	22:15	8.8	8.8	8.8	92	7.6	6	SW	0.50	10	W	7.3	9.0	7.5	5.9	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.3	0	5
28/12/2018	22:20	8.8	8.8	8.8	92	7.5	6	SW	0.50	10	SW	7.3	8.9	7.4	5.8	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.3	0	5
28/12/2018	22:25	8.8	8.8	8.7	92	7.5	6	SW	0.50	10	SW	7.3	8.9	7.4	5.8	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.3	0	5
28/12/2018	22:30	8.7	8.8	8.7	92	7.5	7	SW	0.58	11	SW	6.9	8.9	7.1	5.4	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.3	0	5
28/12/2018	22:35	8.7	8.8	8.7	92	7.5	6	SW	0.50	9	WSW	7.2	8.9	7.3	5.7	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	4.4	6.1	8.3	0	5
28/12/2018	22:40	8.7	8.7	8.7	92	7.5	7	SW	0.58	11	SW	6.9	8.9	7.1	5.4	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	5.0	6.1	8.3	0	5
28/12/2018	22:45	8.8	8.8	8.7	92	7.5	7	SW	0.58	9	SW	7.0	8.9	7.2	5.6	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	5.0	6.1	8.9	0	5
28/12/2018	22:50	8.8	8.8	8.8	92	7.6	6	SW	0.50	10	SW	7.3	9.0	7.5	5.9	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	5.6	6.1	8.9	0	5
28/12/2018	22:55	8.9	8.9	8.8	92	7.7	6	SW	0.50	11	SSW	7.4	9.1	7.6	5.9	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	5.6	6.1	8.9	0	5
28/12/2018	23:00	8.9	8.9	8.9	92	7.7	5	SW	0.42	8	SW	7.8	9.1	7.9	6.3	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.1	6.1	8.9	0	5
28/12/2018	23:05	9.0	9.0	8.9	92	7.8	6	SSW	0.50	14	SW	7.5	9.2	7.7	6.1	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.1	6.1	8.9	0	5
28/12/2018	23:10	9.1	9.1	9.0	93	8.0	4	SW	0.33	12	WSW	8.3	9.2	8.4	6.9	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.1	6.1	8.9	0	5
28/12/2018	23:15	9.1	9.1	9.0	92	7.8	6	SSW	0.50	10	SSE	7.6	9.2	7.8	6.2	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.1	6.1	8.9	0	5
28/12/2018	23:20	9.1	9.1	9.1	93	8.0	5	SSW	0.42	11	SSW	7.9	9.3	8.2	6.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.7	6.1	8.9	0	5
28/12/2018	23:25	9.1	9.1	9.1	93	8.0	5	SSW	0.42	8	SSW	7.9	9.3	8.2	6.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.7	6.1	9.4	0	5
28/12/2018	23:30	9.2	9.2	9.1	93	8.1	7	SSW	0.58	14	SSW	7.4	9.4	7.7	6.1	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.7	6.1	8.9	0	5
28/12/2018	23:35	9.2	9.2	9.2	93	8.1	8	SW	0.67	14	SSW	7.1	9.4	7.3	5.8	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.7	6.1	8.9	0	5
28/12/2018	23:40	9.2	9.3	9.2	93	8.1	5	SW	0.42	10	SW	8.1	9.4	8.3	6.8	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.7	6.1	9.4	0	5
28/12/2018	23:45	9.3	9.3	9.2	93	8.2	5	SW	0.42	12	SW	8.2	9.5	8.4	6.8	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	52	6.1	6.7	6.1	9.4	0	5
28/12/2018	23:50	9.4	9.4	9.3	93	8.3	8	W	0.67	21	W	7.3	9.6	7.6	6.1	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.1	6.7	6.1	9.4	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
28/12/2018	23:55	9.5	9.5	9.4	93	8.4	9	W	0.75	19	SSW	7.1	9.7	7.3	5.9	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.1	6.7	6.1	9.4	0	5
29/12/2018	00:00	9.6	9.6	9.5	93	8.5	10	WSW	0.83	19	SW	6.9	9.8	7.2	5.8	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.1	6.7	6.1	9.4	0	5
29/12/2018	00:05	9.7	9.7	9.6	93	8.6	10	SW	0.83	19	SW	7.0	9.9	7.2	5.8	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.1	7.2	6.1	10.0	0	5
29/12/2018	00:10	9.7	9.8	9.7	93	8.6	11	WSW	0.92	19	W	6.8	9.9	7.0	5.7	30.38	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.1	7.2	6.1	9.4	0	5
29/12/2018	00:15	9.8	9.8	9.7	93	8.7	10	SW	0.83	20	SW	7.1	10.0	7.3	5.9	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.1	7.2	6.1	10.0	0	5
29/12/2018	00:20	9.8	9.8	9.8	93	8.7	14	SW	1.17	22	SW	6.2	10.0	6.4	5.2	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.1	7.2	6.1	10.0	0	5
29/12/2018	00:25	9.8	9.8	9.8	93	8.8	11	SW	0.92	18	WSW	6.9	10.1	7.1	5.8	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.1	7.2	6.1	9.4	0	5
29/12/2018	00:30	9.8	9.8	9.8	92	8.6	13	SW	1.08	24	SW	6.4	10.1	6.6	5.4	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.1	7.2	6.1	10.0	0	5
29/12/2018	00:35	9.8	9.9	9.8	92	8.6	11	SW	0.92	18	WSW	6.9	10.1	7.1	5.8	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	9.4	0	5
29/12/2018	00:40	9.8	9.8	9.8	92	8.6	13	SW	1.08	21	SW	6.4	10.1	6.6	5.4	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	9.4	0	5
29/12/2018	00:45	9.8	9.8	9.8	92	8.6	12	SW	1.00	20	WSW	6.7	10.1	6.9	5.6	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	9.4	0	5
29/12/2018	00:50	9.8	9.8	9.8	92	8.6	10	SW	0.83	21	W	7.2	10.1	7.4	6.0	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.2	6.1	9.4	0	5
29/12/2018	00:55	9.8	9.8	9.8	92	8.6	10	SW	0.83	19	WSW	7.2	10.1	7.4	6.0	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:00	9.8	9.8	9.8	92	8.6	9	SW	0.75	19	WSW	7.5	10.1	7.7	6.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	51	6.7	7.2	6.1	9.4	0	5
29/12/2018	01:05	9.8	9.8	9.8	92	8.6	9	SW	0.75	16	SSW	7.5	10.1	7.7	6.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	51	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:10	9.8	9.8	9.8	93	8.8	9	SW	0.75	15	SSW	7.5	10.1	7.7	6.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:15	9.8	9.8	9.8	93	8.7	9	SW	0.75	17	SSW	7.4	10.0	7.7	6.2	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:20	9.8	9.8	9.8	93	8.7	8	SW	0.67	18	SSW	7.8	10.0	8.0	6.5	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:25	9.8	9.8	9.8	93	8.8	8	SW	0.67	15	SSW	7.8	10.1	8.1	6.6	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:30	9.8	9.8	9.8	93	8.7	8	SW	0.67	12	SSW	7.8	10.0	8.0	6.5	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:35	9.8	9.8	9.8	93	8.7	8	SW	0.67	15	WSW	7.8	10.0	8.0	6.5	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:40	9.8	9.8	9.8	93	8.8	9	SW	0.75	17	SW	7.5	10.1	7.7	6.3	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:45	9.8	9.8	9.8	93	8.7	8	SW	0.67	12	WSW	7.8	10.0	8.0	6.5	30.37	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:50	9.8	9.8	9.8	93	8.7	8	SW	0.67	15	W	7.8	10.0	8.0	6.5	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	01:55	9.8	9.8	9.8	93	8.7	10	SW	0.83	19	SSW	7.1	10.0	7.3	5.9	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	02:00	9.8	9.8	9.8	93	8.7	7	SW	0.58	12	WSW	8.2	10.0	8.4	6.8	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	02:05	9.8	9.8	9.8	93	8.7	9	SW	0.75	20	WSW	7.4	10.0	7.7	6.2	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	10.0	0	5
29/12/2018	02:10	9.8	9.8	9.8	93	8.7	8	SW	0.67	15	WSW	7.8	10.0	8.0	6.5	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	10.0	0	5
29/12/2018	02:15	9.8	9.8	9.8	93	8.8	9	SW	0.75	17	SW	7.5	10.1	7.7	6.3	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	10.0	0	5
29/12/2018	02:20	9.8	9.8	9.8	93	8.8	6	SW	0.50	11	SSW	8.5	10.1	8.7	7.2	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	02:25	9.8	9.8	9.8	93	8.8	7	SW	0.58	16	SSW	8.2	10.1	8.4	6.9	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	02:30	9.8	9.8	9.8	93	8.8	5	SSW	0.42	9	SW	8.8	10.1	9.0	7.4	30.36	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	02:35	9.8	9.8	9.8	93	8.8	7	SSW	0.58	14	SSW	8.2	10.1	8.4	6.9	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	02:40	9.8	9.8	9.8	93	8.8	6	SSW	0.50	11	SSW	8.5	10.1	8.7	7.2	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	02:45	9.8	9.8	9.8	93	8.8	7	SSW	0.58	19	SSW	8.2	10.1	8.4	6.9	30.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	02:50	9.8	9.8	9.8	93	8.8	7	SSW	0.58	11	SSW	8.2	10.1	8.4	6.9	30.35	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	02:55	9.8	9.8	9.8	93	8.8	8	SSW	0.67	12	SSW	7.8	10.1	8.1	6.6	30.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	03:00	9.8	9.8	9.8	93	8.7	8	SSW	0.67	14	SSE	7.8	10.0	8.0	6.5	30.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	03:05	9.8	9.8	9.8	93	8.7	6	S	0.50	11	SSW	8.4	10.0	8.7	7.1	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	03:10	9.8	9.8	9.8	93	8.7	5	SSW	0.42	10	SSW	8.7	10.0	8.9	7.4	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	03:15	9.8	9.8	9.8	93	8.7	6	SSE	0.50	13	S	8.4	10.0	8.7	7.1	30.34	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	03:20	9.7	9.8	9.7	93	8.6	8	SSE	0.67	12	SSE	7.7	9.9	7.9	6.4	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
29/12/2018	03:25	9.7	9.7	9.7	93	8.6	9	S	0.75	14	S	7.4	9.9	7.6	6.2	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	03:30	9.7	9.7	9.7	93	8.6	9	SSW	0.75	14	SSW	7.3	9.9	7.6	6.1	30.33	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	03:35	9.7	9.7	9.7	93	8.6	9	S	0.75	15	WSW	7.3	9.9	7.6	6.1	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	03:40	9.6	9.7	9.6	93	8.5	8	SW	0.67	15	SSW	7.6	9.8	7.8	6.3	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	9.4	0	5
29/12/2018	03:45	9.6	9.6	9.6	93	8.5	9	SW	0.75	16	SSW	7.2	9.8	7.4	5.9	30.32	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	9.4	0	5
29/12/2018	03:50	9.6	9.6	9.6	93	8.5	9	SW	0.75	18	WSW	7.2	9.8	7.4	5.9	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	9.4	0	5
29/12/2018	03:55	9.5	9.6	9.5	93	8.4	9	SW	0.75	17	SW	7.1	9.7	7.3	5.9	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	9.4	0	5
29/12/2018	04:00	9.6	9.6	9.5	93	8.5	7	WSW	0.58	16	WSW	7.9	9.8	8.1	6.6	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	9.4	0	5
29/12/2018	04:05	9.6	9.6	9.5	93	8.5	10	SW	0.83	18	WSW	6.8	9.8	7.1	5.7	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.2	6.1	9.4	0	5
29/12/2018	04:10	9.6	9.6	9.6	93	8.5	8	SW	0.67	17	SW	7.5	9.8	7.7	6.2	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	04:15	9.6	9.6	9.6	94	8.7	9	SW	0.75	20	SSW	7.3	9.9	7.6	6.1	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	04:20	9.7	9.7	9.6	94	8.7	10	SW	0.83	17	SW	7.0	9.9	7.3	5.9	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	04:25	9.7	9.7	9.6	94	8.7	9	SW	0.75	18	W	7.3	9.9	7.6	6.2	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	7.8	6.1	9.4	0	5
29/12/2018	04:30	9.7	9.7	9.7	94	8.7	11	WSW	0.92	20	SSW	6.7	9.9	7.0	5.7	30.31	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.8	6.1	9.4	0	5
29/12/2018	04:35	9.7	9.7	9.7	94	8.7	11	SW	0.92	19	SW	6.7	9.9	7.0	5.7	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.8	6.1	9.4	0	5
29/12/2018	04:40	9.7	9.7	9.7	94	8.7	9	SW	0.75	18	WSW	7.3	9.9	7.6	6.2	30.30	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.8	6.1	9.4	0	5
29/12/2018	04:45	9.7	9.7	9.7	94	8.7	11	SW	0.92	22	SW	6.7	9.9	7.0	5.7	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.8	6.1	9.4	0	5
29/12/2018	04:50	9.7	9.7	9.6	94	8.7	11	SW	0.92	20	SSW	6.7	9.9	7.0	5.7	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.8	6.1	9.4	0	5
29/12/2018	04:55	9.6	9.7	9.6	94	8.7	13	SW	1.08	25	WSW	6.2	9.9	6.4	5.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.8	6.1	9.4	0	5
29/12/2018	05:00	9.6	9.7	9.6	94	8.7	12	SW	1.00	25	W	6.4	9.9	6.7	5.4	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	7.8	6.1	9.4	0	5
29/12/2018	05:05	9.6	9.7	9.6	94	8.7	11	WSW	0.92	21	W	6.7	9.9	6.9	5.6	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	7.8	6.1	9.4	0	5
29/12/2018	05:10	9.7	9.7	9.6	94	8.7	14	SW	1.17	27	SW	6.0	9.9	6.3	5.1	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	7.8	6.7	9.4	0	5
29/12/2018	05:15	9.7	9.7	9.6	94	8.7	12	SW	1.00	27	WSW	6.4	9.9	6.7	5.4	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	7.8	6.7	9.4	0	5
29/12/2018	05:20	9.7	9.7	9.7	94	8.7	10	WSW	0.83	17	W	7.0	9.9	7.3	5.9	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	7.8	6.7	9.4	0	5
29/12/2018	05:25	9.7	9.7	9.7	94	8.8	9	SW	0.75	18	WSW	7.4	10.0	7.7	6.2	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	7.8	6.7	9.4	0	5
29/12/2018	05:30	9.7	9.7	9.7	94	8.8	9	SW	0.75	14	SSW	7.4	10.0	7.7	6.2	30.29	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	7.8	6.7	9.4	0	5
29/12/2018	05:35	9.8	9.8	9.7	94	8.9	7	SW	0.58	14	WSW	8.2	10.1	8.4	6.9	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	8.3	6.7	9.4	0	5
29/12/2018	05:40	9.8	9.8	9.8	94	8.9	10	SW	0.83	16	WSW	7.1	10.1	7.4	6.0	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	9.4	0	5
29/12/2018	05:45	9.8	9.8	9.8	94	8.9	12	SW	1.00	18	SW	6.7	10.1	6.9	5.7	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	9.4	0	5
29/12/2018	05:50	9.8	9.8	9.8	94	8.9	11	SW	0.92	20	SW	6.9	10.1	7.2	5.9	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
29/12/2018	05:55	9.8	9.8	9.8	94	8.9	12	SW	1.00	19	SW	6.7	10.1	6.9	5.7	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
29/12/2018	06:00	9.9	9.9	9.8	94	9.0	11	SW	0.92	20	WSW	7.0	10.2	7.3	6.0	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	9.4	0	5
29/12/2018	06:05	9.9	9.9	9.9	94	9.0	11	SW	0.92	20	SW	7.0	10.2	7.3	6.0	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	9.4	0	5
29/12/2018	06:10	9.9	9.9	9.9	94	9.0	9	SW	0.75	20	SW	7.6	10.2	7.9	6.5	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	9.4	0	5
29/12/2018	06:15	9.9	9.9	9.9	94	9.0	9	WSW	0.75	17	WSW	7.6	10.2	7.9	6.5	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
29/12/2018	06:20	9.9	9.9	9.9	94	9.0	9	SW	0.75	17	SW	7.7	10.2	7.9	6.6	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
29/12/2018	06:25	10.0	10.0	9.9	94	9.1	9	SW	0.75	17	WSW	7.7	10.3	8.0	6.6	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
29/12/2018	06:30	10.1	10.1	10.0	94	9.1	10	SW	0.83	18	SSW	7.4	10.3	7.7	6.3	30.28	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
29/12/2018	06:35	10.1	10.1	10.0	94	9.1	9	SW	0.75	15	SW	7.8	10.3	8.0	6.6	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
29/12/2018	06:40	10.1	10.1	10.1	94	9.2	9	WSW	0.75	16	WSW	7.8	10.3	8.1	6.7	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
29/12/2018	06:45	10.2	10.2	10.1	94	9.3	11	WSW	0.92	18	WSW	7.3	10.4	7.6	6.3	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	06:50	10.3	10.3	10.2	94	9.4	11	SW	0.92	18	SW	7.5	10.6	7.7	6.4	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
29/12/2018	06:55	10.4	10.4	10.3	94	9.5	12	WSW	1.00	23	WSW	7.3	10.7	7.6	6.3	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	07:00	10.5	10.5	10.4	94	9.6	12	WSW	1.00	22	W	7.4	10.7	7.6	6.4	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	07:05	10.6	10.6	10.5	93	9.5	13	WSW	1.08	23	SW	7.2	10.7	7.4	6.2	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	3	5
29/12/2018	07:10	10.6	10.6	10.6	93	9.5	12	WSW	1.00	23	SW	7.5	10.8	7.7	6.4	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.0	4	5
29/12/2018	07:15	10.6	10.6	10.6	93	9.5	12	W	1.00	22	SSW	7.5	10.8	7.7	6.4	30.27	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.0	2	5
29/12/2018	07:20	10.6	10.6	10.6	93	9.5	12	W	1.00	20	W	7.5	10.8	7.7	6.4	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	07:25	10.6	10.6	10.6	93	9.5	10	WSW	0.83	16	WSW	8.1	10.8	8.3	6.9	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.0	1	5
29/12/2018	07:30	10.6	10.6	10.6	93	9.5	11	WSW	0.92	21	WSW	7.8	10.8	7.9	6.7	30.26	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	7	5
29/12/2018	07:35	10.6	10.6	10.6	93	9.5	13	WSW	1.08	23	SSW	7.3	10.8	7.4	6.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.0	3	5
29/12/2018	07:40	10.6	10.6	10.6	93	9.5	13	SW	1.08	22	W	7.3	10.8	7.4	6.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	07:45	10.7	10.7	10.6	93	9.6	14	WSW	1.17	24	W	7.2	10.8	7.3	6.2	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	07:50	10.7	10.7	10.7	93	9.6	15	W	1.25	33	WSW	7.1	10.9	7.2	6.1	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	07:55	10.8	10.8	10.7	93	9.7	15	W	1.25	25	W	7.1	10.9	7.3	6.2	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	08:00	10.8	10.8	10.8	93	9.7	14	WSW	1.17	25	W	7.3	10.9	7.4	6.3	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	08:05	10.8	10.8	10.8	93	9.7	14	W	1.17	30	W	7.4	11.0	7.6	6.4	30.23	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
29/12/2018	08:10	10.9	10.9	10.8	93	9.8	15	WSW	1.25	29	SSW	7.2	11.1	7.4	6.3	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	11.1	0	5
29/12/2018	08:15	10.9	11.0	10.9	93	9.9	12	WSW	1.00	22	SSW	7.9	11.1	8.1	6.8	30.24	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	11.1	0	5
29/12/2018	08:20	11.0	11.0	10.9	93	9.9	11	WSW	0.92	22	WSW	8.3	11.2	8.4	7.2	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.9	6.7	11.1	0	5
29/12/2018	08:25	11.1	11.1	11.0	93	10.0	10	WSW	0.83	19	WSW	8.6	11.2	8.8	7.4	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.9	6.7	11.1	0	5
29/12/2018	08:30	11.1	11.1	11.1	93	10.0	10	WSW	0.83	23	WSW	8.6	11.2	8.8	7.4	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.9	6.7	11.1	0	5
29/12/2018	08:35	11.1	11.1	11.1	93	10.0	10	SW	0.83	19	WNW	8.6	11.2	8.8	7.4	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.9	6.7	11.1	0	5
29/12/2018	08:40	11.1	11.1	11.1	93	10.0	9	WSW	0.75	19	WSW	8.9	11.2	9.1	7.7	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.9	6.7	11.1	0	5
29/12/2018	08:45	11.1	11.1	11.1	93	10.0	11	SW	0.92	27	W	8.4	11.3	8.6	7.3	30.25	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.9	6.7	11.1	0	5
29/12/2018	08:50	11.2	11.2	11.1	93	10.1	16	WSW	1.33	30	WSW	7.4	11.3	7.6	6.5	30.24	0.0	0.0	1	0.01	5	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.9	6.7	11.1	0	5
29/12/2018	08:55	11.2	11.2	11.2	93	10.1	14	WSW	1.17	27	WNW	7.7	11.3	7.9	6.8	30.24	0.0	0.0	7	0.05	9	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.9	6.7	11.1	0	5
29/12/2018	09:00	11.2	11.2	11.2	93	10.1	13	W	1.08	25	WSW	7.9	11.3	8.1	7.1	30.24	0.0	0.0	11	0.08	11	0	0.00	0.00	0.03	0.00	0.03	48	7.2	8.9	6.7	10.6	0	5
29/12/2018	09:05	11.1	11.2	11.1	93	10.0	14	W	1.17	25	W	7.7	11.3	7.8	6.8	30.24	0.0	0.0	13	0.09	16	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
29/12/2018	09:10	11.1	11.1	11.1	93	10.0	14	W	1.17	27	WSW	7.7	11.3	7.8	6.9	30.24	0.0	0.0	20	0.14	21	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
29/12/2018	09:15	11.2	11.2	11.1	93	10.1	12	W	1.00	27	W	8.2	11.3	8.3	7.4	30.24	0.0	0.0	25	0.18	28	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
29/12/2018	09:20	11.2	11.2	11.2	92	9.9	12	W	1.00	29	WNW	8.2	11.3	8.3	7.4	30.24	0.0	0.0	31	0.22	33	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
29/12/2018	09:25	11.2	11.2	11.2	92	10.0	14	W	1.17	34	W	7.8	11.4	7.9	7.1	30.24	0.0	0.0	33	0.24	35	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
29/12/2018	09:30	11.3	11.3	11.2	91	9.9	15	W	1.25	37	WNW	7.7	11.4	7.8	7.1	30.24	0.0	0.0	39	0.28	42	0	0.00	0.00	0.02	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
29/12/2018	09:35	11.4	11.4	11.3	91	10.0	18	W	1.50	37	NW	7.3	11.5	7.4	6.8	30.23	0.0	0.0	43	0.31	47	0	0.00	0.00	0.02	0.00	0.00	48	7.2	8.9	6.7	11.7	0	5
29/12/2018	09:40	11.4	11.4	11.4	90	9.9	20	W	1.67	43	W	7.1	11.5	7.2	6.6	30.24	0.0	0.0	40	0.29	42	0	0.00	0.00	0.02	0.00	0.00	48	7.2	8.9	6.7	11.7	0	5
29/12/2018	09:45	11.4	11.5	11.4	89	9.7	19	W	1.58	33	W	7.2	11.5	7.3	6.7	30.23	0.0	0.0	40	0.29	42	0	0.00	0.00	0.02	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
29/12/2018	09:50	11.5	11.5	11.4	88	9.6	20	W	1.67	47	NW	7.2	11.6	7.2	6.6	30.22	0.0	0.0	39	0.28	40	0	0.00	0.00	0.02	0.00	0.00	48	7.2	8.9	6.7	11.7	0	5
29/12/2018	09:55	11.6	11.6	11.5	88	9.6	18	W	1.50	35	NW	7.5	11.6	7.5	6.8	30.23	0.0	0.0	40	0.29	44	0	0.00	0.00	0.02	0.00	0.00	48	7.2	8.9	6.7	11.7	0	5
29/12/2018	10:00	11.6	11.6	11.5	88	9.6	22	W	1.83	39	W	7.0	11.6	7.0	6.5	30.23	0.0	0.0	51	0.37	56	0	0.00	0.00	0.02	0.00	0.05	48	7.2	8.9	6.7	11.7	0	5
29/12/2018	10:05	11.6	11.6	11.6	87	9.5	18	W	1.50	40	WNW	7.5	11.6	7.5	7.1	30.23	0.0	0.0	61	0.44	67	0	0.00	0.00	0.02	0.00	0.00	48	7.2	9.4	6.7	11.7	0	5
29/12/2018	10:10	11.6	11.6	11.6	87	9.5	18	W	1.50	32	WNW	7.5	11.6	7.5	7.1	30.23	0.0	0.0	66	0.47	67	0	0.00	0.00	0.02	0.00	0.00	48	7.2	9.4	6.7	11.7	0	5
29/12/2018	10:15	11.6	11.6	11.6	87	9.5	15	W	1.25	31	NW	8.0	11.6	8.0	7.5	30.24	0.0	0.0	64	0.46	65	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	10:20	11.6	11.6	11.6	86	9.3	19	WNW	1.58	33	WNW	7.4	11.6	7.4	7.6	30.24	0.0	0.0	62	0.44	63	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
29/12/2018	10:25	11.6	11.6	11.6	86	9.3	16	W	1.33	31	WNW	7.9	11.6	7.9	8.2	30.24	0.0	0.0	65	0.47	69	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	10:30	11.6	11.6	11.6	86	9.3	16	W	1.33	33	NW	7.9	11.6	7.9	8.3	30.26	0.0	0.0	71	0.51	72	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	10:35	11.6	11.6	11.6	86	9.3	18	W	1.50	40	WNW	7.6	11.6	7.6	7.9	30.25	0.0	0.0	70	0.50	72	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	10:40	11.6	11.6	11.6	86	9.3	17	WNW	1.42	34	WNW	7.7	11.6	7.7	8.0	30.24	0.0	0.0	65	0.47	69	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	10:45	11.6	11.6	11.6	85	9.2	16	W	1.33	36	WNW	7.9	11.6	7.8	8.1	30.24	0.0	0.0	61	0.44	63	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	10:50	11.6	11.6	11.6	85	9.2	17	W	1.42	32	WNW	7.7	11.6	7.7	7.9	30.25	0.0	0.0	64	0.46	69	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	10:55	11.6	11.6	11.6	85	9.2	19	W	1.58	38	WNW	7.4	11.6	7.4	7.8	30.25	0.0	0.0	71	0.51	72	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	11:00	11.6	11.6	11.6	85	9.2	17	W	1.42	40	WSW	7.7	11.6	7.7	7.9	30.25	0.0	0.0	65	0.47	70	0	0.00	0.00	0.02	0.00	0.08	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	11:05	11.6	11.6	11.6	85	9.2	14	WNW	1.17	24	WNW	8.2	11.6	8.2	8.3	30.27	0.0	0.0	57	0.41	62	0	0.00	0.00	0.02	0.00	0.00	49	7.8	9.4	6.7	11.7	0	5
29/12/2018	11:10	11.6	11.6	11.6	85	9.1	14	WNW	1.17	29	WNW	8.2	11.5	8.1	8.2	30.28	0.0	0.0	51	0.37	56	0	0.00	0.00	0.02	0.00	0.00	48	7.8	9.4	6.7	11.7	0	5
29/12/2018	11:15	11.6	11.6	11.6	85	9.1	14	NW	1.17	30	WNW	8.2	11.5	8.1	8.1	30.28	0.0	0.0	47	0.34	49	0	0.00	0.00	0.02	0.00	0.00	48	7.8	9.4	6.7	11.7	0	5
29/12/2018	11:20	11.6	11.6	11.6	85	9.1	15	NW	1.25	31	WNW	8.0	11.5	7.9	7.9	30.28	0.0	0.0	45	0.32	49	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	11:25	11.6	11.6	11.6	85	9.1	11	WNW	0.92	20	WNW	8.9	11.5	8.8	9.0	30.28	0.0	0.0	54	0.39	58	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	11:30	11.5	11.6	11.5	85	9.1	14	WNW	1.17	39	NW	8.1	11.4	8.1	8.2	30.28	0.0	0.0	58	0.42	69	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	11:35	11.4	11.5	11.4	85	9.0	10	NW	0.83	22	NNW	9.1	11.4	9.0	9.4	30.28	0.0	0.0	66	0.47	72	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	11:40	11.4	11.4	11.4	85	9.0	12	WNW	1.00	19	WNW	8.4	11.4	8.4	8.8	30.29	0.0	0.0	65	0.47	70	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	11:45	11.4	11.4	11.4	85	9.0	11	WNW	0.92	21	NW	8.7	11.4	8.7	9.2	30.28	0.0	0.0	71	0.51	74	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	11:50	11.3	11.4	11.3	85	8.9	8	W	0.67	23	WNW	9.7	11.3	9.7	9.9	30.29	0.0	0.0	61	0.44	63	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	11:55	11.3	11.3	11.3	85	8.9	8	WNW	0.67	17	WNW	9.7	11.3	9.7	10.1	30.30	0.0	0.0	64	0.46	65	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	12:00	11.3	11.3	11.3	85	8.8	10	NW	0.83	21	WNW	8.9	11.3	8.9	9.3	30.30	0.0	0.0	68	0.49	70	0	0.00	0.00	0.02	0.00	0.05	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	12:05	11.3	11.3	11.3	85	8.8	12	WNW	1.00	30	WNW	8.3	11.3	8.3	8.5	30.30	0.0	0.0	61	0.44	65	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	12:10	11.3	11.3	11.3	85	8.8	7	NNW	0.58	14	N	10.0	11.3	10.0	10.2	30.31	0.0	0.0	56	0.40	58	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	12:15	11.3	11.3	11.3	85	8.8	7	NW	0.58	20	NW	10.0	11.3	10.0	10.2	30.31	0.0	0.0	56	0.40	58	0	0.00	0.00	0.02	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	12:20	11.2	11.3	11.2	84	8.6	12	NW	1.00	25	NW	8.2	11.2	8.2	8.2	30.31	0.0	0.0	51	0.37	56	0	0.00	0.00	0.03	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	12:25	11.2	11.3	11.2	84	8.6	16	WNW	1.33	31	NW	7.4	11.2	7.4	7.6	30.31	0.0	0.0	61	0.44	65	0	0.00	0.00	0.03	0.00	0.00	48	7.8	10.0	6.7	11.1	0	5
29/12/2018	12:30	11.2	11.2	11.2	84	8.6	16	WNW	1.33	28	NW	7.4	11.2	7.4	7.7	30.30	0.0	0.0	66	0.47	69	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.1	0	5
29/12/2018	12:35	11.2	11.2	11.2	84	8.6	16	WNW	1.33	30	W	7.4	11.1	7.3	7.7	30.30	0.0	0.0	69	0.49	70	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.1	0	5
29/12/2018	12:40	11.2	11.2	11.2	84	8.6	15	W	1.25	27	WSW	7.6	11.1	7.5	7.9	30.29	0.0	0.0	72	0.52	77	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.1	0	5
29/12/2018	12:45	11.2	11.2	11.2	84	8.6	14	W	1.17	24	W	7.7	11.1	7.7	8.2	30.30	0.0	0.0	79	0.57	90	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.7	0	5
29/12/2018	12:50	11.2	11.2	11.2	84	8.6	14	WNW	1.17	31	WNW	7.7	11.1	7.7	8.3	30.31	0.0	0.0	83	0.59	91	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.7	0	5
29/12/2018	12:55	11.2	11.2	11.2	84	8.6	16	WNW	1.33	24	WNW	7.4	11.2	7.4	7.9	30.31	0.0	0.0	82	0.59	91	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.7	0	5
29/12/2018	13:00	11.2	11.2	11.2	84	8.6	15	NW	1.25	27	NW	7.6	11.1	7.5	8.2	30.31	0.0	0.0	86	0.62	98	0	0.00	0.00	0.03	0.00	0.08	48	7.8	9.4	6.7	11.7	0	5
29/12/2018	13:05	11.2	11.2	11.1	83	8.4	16	NW	1.33	29	NW	7.4	11.1	7.3	7.9	30.32	0.0	0.0	81	0.58	83	0	0.00	0.00	0.03	0.00	0.00	48	7.8	10.0	6.7	11.7	0	5
29/12/2018	13:10	11.1	11.2	11.1	83	8.3	18	WNW	1.50	29	NW	7.0	11.1	6.9	7.4	30.32	0.0	0.0	80	0.57	98	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.7	0	5
29/12/2018	13:15	11.1	11.1	11.1	83	8.3	18	WNW	1.50	32	NW	6.9	11.0	6.9	7.2	30.32	0.0	0.0	71	0.51	79	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.1	0	5
29/12/2018	13:20	11.0	11.1	11.0	83	8.2	23	WNW	1.92	35	NW	6.3	10.9	6.2	6.6	30.32	0.0	0.0	76	0.54	88	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.1	0	5
29/12/2018	13:25	10.9	11.0	10.9	83	8.2	17	WNW	1.42	32	NW	6.9	10.9	6.9	7.1	30.32	0.0	0.0	62	0.44	69	0	0.00	0.00	0.03	0.00	0.00	48	7.8	9.4	6.7	11.1	0	5
29/12/2018	13:30	10.8	10.9	10.8	84	8.2	17	WNW	1.42	29	WNW	6.8	10.8	6.8	6.9	30.32	0.0	0.0	56	0.40	58	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	11.1	0	5
29/12/2018	13:35	10.8	10.9	10.8	83	8.0	15	WNW	1.25	26	NW	7.1	10.7	7.1	7.2	30.31	0.0	0.0	56	0.40	58	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	11.1	0	5
29/12/2018	13:40	10.7	10.8	10.7	83	7.9	11	NW	0.92	19	NW	7.8	10.6	7.8	8.0	30.31	0.0	0.0	62	0.44	63	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	10.6	0	5
29/12/2018	13:45	10.7	10.7	10.7	82	7.7	12	NW	1.00	22	WNW	7.6	10.6	7.5	7.8	30.32	0.0	0.0	67	0.48	74	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	10.6	0	5
29/12/2018	13:50	10.7	10.7	10.6	82	7.7	6	NW	0.50	11	N	9.5	10.6	9.4	10.1	30.33	0.0	0.0	81	0.58	84	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	11.1	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
29/12/2018	13:55	10.6	10.6	10.6	81	7.5	12	NNE	1.00	21	NW	7.5	10.5	7.4	7.9	30.33	0.0	0.0	84	0.60	86	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	11.1	0	5
29/12/2018	14:00	10.6	10.6	10.6	81	7.4	11	NNW	0.92	17	NNW	7.7	10.4	7.6	8.1	30.34	0.0	0.0	78	0.56	83	0	0.00	0.00	0.03	0.00	0.08	48	7.8	8.9	6.7	11.1	0	5
29/12/2018	14:05	10.6	10.6	10.6	80	7.3	12	NNW	1.00	22	NW	7.5	10.5	7.4	6.6	30.33	0.0	0.0	67	0.48	70	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	10.6	0	5
29/12/2018	14:10	10.6	10.6	10.6	80	7.3	16	NW	1.33	26	NW	6.7	10.5	6.6	5.9	30.34	0.0	0.0	65	0.47	67	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	10.6	0	5
29/12/2018	14:15	10.6	10.6	10.6	80	7.2	15	NW	1.25	24	NW	6.8	10.4	6.7	5.9	30.33	0.0	0.0	62	0.44	65	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	10.6	0	5
29/12/2018	14:20	10.6	10.6	10.6	80	7.2	14	WNW	1.17	22	WNW	7.1	10.4	6.9	6.1	30.33	0.0	0.0	55	0.39	58	0	0.00	0.00	0.03	0.00	0.00	48	7.8	8.9	6.7	10.6	0	5
29/12/2018	14:25	10.5	10.6	10.5	80	7.2	17	NW	1.42	31	NW	6.4	10.4	6.3	5.5	30.34	0.0	0.0	50	0.36	51	0	0.00	0.00	0.03	0.00	0.00	49	7.8	8.9	6.7	10.6	0	5
29/12/2018	14:30	10.4	10.5	10.4	81	7.3	13	WNW	1.08	28	WNW	7.1	10.4	7.1	6.1	30.33	0.0	0.0	46	0.33	46	0	0.00	0.00	0.03	0.00	0.00	49	7.8	8.3	6.7	10.6	0	5
29/12/2018	14:35	10.4	10.4	10.4	81	7.3	15	WNW	1.25	30	NW	6.7	10.4	6.7	5.7	30.34	0.0	0.0	42	0.30	44	0	0.00	0.00	0.03	0.00	0.00	49	7.8	8.3	6.7	10.6	0	5
29/12/2018	14:40	10.4	10.4	10.4	81	7.3	19	WNW	1.58	35	NW	6.1	10.3	6.0	5.1	30.34	0.0	0.0	40	0.29	42	0	0.00	0.00	0.03	0.00	0.00	49	7.8	8.3	6.7	10.6	0	5
29/12/2018	14:45	10.4	10.4	10.3	81	7.3	13	WNW	1.08	24	NW	7.1	10.3	7.0	5.9	30.34	0.0	0.0	35	0.25	37	0	0.00	0.00	0.03	0.00	0.00	49	7.8	8.3	6.7	10.0	0	5
29/12/2018	14:50	10.3	10.4	10.3	81	7.2	13	WNW	1.08	28	WNW	7.0	10.3	6.9	5.8	30.35	0.0	0.0	33	0.24	33	0	0.00	0.00	0.03	0.00	0.00	49	7.8	8.3	6.7	10.0	0	5
29/12/2018	14:55	10.3	10.3	10.3	80	7.0	13	NW	1.08	24	WNW	6.9	10.2	6.9	5.7	30.36	0.0	0.0	29	0.21	30	0	0.00	0.00	0.03	0.00	0.00	49	7.8	8.3	6.7	10.0	0	5
29/12/2018	15:00	10.3	10.3	10.3	80	7.0	17	NW	1.42	29	WNW	6.2	10.2	6.2	5.1	30.36	0.0	0.0	26	0.19	26	0	0.00	0.00	0.03	0.00	0.08	49	7.8	8.3	6.7	10.0	0	5
29/12/2018	15:05	10.2	10.3	10.2	80	6.9	11	WNW	0.92	21	NW	7.3	10.2	7.3	5.9	30.37	0.0	0.0	23	0.16	23	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.8	6.7	10.0	0	5
29/12/2018	15:10	10.2	10.2	10.2	81	7.1	8	WNW	0.67	16	NW	8.3	10.2	8.3	6.8	30.37	0.0	0.0	20	0.14	21	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.8	6.7	9.4	0	5
29/12/2018	15:15	10.1	10.2	10.1	81	7.0	10	NW	0.83	19	WNW	7.5	10.1	7.5	6.1	30.37	0.0	0.0	17	0.12	18	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.8	6.7	9.4	0	5
29/12/2018	15:20	10.0	10.1	10.0	82	7.1	10	WNW	0.83	18	NW	7.4	10.0	7.4	5.9	30.37	0.0	0.0	16	0.11	16	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.8	6.7	9.4	0	5
29/12/2018	15:25	9.9	10.0	9.9	82	7.0	14	WNW	1.17	21	NW	6.3	9.9	6.3	5.1	30.37	0.0	0.0	14	0.10	14	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.8	6.7	9.4	0	5
29/12/2018	15:30	9.9	9.9	9.9	82	7.0	13	WNW	1.08	25	WNW	6.5	9.9	6.5	5.2	30.37	0.0	0.0	12	0.09	12	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.8	6.7	9.4	0	5
29/12/2018	15:35	9.8	9.9	9.8	82	6.9	10	WNW	0.83	19	NW	7.2	9.8	7.2	5.7	30.37	0.0	0.0	9	0.06	11	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.2	6.7	9.4	0	5
29/12/2018	15:40	9.8	9.8	9.7	82	6.8	10	WNW	0.83	18	NW	7.1	9.8	7.1	5.6	30.37	0.0	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.2	6.7	9.4	0	5
29/12/2018	15:45	9.7	9.7	9.7	82	6.7	6	NW	0.50	18	NW	8.3	9.7	8.3	6.6	30.39	0.0	0.0	3	0.02	5	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.2	6.7	8.9	0	5
29/12/2018	15:50	9.6	9.7	9.6	82	6.7	8	NW	0.67	16	WNW	7.6	9.6	7.6	5.9	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	7.2	6.7	8.9	0	5
29/12/2018	15:55	9.6	9.6	9.6	82	6.7	5	WNW	0.42	12	NW	8.6	9.6	8.6	6.7	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.7	6.7	8.9	0	5
29/12/2018	16:00	9.5	9.6	9.5	82	6.6	8	ENE	0.67	17	N	7.4	9.5	7.4	5.7	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	49	7.8	6.7	6.7	8.9	0	5
29/12/2018	16:05	9.4	9.5	9.4	82	6.5	6	NW	0.50	12	WNW	8.1	9.4	8.1	6.2	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.7	6.7	8.9	0	5
29/12/2018	16:10	9.4	9.4	9.4	83	6.6	8	NW	0.67	13	NNW	7.3	9.4	7.3	5.6	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.7	6.7	8.9	0	5
29/12/2018	16:15	9.3	9.4	9.3	83	6.6	7	WNW	0.58	13	NW	7.7	9.3	7.7	5.8	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	6.7	6.7	8.9	0	5
29/12/2018	16:20	9.3	9.3	9.3	83	6.5	4	W	0.33	10	NW	8.6	9.3	8.6	6.7	30.39	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	6.1	6.7	8.3	0	5
29/12/2018	16:25	9.2	9.3	9.2	83	6.5	2	W	0.17	5	W	9.2	9.2	9.2	7.4	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	6.1	6.7	8.3	0	5
29/12/2018	16:30	9.1	9.2	9.1	84	6.5	4	SW	0.33	10	SW	8.3	9.1	8.3	6.5	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	6.1	6.7	8.3	0	5
29/12/2018	16:35	9.1	9.2	9.1	84	6.5	5	SW	0.42	10	W	7.9	9.1	7.9	6.1	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	5.6	6.7	8.3	0	5
29/12/2018	16:40	8.9	9.1	8.9	84	6.4	7	NW	0.58	14	NW	7.2	8.9	7.2	5.3	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	6.1	6.7	8.3	0	5
29/12/2018	16:45	8.9	9.0	8.9	84	6.4	6	WNW	0.50	14	NW	7.4	8.9	7.4	5.6	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	6.1	6.7	8.3	0	5
29/12/2018	16:50	8.9	8.9	8.9	84	6.3	5	WNW	0.42	11	NNE	7.7	8.9	7.7	5.9	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	5.6	6.7	8.3	0	5
29/12/2018	16:55	8.8	8.9	8.8	84	6.2	4	WNW	0.33	10	NNE	8.0	8.8	8.0	6.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	5.6	6.7	7.8	0	5
29/12/2018	17:00	8.7	8.8	8.7	84	6.1	5	NNW	0.42	12	NNW	7.4	8.7	7.4	5.6	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	50	7.8	5.6	6.7	7.8	0	5
29/12/2018	17:05	8.7	8.7	8.7	84	6.1	5	WNW	0.42	10	NNW	7.4	8.7	7.4	5.6	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	5.0	6.7	7.8	0	5
29/12/2018	17:10	8.6	8.7	8.6	83	5.8	5	NW	0.42	10	WNW	7.3	8.5	7.3	5.4	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	5.0	6.7	7.8	0	5
29/12/2018	17:15	8.5	8.6	8.5	84	5.9	4	WNW	0.33	11	NW	7.7	8.5	7.7	5.8	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.8	5.0	6.7	7.8	0	5
29/12/2018	17:20	8.4	8.5	8.4	84	5.9	6	NW	0.50	15	NNW	6.8	8.4	6.8	4.9	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	5.0	6.7	7.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
29/12/2018	17:25	8.3	8.4	8.3	84	5.8	5	NW	0.42	9	NW	7.1	8.3	7.1	5.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	5.0	6.7	7.2	0	5
29/12/2018	17:30	8.3	8.3	8.3	84	5.7	5	W	0.42	11	WNW	7.0	8.3	7.0	5.1	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	5.0	6.7	7.8	0	5
29/12/2018	17:35	8.2	8.3	8.2	84	5.7	5	W	0.42	12	W	6.9	8.2	6.9	5.1	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	5.0	6.7	7.8	0	5
29/12/2018	17:40	8.2	8.3	8.2	84	5.7	4	W	0.33	9	W	7.3	8.2	7.3	5.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	5.0	6.7	7.8	0	5
29/12/2018	17:45	8.1	8.2	8.1	84	5.6	3	W	0.25	6	W	7.7	8.1	7.7	5.8	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	5.0	6.7	7.2	0	5
29/12/2018	17:50	8.1	8.2	8.1	84	5.6	6	W	0.50	13	WNW	6.4	8.1	6.4	4.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	5.0	6.7	7.8	0	5
29/12/2018	17:55	8.1	8.1	8.1	84	5.5	4	SW	0.33	13	W	7.1	8.1	7.1	5.2	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:00	8.1	8.1	8.1	85	5.7	4	WSW	0.33	10	W	7.1	8.1	7.1	5.2	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	51	7.2	5.0	6.7	7.8	0	5
29/12/2018	18:05	8.0	8.1	8.0	85	5.6	3	WSW	0.25	6	WSW	7.6	8.0	7.6	5.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:10	7.9	8.0	7.9	85	5.6	4	SW	0.33	8	WSW	7.0	7.9	7.0	5.1	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:15	7.9	7.9	7.9	85	5.5	4	WSW	0.33	10	NW	6.9	7.9	6.9	5.0	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	4.4	6.7	7.2	0	5
29/12/2018	18:20	7.9	7.9	7.9	86	5.7	7	W	0.58	15	WSW	5.9	7.9	5.9	4.0	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:25	7.8	7.9	7.8	86	5.6	8	W	0.67	16	WNW	5.5	7.8	5.5	3.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:30	7.8	7.8	7.8	86	5.6	6	W	0.50	13	W	6.1	7.8	6.1	4.2	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:35	7.8	7.8	7.8	86	5.6	6	WNW	0.50	12	W	6.1	7.8	6.1	4.2	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:40	7.7	7.8	7.7	86	5.5	6	W	0.50	13	S	6.0	7.7	6.0	4.1	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:45	7.7	7.8	7.7	86	5.5	5	W	0.42	12	W	6.3	7.7	6.3	4.4	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:50	7.7	7.7	7.7	86	5.5	6	WNW	0.50	14	WNW	5.9	7.7	5.9	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	18:55	7.7	7.7	7.7	86	5.5	8	WNW	0.67	14	W	5.3	7.7	5.3	3.6	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	19:00	7.6	7.7	7.6	87	5.6	7	W	0.58	13	WNW	5.6	7.6	5.6	3.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	51	7.2	5.0	6.7	6.7	0	5
29/12/2018	19:05	7.6	7.6	7.6	86	5.4	6	W	0.50	14	W	5.8	7.6	5.8	3.9	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	4.4	6.7	6.7	0	5
29/12/2018	19:10	7.5	7.6	7.5	87	5.5	10	WNW	0.83	18	NW	4.5	7.5	4.5	2.8	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	4.4	6.7	6.7	0	5
29/12/2018	19:15	7.5	7.5	7.4	87	5.5	9	W	0.75	17	WNW	4.8	7.5	4.8	3.1	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	19:20	7.4	7.5	7.4	87	5.4	9	W	0.75	18	WNW	4.7	7.4	4.7	3.0	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	6.7	0	5
29/12/2018	19:25	7.4	7.4	7.4	87	5.4	10	W	0.83	18	WNW	4.4	7.4	4.4	2.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	5.0	6.7	7.2	0	5
29/12/2018	19:30	7.4	7.4	7.4	87	5.4	6	W	0.50	15	WNW	5.6	7.4	5.6	3.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	4.4	6.7	6.7	0	5
29/12/2018	19:35	7.4	7.4	7.3	87	5.4	3	WSW	0.25	7	WSW	6.9	7.4	6.9	5.0	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	7.2	4.4	6.7	6.7	0	5
29/12/2018	19:40	7.3	7.4	7.3	87	5.3	3	WSW	0.25	9	NNW	6.7	7.3	6.7	4.8	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	3.9	6.7	6.1	0	5
29/12/2018	19:45	7.3	7.3	7.3	87	5.3	2	NW	0.17	6	NW	7.3	7.3	7.3	5.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	3.9	6.7	6.1	0	5
29/12/2018	19:50	7.2	7.2	7.2	87	5.1	2	NW	0.17	6	WSW	7.2	7.2	7.2	5.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	3.9	6.7	6.1	0	5
29/12/2018	19:55	7.1	7.2	7.1	87	5.1	2	SW	0.17	7	SW	7.1	7.1	7.1	5.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	3.9	6.7	6.7	0	5
29/12/2018	20:00	7.1	7.1	7.1	87	5.0	3	SSE	0.25	7	SSE	6.5	7.1	6.5	4.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	51	6.7	3.9	6.7	6.1	0	5
29/12/2018	20:05	6.9	7.1	6.9	87	4.9	6	ESE	0.50	9	ESE	5.1	6.9	5.1	3.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	3.9	6.7	6.1	0	5
29/12/2018	20:10	7.0	7.0	6.9	88	5.1	9	ESE	0.75	18	N	4.2	7.0	4.2	2.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	4.4	6.7	6.7	0	5
29/12/2018	20:15	7.1	7.1	7.0	88	5.3	12	WNW	1.00	17	NW	3.6	7.1	3.6	2.0	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	4.4	6.7	6.7	0	5
29/12/2018	20:20	7.2	7.2	7.1	88	5.4	10	WNW	0.83	17	NW	4.2	7.2	4.2	2.5	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	4.4	6.7	6.7	0	5
29/12/2018	20:25	7.3	7.3	7.2	88	5.4	7	W	0.58	14	WNW	5.2	7.3	5.2	3.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	4.4	6.7	6.7	0	5
29/12/2018	20:30	7.2	7.3	7.2	87	5.2	5	W	0.42	10	W	5.7	7.2	5.7	3.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	4.4	6.7	6.7	0	5
29/12/2018	20:35	7.2	7.2	7.2	87	5.2	3	ESE	0.25	8	ESE	6.7	7.2	6.7	4.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	3.9	6.7	6.7	0	5
29/12/2018	20:40	7.2	7.2	7.2	87	5.1	4	E	0.33	8	ESE	6.1	7.2	6.1	4.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	3.9	6.7	6.1	0	5
29/12/2018	20:45	7.1	7.2	7.1	87	5.0	3	E	0.25	7	WNW	6.5	7.1	6.5	4.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	3.9	6.7	6.1	0	5
29/12/2018	20:50	7.0	7.1	7.0	87	5.0	4	WSW	0.33	7	WSW	5.9	7.0	5.9	3.9	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.7	3.9	6.7	6.7	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
29/12/2018	20:55	7.0	7.1	7.0	87	5.0	2	W	0.17	5	W	7.0	7.0	7.0	5.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	21:00	7.0	7.0	7.0	87	5.0	2	W	0.17	3	W	7.0	7.0	7.0	5.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	52	6.7	3.3	6.7	6.1	0	5
29/12/2018	21:05	6.9	7.0	6.9	87	4.9	5	ESE	0.42	8	ESE	5.4	6.9	5.4	3.5	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	21:10	6.9	6.9	6.9	87	4.9	3	ESE	0.25	8	SSW	6.3	6.9	6.3	4.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.3	6.7	6.1	0	5
29/12/2018	21:15	6.8	6.9	6.8	87	4.8	5	SW	0.42	10	SSW	5.2	6.8	5.2	3.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	21:20	6.8	6.8	6.8	87	4.8	4	SW	0.33	9	SSW	5.6	6.8	5.6	3.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	21:25	6.7	6.8	6.7	87	4.7	6	SSW	0.50	10	SSW	4.8	6.7	4.8	2.8	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	21:30	6.7	6.8	6.7	88	4.9	5	SSW	0.42	9	SSW	5.2	6.7	5.2	3.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	21:35	6.7	6.7	6.7	88	4.9	6	SSW	0.50	9	SW	4.8	6.7	4.8	2.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	21:40	6.7	6.7	6.7	88	4.8	5	SW	0.42	9	SW	5.1	6.7	5.1	3.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.7	0	5
29/12/2018	21:45	6.7	6.7	6.7	88	4.8	6	SW	0.50	10	SW	4.7	6.7	4.7	2.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.7	0	5
29/12/2018	21:50	6.7	6.7	6.7	88	4.9	5	SW	0.42	9	SW	5.2	6.7	5.2	3.2	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.7	0	5
29/12/2018	21:55	6.7	6.7	6.7	88	4.9	5	SW	0.42	7	SW	5.2	6.7	5.2	3.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.7	0	5
29/12/2018	22:00	6.8	6.8	6.7	88	4.9	4	SW	0.33	7	SW	5.6	6.8	5.6	3.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	52	6.7	4.4	6.7	6.7	0	5
29/12/2018	22:05	6.8	6.8	6.8	88	4.9	3	SW	0.25	7	SW	6.2	6.8	6.2	4.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.7	0	5
29/12/2018	22:10	6.8	6.8	6.8	88	4.9	0	SW	0.00	1	SW	6.8	6.8	6.8	4.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	22:15	6.8	6.8	6.8	88	4.9	0	---	0.00	0	---	6.8	6.8	6.8	4.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	22:20	6.8	6.8	6.7	88	4.9	1	SW	0.08	4	SW	6.8	6.8	6.8	4.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	22:25	6.7	6.8	6.7	88	4.9	2	SW	0.17	4	SW	6.7	6.7	6.7	4.8	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	22:30	6.7	6.7	6.7	88	4.8	4	SSW	0.33	6	SSW	5.5	6.7	5.5	3.6	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	22:35	6.6	6.7	6.6	88	4.8	3	SSW	0.25	6	SSW	6.0	6.6	6.0	4.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.9	6.7	6.1	0	5
29/12/2018	22:40	6.6	6.6	6.6	88	4.7	4	SSW	0.33	6	SSW	5.4	6.6	5.4	3.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.3	6.7	5.6	0	5
29/12/2018	22:45	6.5	6.6	6.5	88	4.7	4	SSW	0.33	7	SSW	5.3	6.5	5.3	3.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.3	6.7	5.6	0	5
29/12/2018	22:50	6.4	6.5	6.4	88	4.6	5	SSW	0.42	8	SSW	4.8	6.4	4.8	2.9	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.7	3.3	6.7	5.6	0	5
29/12/2018	22:55	6.4	6.4	6.4	88	4.5	3	SSW	0.25	5	SSW	5.7	6.4	5.7	3.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	3.3	6.7	5.6	0	5
29/12/2018	23:00	6.3	6.4	6.3	88	4.5	4	SSW	0.33	6	SSW	5.1	6.3	5.1	3.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	3.3	6.7	5.0	0	5
29/12/2018	23:05	6.3	6.3	6.3	88	4.4	3	SSW	0.25	6	SSW	5.6	6.3	5.6	3.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	3.3	6.7	5.0	1	5
29/12/2018	23:10	6.2	6.3	6.2	88	4.4	5	SSW	0.42	6	SSW	4.6	6.2	4.6	2.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	3.9	6.7	5.6	0	5
29/12/2018	23:15	6.2	6.2	6.2	88	4.3	5	SSW	0.42	5	SSW	4.5	6.2	4.5	2.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	3.9	6.7	6.1	0	5
29/12/2018	23:20	6.2	6.2	6.2	89	4.5	6	SSW	0.50	9	SSW	4.2	6.2	4.2	2.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	4.4	6.7	6.1	0	5
29/12/2018	23:25	6.3	6.3	6.2	89	4.6	6	SSW	0.50	9	SSW	4.3	6.3	4.3	2.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	4.4	6.7	6.7	0	5
29/12/2018	23:30	6.3	6.4	6.3	89	4.7	5	SSW	0.42	7	SSW	4.7	6.3	4.7	2.8	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	4.4	6.7	6.7	0	5
29/12/2018	23:35	6.4	6.4	6.4	90	4.9	5	SSW	0.42	9	SSW	4.8	6.5	4.9	2.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	4.4	6.7	6.7	0	5
29/12/2018	23:40	6.5	6.5	6.4	90	5.0	4	SSW	0.33	6	SSW	5.3	6.6	5.4	3.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	4.4	6.7	6.7	0	5
29/12/2018	23:45	6.5	6.6	6.5	90	5.0	2	SSW	0.17	4	SSW	6.5	6.6	6.6	4.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	4.4	6.7	6.7	0	5
29/12/2018	23:50	6.6	6.6	6.6	90	5.0	3	SSW	0.25	5	SSW	5.9	6.6	6.0	4.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	4.4	6.7	6.7	0	5
29/12/2018	23:55	6.6	6.6	6.6	90	5.1	3	SSW	0.25	6	SSW	6.0	6.7	6.1	4.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	4.4	6.7	6.7	0	5
30/12/2018	00:00	6.6	6.6	6.6	90	5.1	6	SSW	0.50	9	SSW	4.7	6.7	4.7	2.8	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	52	6.1	5.0	6.7	7.2	0	5
30/12/2018	00:05	6.7	6.7	6.6	90	5.1	4	SSW	0.33	7	SSW	5.5	6.7	5.6	3.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.7	7.2	0	5
30/12/2018	00:10	6.8	6.8	6.7	90	5.3	2	SSW	0.17	4	SSW	6.8	6.9	6.9	5.0	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.7	7.2	0	5
30/12/2018	00:15	6.8	6.9	6.8	90	5.3	0	SSW	0.00	2	SSW	6.8	6.9	6.9	5.0	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.7	6.7	0	5
30/12/2018	00:20	6.9	6.9	6.8	90	5.4	3	SSW	0.25	7	SSW	6.3	6.9	6.3	4.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.7	6.7	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
30/12/2018	00:25	6.9	6.9	6.9	90	5.4	3	SSW	0.25	7	SSW	6.3	6.9	6.3	4.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.7	6.7	0	5
30/12/2018	00:30	6.9	6.9	6.9	90	5.4	1	SSW	0.08	3	SSW	6.9	7.0	7.0	5.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.7	7.2	0	5
30/12/2018	00:35	7.0	7.0	6.9	90	5.5	2	SSW	0.17	3	SSW	7.0	7.1	7.1	5.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.7	7.2	0	5
30/12/2018	00:40	7.1	7.1	7.0	90	5.5	3	SSW	0.25	4	SSW	6.5	7.1	6.6	4.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.7	6.7	0	5
30/12/2018	00:45	7.1	7.1	7.0	90	5.5	4	SSW	0.33	6	SSW	5.9	7.1	6.0	4.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.0	6.7	7.2	0	5
30/12/2018	00:50	7.1	7.1	7.1	90	5.6	4	SSW	0.33	6	SSW	6.1	7.2	6.1	4.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.2	0	5
30/12/2018	00:55	7.2	7.2	7.1	90	5.6	4	SSW	0.33	7	SSW	6.1	7.2	6.2	4.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.2	0	5
30/12/2018	01:00	7.3	7.3	7.2	90	5.7	4	SSW	0.33	7	SSW	6.2	7.3	6.3	4.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.8	2	5
30/12/2018	01:05	7.3	7.3	7.3	90	5.8	3	SSW	0.25	6	SSW	6.8	7.4	6.8	4.9	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.8	1	5
30/12/2018	01:10	7.4	7.4	7.3	90	5.9	2	SSW	0.17	4	SSW	7.4	7.4	7.4	5.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.8	1	5
30/12/2018	01:15	7.4	7.4	7.4	90	5.9	2	SSW	0.17	4	SSW	7.4	7.4	7.4	5.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.8	0	5
30/12/2018	01:20	7.4	7.4	7.4	90	5.9	2	SSW	0.17	4	SSW	7.4	7.5	7.5	5.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.8	0	5
30/12/2018	01:25	7.4	7.4	7.4	90	5.9	3	SSW	0.25	4	SSW	6.9	7.5	7.0	5.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.2	0	5
30/12/2018	01:30	7.5	7.5	7.4	90	6.0	3	SSW	0.25	4	SSW	7.0	7.6	7.1	5.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.8	0	5
30/12/2018	01:35	7.5	7.6	7.5	90	6.0	3	SSW	0.25	6	SSW	7.0	7.6	7.1	5.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.8	0	5
30/12/2018	01:40	7.6	7.6	7.5	90	6.0	3	SSW	0.25	8	SSW	7.1	7.6	7.1	5.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.8	1	5
30/12/2018	01:45	7.6	7.6	7.6	90	6.1	4	SSW	0.33	7	SSW	6.6	7.7	6.7	4.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	5.6	6.7	7.8	1	5
30/12/2018	01:50	7.7	7.7	7.6	90	6.1	5	SSW	0.42	7	SSW	6.3	7.7	6.3	4.5	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.7	7.8	1	5
30/12/2018	01:55	7.7	7.7	7.7	91	6.3	4	SW	0.33	6	SSW	6.7	7.7	6.7	4.9	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	51	6.1	6.1	6.7	7.8	0	5
30/12/2018	02:00	7.8	7.8	7.7	91	6.4	4	SW	0.33	6	SW	6.8	7.8	6.8	5.0	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	5.6	6.7	7.8	1	5
30/12/2018	02:05	7.8	7.8	7.7	91	6.4	5	SW	0.42	7	SW	6.4	7.8	6.4	4.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	6.1	6.7	7.2	7	5
30/12/2018	02:10	7.8	7.8	7.8	91	6.5	5	SW	0.42	9	SW	6.4	7.9	6.5	4.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	6.1	6.7	7.2	9	5
30/12/2018	02:15	7.8	7.8	7.8	91	6.5	5	SW	0.42	9	SW	6.4	7.9	6.5	4.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	6.1	6.7	7.2	14	5
30/12/2018	02:20	7.9	7.9	7.8	91	6.5	5	SW	0.42	10	SW	6.5	8.0	6.6	4.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	6.1	6.7	7.2	15	5
30/12/2018	02:25	7.9	7.9	7.9	91	6.5	7	S	0.58	11	SSW	5.9	8.0	6.0	4.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	6.1	6.7	7.2	15	5
30/12/2018	02:30	7.9	7.9	7.9	92	6.7	6	SSW	0.50	9	SSW	6.2	8.0	6.3	4.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.1	6.1	6.7	7.2	15	5
30/12/2018	02:35	7.9	7.9	7.9	92	6.7	6	SSW	0.50	11	SW	6.3	8.1	6.4	4.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.2	15	5
30/12/2018	02:40	8.0	8.0	7.9	92	6.8	6	SW	0.50	10	SW	6.3	8.1	6.4	4.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	15	5
30/12/2018	02:45	8.1	8.1	8.0	93	7.0	6	SW	0.50	10	SW	6.4	8.2	6.5	4.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	15	5
30/12/2018	02:50	8.1	8.1	8.1	93	7.0	6	SW	0.50	11	W	6.4	8.2	6.6	4.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	15	5
30/12/2018	02:55	8.1	8.1	8.1	93	7.0	7	SW	0.58	14	W	6.2	8.2	6.3	4.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	14	5
30/12/2018	03:00	8.1	8.1	8.1	93	7.0	8	SW	0.67	15	W	5.8	8.2	5.9	4.2	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	14	5
30/12/2018	03:05	8.1	8.1	8.1	93	7.0	8	SW	0.67	15	SW	5.8	8.2	5.9	4.2	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	13	5
30/12/2018	03:10	8.1	8.1	8.1	93	7.0	9	SW	0.75	17	SW	5.4	8.2	5.6	3.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	10	5
30/12/2018	03:15	8.1	8.1	8.0	93	7.0	10	WSW	0.83	17	SW	5.1	8.2	5.2	3.6	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	4	5
30/12/2018	03:20	8.0	8.1	8.0	93	6.9	9	SW	0.75	16	SW	5.3	8.1	5.4	3.8	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	2	5
30/12/2018	03:25	7.9	8.0	7.9	93	6.9	9	SW	0.75	17	WSW	5.3	8.1	5.4	3.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	0	5
30/12/2018	03:30	7.9	7.9	7.9	93	6.9	8	SW	0.67	14	WSW	5.6	8.1	5.7	4.0	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	0	5
30/12/2018	03:35	7.9	7.9	7.9	93	6.9	8	SW	0.67	15	SW	5.6	8.1	5.7	4.0	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	0	5
30/12/2018	03:40	8.0	8.0	7.9	94	7.1	8	SW	0.67	14	SW	5.7	8.2	5.8	4.1	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	0	5
30/12/2018	03:45	8.1	8.1	8.0	94	7.1	8	SW	0.67	14	SW	5.7	8.2	5.9	4.2	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	0	5
30/12/2018	03:50	8.1	8.1	8.1	94	7.2	8	SW	0.67	14	WSW	5.8	8.3	6.0	4.3	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
30/12/2018	03:55	8.1	8.1	8.1	94	7.2	9	SW	0.75	15	SW	5.5	8.3	5.7	4.0	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	7.8	0	5
30/12/2018	04:00	8.1	8.2	8.1	94	7.2	8	SW	0.67	14	WSW	5.8	8.3	6.0	4.3	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.1	6.7	7.8	0	5
30/12/2018	04:05	8.2	8.2	8.1	94	7.3	8	SW	0.67	13	WSW	5.9	8.3	6.1	4.4	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	7.8	0	5
30/12/2018	04:10	8.2	8.2	8.2	94	7.3	9	SW	0.75	15	W	5.6	8.4	5.8	4.2	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	04:15	8.3	8.3	8.2	94	7.4	9	SW	0.75	17	WSW	5.7	8.4	5.8	4.2	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	04:20	8.3	8.4	8.3	95	7.6	8	SW	0.67	18	W	6.1	8.5	6.2	4.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	04:25	8.4	8.4	8.3	95	7.6	8	WSW	0.67	16	WSW	6.1	8.6	6.3	4.6	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	04:30	8.4	8.4	8.4	95	7.7	9	SW	0.75	15	W	5.8	8.6	6.0	4.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	04:35	8.5	8.5	8.4	95	7.7	10	SW	0.83	20	W	5.7	8.7	5.8	4.3	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	04:40	8.6	8.6	8.5	95	7.9	11	SW	0.92	18	SW	5.5	8.8	5.7	4.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	04:45	8.7	8.7	8.6	95	8.0	9	SW	0.75	16	W	6.2	8.9	6.4	4.8	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	04:50	8.7	8.8	8.7	95	8.0	7	SW	0.58	15	SSW	6.9	8.9	7.1	5.3	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	04:55	8.8	8.8	8.7	95	8.0	7	SW	0.58	15	WSW	7.0	9.0	7.2	5.4	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	6.7	6.7	8.3	0	5
30/12/2018	05:00	8.8	8.8	8.8	95	8.0	6	SW	0.50	13	WSW	7.3	9.0	7.5	5.7	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.7	6.7	8.3	0	5
30/12/2018	05:05	8.9	8.9	8.8	95	8.1	6	SW	0.50	12	WSW	7.4	9.1	7.6	5.8	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.7	6.7	8.9	0	5
30/12/2018	05:10	9.0	9.0	8.9	96	8.4	6	SW	0.50	10	WSW	7.5	9.3	7.8	6.0	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.2	6.7	8.9	0	5
30/12/2018	05:15	9.1	9.1	9.0	96	8.5	5	WSW	0.42	9	W	7.9	9.4	8.2	6.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.2	6.7	8.9	0	5
30/12/2018	05:20	9.2	9.2	9.1	96	8.6	6	SW	0.50	12	WSW	7.7	9.4	8.0	6.2	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.2	6.7	9.4	0	5
30/12/2018	05:25	9.3	9.3	9.2	96	8.7	4	WSW	0.33	10	W	8.6	9.6	8.8	7.1	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.2	6.7	9.4	0	5
30/12/2018	05:30	9.4	9.4	9.3	96	8.8	5	W	0.42	12	NW	8.3	9.7	8.6	6.8	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.2	6.7	9.4	0	5
30/12/2018	05:35	9.6	9.6	9.4	96	8.9	5	W	0.42	11	W	8.4	9.8	8.7	7.0	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.2	6.7	9.4	0	5
30/12/2018	05:40	9.7	9.7	9.6	96	9.1	7	W	0.58	17	W	8.1	9.9	8.3	6.6	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.2	6.7	10.0	0	5
30/12/2018	05:45	9.8	9.8	9.6	96	9.2	9	W	0.75	19	WNW	7.5	10.1	7.8	6.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	7.8	6.7	10.0	0	5
30/12/2018	05:50	10.1	10.1	9.8	96	9.4	11	WNW	0.92	30	WNW	7.2	10.3	7.4	6.0	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	8.3	6.7	10.6	0	5
30/12/2018	05:55	10.3	10.3	10.1	96	9.7	11	WNW	0.92	30	NW	7.4	10.6	7.7	6.2	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	8.3	6.7	10.6	0	5
30/12/2018	06:00	10.3	10.3	10.3	96	9.7	10	WNW	0.83	21	WNW	7.8	10.6	8.1	6.6	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	8.3	6.7	10.6	0	5
30/12/2018	06:05	10.3	10.3	10.3	96	9.7	11	W	0.92	27	WNW	7.5	10.6	7.8	6.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	8.3	6.7	10.0	0	5
30/12/2018	06:10	10.3	10.3	10.3	96	9.7	11	W	0.92	21	NW	7.5	10.6	7.8	6.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	8.3	6.7	10.0	0	5
30/12/2018	06:15	10.3	10.3	10.3	96	9.7	12	W	1.00	27	NW	7.2	10.6	7.5	6.1	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	8.3	6.7	10.0	0	5
30/12/2018	06:20	10.3	10.3	10.3	96	9.7	12	WNW	1.00	26	NW	7.2	10.6	7.5	6.1	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	8.3	6.7	10.0	0	5
30/12/2018	06:25	10.3	10.3	10.3	95	9.6	14	WNW	1.17	22	WNW	6.8	10.6	7.0	5.7	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	8.3	6.7	10.6	0	5
30/12/2018	06:30	10.4	10.4	10.3	95	9.6	10	W	0.83	29	WNW	7.8	10.6	8.1	6.6	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	8.3	6.7	10.6	0	5
30/12/2018	06:35	10.4	10.4	10.4	95	9.6	9	W	0.75	26	WNW	8.2	10.6	8.4	6.8	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	06:40	10.4	10.4	10.4	94	9.5	14	WNW	1.17	27	WNW	6.9	10.7	7.2	5.8	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	8.3	6.7	10.6	0	5
30/12/2018	06:45	10.5	10.5	10.4	94	9.6	11	W	0.92	27	W	7.7	10.7	7.9	6.4	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	8.3	6.7	10.6	0	5
30/12/2018	06:50	10.5	10.5	10.4	94	9.6	9	W	0.75	22	WSW	8.3	10.7	8.6	7.0	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.0	0	5
30/12/2018	06:55	10.6	10.6	10.5	94	9.6	9	W	0.75	20	W	8.4	10.8	8.6	7.1	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:00	10.6	10.6	10.6	94	9.7	12	W	1.00	23	W	7.5	10.8	7.7	6.3	30.40	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:05	10.7	10.7	10.6	94	9.8	11	W	0.92	27	WNW	7.9	10.9	8.2	6.7	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:10	10.7	10.8	10.7	93	9.6	10	W	0.83	18	W	8.2	10.9	8.4	6.9	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:15	10.7	10.8	10.7	93	9.6	10	WSW	0.83	17	W	8.2	10.9	8.4	6.9	30.41	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:20	10.7	10.7	10.7	93	9.6	9	W	0.75	19	W	8.6	10.9	8.7	7.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
30/12/2018	07:25	10.7	10.7	10.7	93	9.6	5	SW	0.42	11	W	9.8	10.8	9.9	8.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:30	10.7	10.7	10.7	93	9.6	5	SW	0.42	13	W	9.8	10.8	9.9	8.2	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.0	0	5
30/12/2018	07:35	10.6	10.7	10.6	93	9.5	4	W	0.33	9	WSW	10.1	10.8	10.2	8.5	30.42	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:40	10.6	10.6	10.6	93	9.5	2	S	0.17	5	S	10.6	10.8	10.8	9.1	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:45	10.6	10.6	10.6	93	9.5	5	S	0.42	14	SSW	9.7	10.7	9.8	8.1	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:50	10.6	10.6	10.6	93	9.5	4	SSW	0.33	10	W	10.0	10.7	10.2	8.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	10.6	0	5
30/12/2018	07:55	10.6	10.6	10.6	93	9.5	4	SSW	0.33	10	S	10.0	10.7	10.2	8.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.6	0	5
30/12/2018	08:00	10.5	10.6	10.5	93	9.4	4	SSW	0.33	10	W	9.9	10.7	10.1	8.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
30/12/2018	08:05	10.5	10.5	10.5	93	9.4	4	WNW	0.33	10	NW	9.9	10.7	10.1	8.4	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
30/12/2018	08:10	10.4	10.5	10.4	93	9.4	2	SW	0.17	5	WSW	10.4	10.6	10.6	8.9	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
30/12/2018	08:15	10.4	10.5	10.4	93	9.4	1	SW	0.08	4	SW	10.4	10.6	10.6	8.9	30.43	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
30/12/2018	08:20	10.4	10.4	10.4	93	9.4	5	W	0.42	11	W	9.6	10.6	9.7	8.1	30.44	0.0	0.0	7	0.05	11	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.6	0	5
30/12/2018	08:25	10.4	10.4	10.4	93	9.4	6	WNW	0.50	13	WNW	9.3	10.6	9.4	7.9	30.44	0.0	0.0	12	0.09	12	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
30/12/2018	08:30	10.4	10.4	10.4	93	9.4	6	SW	0.50	13	W	9.3	10.6	9.4	7.8	30.44	0.0	0.0	11	0.08	11	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
30/12/2018	08:35	10.4	10.4	10.4	93	9.4	6	W	0.50	10	W	9.3	10.6	9.4	7.8	30.43	0.0	0.0	11	0.08	12	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
30/12/2018	08:40	10.4	10.4	10.4	93	9.3	3	S	0.25	8	SSW	10.3	10.6	10.4	8.9	30.44	0.0	0.0	15	0.11	18	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.0	0	5
30/12/2018	08:45	10.4	10.4	10.4	93	9.3	5	SSE	0.42	15	SSW	9.4	10.6	9.6	8.1	30.44	0.0	0.0	19	0.14	21	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.6	0	5
30/12/2018	08:50	10.4	10.4	10.4	93	9.3	3	SSE	0.25	7	S	10.3	10.6	10.4	9.0	30.43	0.0	0.0	24	0.17	26	0	0.00	0.00	0.03	0.00	0.00	49	7.2	7.8	6.7	10.6	0	5
30/12/2018	08:55	10.4	10.4	10.4	94	9.5	3	S	0.25	9	S	10.3	10.6	10.5	9.2	30.44	0.0	0.0	28	0.20	30	0	0.00	0.00	0.03	0.00	0.00	49	7.2	8.3	6.7	10.6	0	5
30/12/2018	09:00	10.4	10.4	10.4	94	9.5	8	SW	0.67	14	SSW	8.6	10.7	8.8	7.6	30.44	0.0	0.0	32	0.23	32	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.3	6.7	10.6	0	5
30/12/2018	09:05	10.5	10.5	10.4	93	9.4	5	SW	0.42	12	SSE	9.6	10.7	9.8	8.4	30.44	0.0	0.0	33	0.24	33	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.3	6.7	10.6	0	5
30/12/2018	09:10	10.5	10.5	10.5	93	9.4	5	NW	0.42	14	SSW	9.6	10.7	9.8	8.6	30.44	0.0	0.0	42	0.30	46	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	10.6	0	5
30/12/2018	09:15	10.6	10.6	10.5	93	9.5	4	SSW	0.33	11	WNW	10.0	10.7	10.2	8.9	30.44	0.0	0.0	39	0.28	42	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
30/12/2018	09:20	10.6	10.6	10.6	93	9.5	4	N	0.33	11	E	10.1	10.8	10.2	8.9	30.44	0.0	0.0	36	0.26	39	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
30/12/2018	09:25	10.6	10.7	10.6	93	9.5	2	S	0.17	4	ESE	10.6	10.8	10.8	9.5	30.45	0.0	0.0	34	0.24	37	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
30/12/2018	09:30	10.8	10.8	10.6	94	9.9	4	E	0.33	16	WNW	10.3	11.1	10.6	9.3	30.45	0.0	0.0	35	0.25	39	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
30/12/2018	09:35	11.1	11.1	10.9	93	10.0	6	W	0.50	17	W	9.9	11.2	10.1	8.9	30.45	0.0	0.0	42	0.30	44	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
30/12/2018	09:40	11.3	11.4	11.1	91	9.9	7	W	0.58	17	WNW	10.0	11.4	10.1	8.9	30.44	0.0	0.0	38	0.27	42	0	0.00	0.00	0.02	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
30/12/2018	09:45	11.0	11.3	11.0	91	9.6	7	W	0.58	17	W	9.7	11.1	9.8	8.6	30.45	0.0	0.0	43	0.31	44	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
30/12/2018	09:50	10.9	11.0	10.9	91	9.5	7	W	0.58	18	W	9.6	11.1	9.7	8.6	30.44	0.0	0.0	47	0.34	51	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
30/12/2018	09:55	10.9	10.9	10.9	91	9.5	12	WNW	1.00	26	WNW	7.9	11.1	8.0	7.2	30.44	0.0	0.0	57	0.41	62	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	11.1	0	5
30/12/2018	10:00	11.0	11.0	10.9	91	9.6	12	WNW	1.00	23	WNW	8.0	11.1	8.1	7.4	30.44	0.0	0.0	66	0.47	69	0	0.00	0.00	0.03	0.00	0.03	48	7.2	9.4	6.7	11.1	0	5
30/12/2018	10:05	11.1	11.1	10.9	91	9.6	13	WNW	1.08	29	WNW	7.8	11.2	7.9	7.3	30.45	0.0	0.0	76	0.54	83	0	0.00	0.00	0.03	0.00	0.00	48	7.2	9.4	6.7	11.1	0	5
30/12/2018	10:10	11.1	11.1	11.0	91	9.6	13	WNW	1.08	25	WNW	7.8	11.2	7.9	7.4	30.45	0.0	0.0	87	0.62	90	0	0.00	0.00	0.03	0.00	0.00	48	7.2	9.4	6.7	11.7	0	5
30/12/2018	10:15	11.1	11.1	11.1	91	9.6	10	W	0.83	21	WNW	8.6	11.2	8.7	8.2	30.45	0.0	0.0	93	0.67	95	0	0.00	0.00	0.03	0.00	0.00	48	7.2	10.0	6.7	11.7	0	5
30/12/2018	10:20	11.1	11.1	11.1	91	9.7	10	W	0.83	21	WNW	8.7	11.2	8.8	9.5	30.45	0.0	0.0	91	0.65	93	0	0.00	0.00	0.03	0.00	0.00	47	7.2	10.0	6.7	11.7	0	5
30/12/2018	10:25	11.1	11.1	11.1	91	9.7	9	W	0.75	23	W	9.0	11.2	9.1	9.8	30.45	0.0	0.0	86	0.62	88	0	0.00	0.00	0.03	0.00	0.00	47	7.2	10.0	6.7	11.7	0	5
30/12/2018	10:30	11.1	11.2	11.1	91	9.7	11	W	0.92	19	W	8.4	11.2	8.5	9.3	30.45	0.0	0.0	96	0.69	128	0	0.00	0.00	0.03	0.00	0.00	47	7.2	10.0	6.7	11.7	0	5
30/12/2018	10:35	11.2	11.2	11.1	90	9.6	8	W	0.67	17	NW	9.4	11.3	9.6	10.2	30.45	0.0	0.0	79	0.57	84	0	0.00	0.00	0.03	0.00	0.00	47	7.2	10.0	6.7	11.7	0	5
30/12/2018	10:40	11.2	11.2	11.1	90	9.6	5	W	0.42	10	NNW	10.4	11.3	10.5	11.2	30.45	0.0	0.0	77	0.55	81	0	0.00	0.00	0.03	0.00	0.00	47	7.2	10.0	6.7	11.7	0	5
30/12/2018	10:45	11.1	11.2	11.1	90	9.5	4	W	0.33	10	NNW	10.7	11.2	10.8	11.2	30.46	0.0	0.0	64	0.46	67	0	0.00	0.00	0.03	0.00	0.00	47	7.2	10.0	6.7	11.7	0	5
30/12/2018	10:50	11.1	11.2	11.1	90	9.5	3	SSW	0.25	7	SSW	11.1	11.2	11.2	11.4	30.46	0.0	0.0	59	0.42	63	0	0.00	0.00	0.03	0.00	0.00	47	7.2	10.0	6.7	11.7	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
30/12/2018	10:55	11.1	11.2	11.1	90	9.5	3	WNW	0.25	8	NW	11.1	11.2	11.2	11.4	30.45	0.0	0.0	56	0.40	58	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	11.7	0	5
30/12/2018	11:00	11.1	11.1	11.1	91	9.6	3	W	0.25	10	WNW	11.0	11.2	11.1	11.5	30.46	0.0	0.0	62	0.44	65	0	0.00	0.00	0.03	0.00	0.05	47	7.2	9.4	6.7	11.7	0	5
30/12/2018	11:05	11.1	11.1	11.1	91	9.6	7	WNW	0.58	21	SSW	9.7	11.2	9.8	10.3	30.46	0.0	0.0	67	0.48	79	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	11.7	0	5
30/12/2018	11:10	11.0	11.1	11.0	91	9.6	8	WSW	0.67	17	SW	9.3	11.1	9.4	9.9	30.46	0.0	0.0	70	0.50	77	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	11.1	0	5
30/12/2018	11:15	10.9	11.0	10.9	91	9.5	9	W	0.75	22	WNW	8.8	11.1	8.9	9.3	30.45	0.0	0.0	65	0.47	67	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	11.1	0	5
30/12/2018	11:20	10.9	10.9	10.9	92	9.6	8	W	0.67	17	W	9.1	11.1	9.3	9.7	30.46	0.0	0.0	65	0.47	67	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	11.1	0	5
30/12/2018	11:25	10.9	10.9	10.9	92	9.6	9	W	0.75	18	W	8.8	11.1	8.9	9.5	30.46	0.0	0.0	73	0.52	74	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	11:30	10.9	10.9	10.9	92	9.6	6	W	0.50	13	NW	9.8	11.1	9.9	10.6	30.46	0.0	0.0	73	0.52	74	0	0.00	0.00	0.03	0.00	0.00	47	7.8	10.0	6.7	11.1	0	5
30/12/2018	11:35	10.9	10.9	10.9	92	9.6	7	WNW	0.58	17	WNW	9.5	11.1	9.7	10.2	30.46	0.0	0.0	69	0.49	72	0	0.00	0.00	0.03	0.00	0.00	47	7.8	10.0	6.7	11.1	0	5
30/12/2018	11:40	10.9	10.9	10.9	93	9.8	6	WNW	0.50	13	NW	9.8	11.1	9.9	10.6	30.46	0.0	0.0	73	0.52	76	0	0.00	0.00	0.03	0.00	0.00	47	7.8	10.0	6.7	11.1	0	5
30/12/2018	11:45	10.9	10.9	10.9	93	9.8	5	W	0.42	16	N	10.1	11.1	10.2	10.4	30.46	0.0	0.0	56	0.40	65	0	0.00	0.00	0.03	0.00	0.00	47	7.8	10.0	6.7	11.1	0	5
30/12/2018	11:50	10.8	10.9	10.8	93	9.7	6	WNW	0.50	16	W	9.7	11.0	9.9	10.1	30.46	0.0	0.0	55	0.39	58	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	11:55	10.9	10.9	10.8	92	9.6	10	WNW	0.83	18	WNW	8.4	11.1	8.6	8.8	30.45	0.0	0.0	58	0.42	60	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:00	10.9	10.9	10.8	92	9.6	6	W	0.50	17	WNW	9.8	11.1	9.9	10.2	30.45	0.0	0.0	57	0.41	58	0	0.00	0.00	0.03	0.00	0.05	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:05	10.9	10.9	10.8	92	9.6	4	WNW	0.33	10	WNW	10.4	11.1	10.6	10.8	30.45	0.0	0.0	56	0.40	63	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:10	10.9	10.9	10.9	92	9.6	8	W	0.67	13	WSW	9.1	11.1	9.3	9.6	30.45	0.0	0.0	61	0.44	65	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:15	10.9	10.9	10.9	93	9.8	8	W	0.67	17	WNW	9.1	11.1	9.3	9.7	30.45	0.0	0.0	63	0.45	65	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:20	10.8	10.9	10.8	93	9.7	9	W	0.75	21	W	8.7	11.0	8.9	9.3	30.45	0.0	0.0	67	0.48	70	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:25	10.8	10.8	10.8	93	9.7	12	W	1.00	21	WNW	7.7	10.9	7.9	8.4	30.45	0.0	0.0	72	0.52	74	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:30	10.8	10.8	10.8	93	9.7	11	W	0.92	24	W	8.0	10.9	8.2	8.6	30.45	0.0	0.0	67	0.48	69	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:35	10.8	10.8	10.7	93	9.7	9	W	0.75	18	W	8.6	10.9	8.8	9.1	30.45	0.0	0.0	58	0.42	62	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:40	10.7	10.8	10.7	93	9.6	9	W	0.75	18	NW	8.6	10.9	8.7	8.8	30.45	0.0	0.0	52	0.37	60	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:45	10.7	10.7	10.7	93	9.6	9	SW	0.75	16	WSW	8.5	10.8	8.7	8.5	30.45	0.0	0.0	41	0.29	44	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:50	10.7	10.7	10.7	93	9.6	11	W	0.92	19	W	7.8	10.8	8.0	8.1	30.44	0.0	0.0	51	0.37	63	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	12:55	10.7	10.7	10.7	93	9.6	11	W	0.92	21	WSW	7.8	10.8	8.0	8.2	30.44	0.0	0.0	56	0.40	67	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	13:00	10.6	10.7	10.6	93	9.5	9	W	0.75	20	W	8.4	10.8	8.6	8.9	30.44	0.0	0.0	61	0.44	72	0	0.00	0.00	0.03	0.00	0.05	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	13:05	10.7	10.7	10.6	93	9.6	8	W	0.67	21	W	8.8	10.8	9.0	9.5	30.44	0.0	0.0	71	0.51	88	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	11.1	0	5
30/12/2018	13:10	10.7	10.7	10.6	93	9.6	6	W	0.50	16	WNW	9.5	10.8	9.7	10.3	30.45	0.0	0.0	74	0.53	84	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	13:15	10.6	10.7	10.6	93	9.5	8	W	0.67	18	WNW	8.8	10.8	8.9	9.4	30.45	0.0	0.0	68	0.49	77	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	13:20	10.7	10.7	10.6	93	9.6	10	WNW	0.83	18	WNW	8.2	10.8	8.3	9.3	30.45	0.0	0.0	97	0.70	132	0	0.00	0.00	0.03	0.00	0.00	47	7.8	10.0	6.7	11.1	0	5
30/12/2018	13:25	10.7	10.7	10.7	93	9.6	9	WNW	0.75	17	WNW	8.5	10.8	8.7	9.3	30.45	0.0	0.0	75	0.54	84	0	0.00	0.00	0.03	0.00	0.00	47	7.8	10.0	6.7	11.1	0	5
30/12/2018	13:30	10.7	10.7	10.7	93	9.6	9	NW	0.75	18	NW	8.5	10.8	8.7	8.9	30.45	0.0	0.0	55	0.39	58	0	0.00	0.00	0.03	0.00	0.00	47	7.8	10.0	6.7	11.1	0	5
30/12/2018	13:35	10.7	10.7	10.7	93	9.6	10	WNW	0.83	17	W	8.2	10.8	8.3	8.4	30.45	0.0	0.0	48	0.34	58	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	13:40	10.6	10.7	10.6	93	9.5	9	WNW	0.75	18	WNW	8.4	10.8	8.6	8.7	30.45	0.0	0.0	48	0.34	51	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	10.6	0	5
30/12/2018	13:45	10.6	10.6	10.6	93	9.5	6	W	0.50	16	WNW	9.4	10.8	9.6	9.8	30.45	0.0	0.0	54	0.39	67	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	10.6	0	5
30/12/2018	13:50	10.6	10.6	10.6	93	9.5	5	W	0.42	12	WNW	9.7	10.8	9.9	10.3	30.45	0.0	0.0	67	0.48	90	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	13:55	10.6	10.7	10.6	92	9.4	7	W	0.58	13	WNW	9.2	10.8	9.3	9.1	30.45	0.0	0.0	37	0.27	46	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	11.1	0	5
30/12/2018	14:00	10.7	10.7	10.6	92	9.4	9	WNW	0.75	18	WNW	8.5	10.8	8.7	8.3	30.45	0.0	0.0	31	0.22	33	0	0.00	0.00	0.03	0.00	0.05	47	7.8	8.9	6.7	10.6	0	5
30/12/2018	14:05	10.6	10.7	10.6	92	9.4	8	W	0.67	21	W	8.8	10.8	8.9	7.8	30.45	0.0	0.0	32	0.23	33	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.3	6.7	10.6	0	5
30/12/2018	14:10	10.6	10.6	10.6	92	9.3	7	W	0.58	20	WNW	9.1	10.7	9.3	8.2	30.45	0.0	0.0	40	0.29	47	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.6	0	5
30/12/2018	14:15	10.6	10.6	10.6	92	9.4	11	WNW	0.92	20	NNW	7.8	10.8	7.9	7.3	30.45	0.0	0.0	63	0.45	70	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	11.1	0	5
30/12/2018	14:20	10.6	10.6	10.6	92	9.4	11	WNW	0.92	22	WNW	7.8	10.8	7.9	7.2	30.46	0.0	0.0	57	0.41	69	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	10.6	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
30/12/2018	14:25	10.6	10.6	10.6	92	9.4	9	WNW	0.75	19	WNW	8.4	10.8	8.6	7.9	30.46	0.0	0.0	67	0.48	70	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	14:30	10.6	10.6	10.6	92	9.4	8	W	0.67	19	WNW	8.8	10.8	8.9	8.3	30.46	0.0	0.0	66	0.47	74	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	11.1	0	5
30/12/2018	14:35	10.6	10.6	10.6	92	9.3	9	WNW	0.75	16	NW	8.4	10.7	8.6	7.7	30.46	0.0	0.0	43	0.31	46	0	0.00	0.00	0.03	0.00	0.00	47	7.8	9.4	6.7	10.6	0	5
30/12/2018	14:40	10.4	10.6	10.4	92	9.2	11	WNW	0.92	24	NW	7.6	10.6	7.8	6.8	30.46	0.0	0.0	35	0.25	40	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.6	0	5
30/12/2018	14:45	10.4	10.4	10.4	92	9.2	9	WNW	0.75	16	WNW	8.3	10.6	8.4	7.6	30.46	0.0	0.0	44	0.32	46	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.6	0	5
30/12/2018	14:50	10.4	10.4	10.4	92	9.1	6	W	0.50	13	W	9.2	10.6	9.3	8.4	30.46	0.0	0.0	48	0.34	51	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.6	0	5
30/12/2018	14:55	10.4	10.4	10.4	92	9.1	4	W	0.33	9	WNW	9.8	10.6	10.0	8.9	30.46	0.0	0.0	37	0.27	42	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.6	0	5
30/12/2018	15:00	10.4	10.4	10.4	92	9.1	8	W	0.67	16	WNW	8.5	10.6	8.7	7.6	30.47	0.0	0.0	35	0.25	37	0	0.00	0.00	0.03	0.00	0.03	47	7.8	8.9	6.7	10.6	0	5
30/12/2018	15:05	10.4	10.4	10.4	92	9.1	9	W	0.75	15	WNW	8.2	10.6	8.3	7.3	30.46	0.0	0.0	32	0.23	35	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.6	0	5
30/12/2018	15:10	10.4	10.4	10.4	92	9.1	6	W	0.50	16	W	9.2	10.6	9.3	8.1	30.46	0.0	0.0	21	0.15	28	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.6	0	5
30/12/2018	15:15	10.3	10.4	10.3	92	9.1	3	W	0.25	10	WNW	10.2	10.5	10.4	8.9	30.47	0.0	0.0	11	0.08	12	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.9	6.7	10.0	0	5
30/12/2018	15:20	10.3	10.3	10.3	92	9.1	5	WNW	0.42	12	WNW	9.4	10.5	9.6	8.1	30.47	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.3	6.7	10.0	0	5
30/12/2018	15:25	10.3	10.3	10.3	92	9.1	3	NW	0.25	8	WNW	10.2	10.5	10.4	8.9	30.47	0.0	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.3	6.7	10.0	0	5
30/12/2018	15:30	10.3	10.3	10.3	92	9.1	2	WNW	0.17	4	WNW	10.3	10.5	10.5	9.0	30.47	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.3	6.7	10.0	0	5
30/12/2018	15:35	10.3	10.3	10.3	91	8.9	2	SW	0.17	5	SW	10.3	10.4	10.4	8.9	30.47	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.3	6.7	10.0	0	5
30/12/2018	15:40	10.2	10.3	10.2	91	8.8	4	SW	0.33	14	W	9.6	10.3	9.7	8.2	30.47	0.0	0.0	3	0.02	5	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.3	6.7	10.0	0	5
30/12/2018	15:45	10.2	10.2	10.2	91	8.8	5	WNW	0.42	12	NW	9.3	10.4	9.4	7.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	8.3	6.7	10.0	0	5
30/12/2018	15:50	10.2	10.2	10.2	91	8.8	5	WSW	0.42	10	SW	9.2	10.3	9.4	7.8	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	7.8	6.7	10.0	0	5
30/12/2018	15:55	10.2	10.2	10.2	91	8.8	3	WNW	0.25	7	SSW	10.0	10.3	10.2	8.6	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	7.8	6.7	10.0	0	5
30/12/2018	16:00	10.1	10.2	10.1	91	8.7	2	SW	0.17	6	SSW	10.1	10.2	10.2	8.6	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	7.8	6.7	9.4	0	5
30/12/2018	16:05	9.9	10.1	9.9	90	8.4	5	W	0.42	16	W	8.9	10.1	9.1	7.5	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	7.2	6.7	9.4	0	5
30/12/2018	16:10	9.9	9.9	9.9	90	8.3	5	W	0.42	16	W	8.9	10.1	9.1	7.4	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	7.2	6.7	9.4	0	5
30/12/2018	16:15	9.8	9.9	9.8	90	8.2	6	WNW	0.50	15	W	8.4	9.9	8.6	7.0	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.8	7.2	6.7	9.4	0	5
30/12/2018	16:20	9.7	9.8	9.7	90	8.1	6	NW	0.50	14	WNW	8.3	9.8	8.5	6.9	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	6.7	9.4	0	5
30/12/2018	16:25	9.6	9.7	9.6	90	8.1	10	W	0.83	24	W	6.9	9.8	7.1	5.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	6.7	9.4	0	5
30/12/2018	16:30	9.6	9.7	9.6	90	8.0	7	W	0.58	20	W	7.9	9.7	8.1	6.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	6.7	8.9	0	5
30/12/2018	16:35	9.6	9.6	9.6	91	8.2	10	W	0.83	19	WNW	6.8	9.7	7.0	5.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	6.7	8.9	0	5
30/12/2018	16:40	9.6	9.6	9.6	91	8.2	8	W	0.67	19	W	7.5	9.7	7.7	6.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	6.7	6.7	8.9	0	5
30/12/2018	16:45	9.6	9.6	9.5	91	8.2	12	W	1.00	24	W	6.3	9.7	6.5	5.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	6.7	9.4	0	5
30/12/2018	16:50	9.6	9.6	9.5	91	8.2	11	W	0.92	26	WNW	6.6	9.7	6.7	5.3	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	16:55	9.6	9.6	9.6	91	8.2	15	W	1.25	30	WNW	5.8	9.8	5.9	4.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	17:00	9.6	9.6	9.6	91	8.2	12	W	1.00	29	WNW	6.3	9.7	6.5	5.2	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	17:05	9.6	9.6	9.6	90	8.0	14	W	1.17	27	WNW	5.9	9.7	6.1	4.8	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	17:10	9.6	9.6	9.6	90	8.0	13	W	1.08	27	W	6.1	9.7	6.2	4.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	8.9	0	5
30/12/2018	17:15	9.6	9.6	9.6	90	8.0	13	W	1.08	25	NW	6.1	9.7	6.2	4.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	17:20	9.6	9.6	9.6	90	8.0	12	W	1.00	25	W	6.3	9.7	6.5	5.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	8.9	0	5
30/12/2018	17:25	9.6	9.6	9.6	90	8.0	14	W	1.17	24	NW	5.9	9.7	6.1	4.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	8.9	0	5
30/12/2018	17:30	9.5	9.6	9.5	90	7.9	11	W	0.92	26	NW	6.5	9.7	6.7	5.3	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	6.7	7.2	8.9	0	5
30/12/2018	17:35	9.6	9.6	9.5	90	8.0	13	W	1.08	29	WNW	6.1	9.7	6.2	4.9	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	17:40	9.6	9.6	9.6	90	8.1	12	W	1.00	22	WNW	6.4	9.8	6.6	5.2	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	17:45	9.6	9.6	9.6	90	8.1	13	W	1.08	24	WNW	6.2	9.8	6.3	5.1	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	6.7	7.2	9.4	0	5
30/12/2018	17:50	9.6	9.6	9.6	90	8.0	9	W	0.75	18	W	7.2	9.7	7.3	5.9	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	6.7	7.2	8.9	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
30/12/2018	17:55	9.6	9.6	9.6	90	8.0	10	W	0.83	22	WNW	6.8	9.7	7.0	5.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	6.7	7.2	8.9	0	5
30/12/2018	18:00	9.6	9.6	9.6	90	8.0	13	WNW	1.08	25	W	6.1	9.7	6.2	4.9	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:05	9.6	9.6	9.6	90	8.0	12	W	1.00	21	WNW	6.3	9.7	6.5	5.2	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:10	9.6	9.6	9.6	90	8.1	13	WNW	1.08	21	NW	6.2	9.8	6.3	5.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:15	9.6	9.6	9.6	90	8.1	13	W	1.08	26	WNW	6.2	9.8	6.3	5.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:20	9.6	9.6	9.6	90	8.1	11	W	0.92	23	SW	6.7	9.8	6.8	5.4	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:25	9.7	9.7	9.6	90	8.1	16	WNW	1.33	28	NW	5.7	9.8	5.8	4.7	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:30	9.8	9.8	9.7	89	8.1	16	WNW	1.33	27	NW	5.8	9.9	5.9	4.8	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:35	9.8	9.8	9.8	89	8.1	14	WNW	1.17	26	WNW	6.2	9.9	6.3	5.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:40	9.8	9.8	9.8	89	8.1	13	WNW	1.08	27	WNW	6.3	9.9	6.5	5.2	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:45	9.8	9.8	9.8	89	8.1	11	WNW	0.92	25	NW	6.8	9.9	7.0	5.6	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:50	9.7	9.8	9.7	90	8.2	10	WNW	0.83	22	WNW	7.1	9.9	7.2	5.8	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	18:55	9.7	9.7	9.7	90	8.1	11	NW	0.92	23	NW	6.7	9.8	6.9	5.5	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	19:00	9.7	9.7	9.7	90	8.2	12	WNW	1.00	25	NW	6.6	9.9	6.7	5.4	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	19:05	9.7	9.7	9.7	90	8.2	12	WNW	1.00	22	WNW	6.6	9.9	6.7	5.4	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	19:10	9.7	9.7	9.7	90	8.1	9	NW	0.75	27	WNW	7.3	9.8	7.5	6.1	30.48	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.8	7.2	7.2	9.4	0	5
30/12/2018	19:15	9.6	9.7	9.6	90	8.1	9	NW	0.75	16	NW	7.3	9.8	7.4	6.0	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.7	7.2	9.4	0	5
30/12/2018	19:20	9.6	9.6	9.6	90	8.1	9	NW	0.75	17	W	7.3	9.8	7.4	6.0	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.7	7.2	9.4	0	5
30/12/2018	19:25	9.4	9.6	9.4	90	7.9	5	NNE	0.42	13	NW	8.3	9.6	8.5	6.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.7	7.2	8.9	0	5
30/12/2018	19:30	9.3	9.4	9.3	90	7.8	6	NW	0.50	11	WNW	7.9	9.5	8.1	6.4	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.1	6.7	8.9	0	5
30/12/2018	19:35	9.3	9.4	9.3	90	7.8	5	N	0.42	18	NW	8.2	9.5	8.4	6.7	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.1	6.7	8.9	0	5
30/12/2018	19:40	9.3	9.3	9.3	90	7.7	2	NNW	0.17	9	SW	9.3	9.4	9.4	7.8	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.1	6.7	8.9	0	5
30/12/2018	19:45	9.2	9.3	9.2	91	7.8	2	W	0.17	7	WNW	9.2	9.3	9.3	7.7	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	6.1	6.7	8.9	0	5
30/12/2018	19:50	9.2	9.3	9.2	90	7.7	2	ESE	0.17	3	ENE	9.2	9.4	9.4	7.7	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.8	5.6	6.7	8.9	0	5
30/12/2018	19:55	9.2	9.3	9.2	91	7.8	3	ESE	0.25	10	W	8.9	9.3	9.1	7.4	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	5.6	6.7	8.9	0	5
30/12/2018	20:00	9.2	9.2	9.2	91	7.8	2	WNW	0.17	9	N	9.2	9.3	9.3	7.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.2	5.6	6.7	8.9	0	5
30/12/2018	20:05	9.1	9.2	9.0	91	7.7	2	WNW	0.17	6	WNW	9.1	9.2	9.2	7.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.6	6.7	8.3	0	5
30/12/2018	20:10	9.1	9.1	9.1	91	7.7	3	NNW	0.25	6	SSW	8.7	9.2	8.9	7.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.6	6.7	8.9	0	5
30/12/2018	20:15	9.1	9.2	9.1	91	7.7	4	W	0.33	9	WNW	8.3	9.3	8.5	6.8	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.6	6.7	8.3	0	5
30/12/2018	20:20	8.9	9.1	8.9	92	7.7	4	W	0.33	14	N	8.1	9.1	8.3	6.6	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.6	6.7	8.3	1	5
30/12/2018	20:25	9.1	9.1	8.9	92	7.8	6	WNW	0.50	15	NNW	7.6	9.2	7.8	6.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	6.1	6.7	8.9	0	5
30/12/2018	20:30	9.2	9.2	9.1	92	7.9	6	WNW	0.50	12	NW	7.7	9.3	7.9	6.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	6.1	6.7	8.9	0	5
30/12/2018	20:35	9.2	9.2	9.2	91	7.8	5	WNW	0.42	13	NW	8.1	9.4	8.3	6.7	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	6.1	6.7	8.9	0	5
30/12/2018	20:40	9.2	9.2	9.2	92	8.0	3	SW	0.25	12	W	8.9	9.4	9.1	7.5	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.6	6.7	8.3	0	5
30/12/2018	20:45	9.0	9.2	9.0	91	7.6	1	SW	0.08	4	SW	9.0	9.2	9.2	7.5	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.0	6.7	8.3	1	5
30/12/2018	20:50	9.1	9.1	9.1	91	7.7	3	SW	0.25	10	NNW	8.8	9.3	8.9	7.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.6	6.7	8.3	1	5
30/12/2018	20:55	8.9	9.1	8.9	92	7.7	5	NW	0.42	9	NW	7.8	9.1	7.9	6.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.6	6.7	8.3	1	5
30/12/2018	21:00	8.9	9.1	8.9	91	7.6	2	WSW	0.17	4	WSW	8.9	9.1	9.1	7.4	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.0	6.7	8.3	1	5
30/12/2018	21:05	9.0	9.0	8.9	91	7.6	4	WNW	0.33	9	NW	8.2	9.2	8.4	6.7	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.0	6.7	8.3	1	5
30/12/2018	21:10	8.9	9.0	8.9	91	7.6	2	WNW	0.17	5	WNW	8.9	9.1	9.1	7.4	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.0	6.7	8.3	1	5
30/12/2018	21:15	8.8	8.9	8.8	91	7.4	3	WNW	0.25	5	WNW	8.4	8.9	8.6	6.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.0	6.7	7.8	2	5
30/12/2018	21:20	8.7	8.8	8.7	92	7.4	2	WNW	0.17	4	WNW	8.7	8.8	8.8	7.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	4.4	6.7	7.8	2	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
30/12/2018	21:25	8.5	8.7	8.5	92	7.3	3	WNW	0.25	5	WNW	8.1	8.7	8.3	6.6	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	4.4	6.7	7.8	2	5
30/12/2018	21:30	8.6	8.6	8.4	93	7.5	7	WNW	0.58	14	NNW	6.7	8.7	6.9	5.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.0	6.7	8.3	3	5
30/12/2018	21:35	8.8	8.8	8.6	93	7.7	4	W	0.33	10	NNW	8.0	8.9	8.2	6.5	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.0	6.7	8.3	2	5
30/12/2018	21:40	8.8	8.8	8.7	92	7.5	3	SSW	0.25	8	SSW	8.4	8.9	8.6	6.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	5.0	6.7	8.3	2	5
30/12/2018	21:45	8.4	8.8	8.4	92	7.2	0	SSW	0.00	2	SSW	8.4	8.6	8.6	6.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	7.2	4.4	6.7	7.8	2	5
30/12/2018	21:50	8.1	8.4	8.1	92	6.9	3	SSW	0.25	4	SSW	7.7	8.2	7.8	6.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	4.4	6.7	7.8	3	5
30/12/2018	21:55	7.9	8.1	7.9	93	6.8	3	SSW	0.25	4	SSW	7.4	8.0	7.6	5.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	4.4	6.7	7.2	3	5
30/12/2018	22:00	7.7	7.9	7.7	93	6.7	4	SSW	0.33	5	SSW	6.7	7.8	6.8	5.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	3.9	6.7	6.7	3	5
30/12/2018	22:05	8.2	8.2	7.7	95	7.5	7	WNW	0.58	10	NNE	6.3	8.4	6.5	4.8	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	5.0	6.7	7.8	4	5
30/12/2018	22:10	8.6	8.6	8.2	94	7.7	9	WNW	0.75	14	NW	6.1	8.8	6.2	4.7	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	5.6	6.7	8.3	4	5
30/12/2018	22:15	8.7	8.7	8.6	93	7.7	3	W	0.25	8	WNW	8.4	8.9	8.6	6.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	5.0	6.7	8.3	4	5
30/12/2018	22:20	8.7	8.7	8.7	93	7.6	5	WNW	0.42	9	NW	7.4	8.8	7.6	5.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	5.0	6.7	7.8	4	5
30/12/2018	22:25	8.6	8.7	8.6	93	7.5	5	WNW	0.42	8	NW	7.4	8.8	7.6	5.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	5.0	6.7	7.8	5	5
30/12/2018	22:30	8.6	8.6	8.6	93	7.5	5	NW	0.42	10	NW	7.3	8.7	7.5	5.8	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	5.0	6.7	7.8	6	5
30/12/2018	22:35	8.5	8.6	8.5	93	7.4	4	NW	0.33	10	NW	7.7	8.7	7.8	6.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	7.2	5.0	6.7	7.8	7	5
30/12/2018	22:40	8.2	8.5	8.2	93	7.1	1	NW	0.08	2	NW	8.2	8.3	8.3	6.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	4.4	6.7	7.2	7	5
30/12/2018	22:45	7.6	8.1	7.6	93	6.5	0	NW	0.00	3	NW	7.6	7.7	7.7	6.0	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	3.9	6.7	6.7	8	5
30/12/2018	22:50	7.4	7.5	7.4	94	6.5	3	NW	0.25	6	NW	6.9	7.6	7.1	5.4	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	3.9	6.7	6.7	9	5
30/12/2018	22:55	7.9	7.9	7.5	95	7.2	5	NW	0.42	8	NW	6.6	8.1	6.8	5.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	7.2	4.4	6.7	7.2	11	5
30/12/2018	23:00	8.2	8.2	7.9	95	7.4	5	WNW	0.42	8	WNW	6.8	8.3	7.0	5.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	6.7	7.8	12	5
30/12/2018	23:05	8.3	8.3	8.2	94	7.4	5	NW	0.42	10	NNW	7.0	8.4	7.2	5.5	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	5.0	6.7	7.8	13	5
30/12/2018	23:10	8.3	8.3	8.3	94	7.4	6	WNW	0.50	11	WNW	6.7	8.4	6.8	5.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	5.0	6.7	7.8	13	5
30/12/2018	23:15	8.2	8.3	8.2	94	7.3	3	WNW	0.25	7	WNW	7.8	8.4	8.0	6.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	4.4	6.7	7.2	13	5
30/12/2018	23:20	7.9	8.2	7.9	94	7.0	1	WNW	0.08	3	WNW	7.9	8.1	8.1	6.4	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	49	6.7	3.9	6.7	6.7	13	5
30/12/2018	23:25	7.5	7.9	7.5	94	6.6	1	WNW	0.08	3	WNW	7.5	7.6	7.6	5.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.1	13	5
30/12/2018	23:30	7.1	7.5	7.1	94	6.2	1	WNW	0.08	2	WNW	7.1	7.2	7.2	5.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.1	14	5
30/12/2018	23:35	6.8	7.1	6.8	95	6.1	1	WNW	0.08	2	WNW	6.8	6.9	6.9	5.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.1	14	5
30/12/2018	23:40	6.8	6.9	6.7	96	6.2	2	WNW	0.17	4	WNW	6.8	6.9	6.9	5.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.1	14	5
30/12/2018	23:45	6.7	6.8	6.6	96	6.1	2	WNW	0.17	4	WNW	6.7	6.8	6.8	5.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.1	15	5
30/12/2018	23:50	6.9	6.9	6.7	96	6.4	4	WNW	0.33	10	WNW	5.8	7.1	5.9	4.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.7	15	5
30/12/2018	23:55	7.2	7.2	6.9	96	6.6	4	NW	0.33	8	NW	6.2	7.3	6.3	4.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	6.7	15	5
31/12/2018	00:00	7.5	7.5	7.2	97	7.1	5	NW	0.42	12	NW	6.1	7.7	6.2	4.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	7.2	15	5
31/12/2018	00:05	7.8	7.8	7.5	97	7.3	5	WNW	0.42	9	WNW	6.4	7.9	6.6	4.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	7.2	15	5
31/12/2018	00:10	7.8	7.8	7.8	96	7.2	4	W	0.33	7	WNW	6.8	7.9	6.9	5.3	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	6.7	7.2	15	5
31/12/2018	00:15	7.6	7.8	7.6	95	6.9	3	W	0.25	6	W	7.1	7.8	7.3	5.6	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	6.7	6.7	15	5
31/12/2018	00:20	7.4	7.6	7.4	95	6.7	3	WSW	0.25	6	WSW	6.9	7.6	7.1	5.4	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	6.7	6.7	15	5
31/12/2018	00:25	7.3	7.4	7.2	96	6.7	3	WSW	0.25	9	WSW	6.7	7.4	6.8	5.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.1	15	5
31/12/2018	00:30	7.4	7.4	7.3	96	6.8	4	WSW	0.33	6	WSW	6.4	7.6	6.6	4.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	6.7	6.7	15	5
31/12/2018	00:35	7.4	7.4	7.4	96	6.8	2	WSW	0.17	5	WSW	7.4	7.6	7.6	5.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.7	15	5
31/12/2018	00:40	7.1	7.4	7.1	95	6.4	2	WSW	0.17	4	WSW	7.1	7.2	7.2	5.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.1	15	5
31/12/2018	00:45	7.3	7.3	7.1	96	6.7	2	WSW	0.17	4	WSW	7.3	7.4	7.4	5.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.7	15	5
31/12/2018	00:50	7.4	7.4	7.3	96	6.8	3	WSW	0.25	7	SW	6.9	7.6	7.1	5.4	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.3	6.7	6.7	15	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
31/12/2018	00:55	7.7	7.7	7.4	96	7.1	3	SW	0.25	7	SW	7.3	7.9	7.4	5.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	6.7	6.7	15	5
31/12/2018	01:00	7.9	7.9	7.7	96	7.3	5	W	0.42	12	W	6.5	8.1	6.7	5.0	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	7.8	15	5
31/12/2018	01:05	8.0	8.0	7.9	96	7.4	5	W	0.42	11	W	6.7	8.2	6.8	5.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	3.9	6.7	7.8	15	5
31/12/2018	01:10	8.1	8.2	8.0	95	7.4	7	WSW	0.58	14	W	6.2	8.3	6.3	4.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	7.8	15	5
31/12/2018	01:15	8.3	8.3	8.1	95	7.5	7	W	0.58	13	WSW	6.4	8.4	6.6	4.9	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	4.4	6.7	7.8	15	5
31/12/2018	01:20	8.4	8.4	8.3	95	7.6	7	W	0.58	16	NW	6.5	8.6	6.7	5.0	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	50	6.7	5.0	6.7	8.3	15	5
31/12/2018	01:25	8.6	8.6	8.4	95	7.8	7	W	0.58	16	NW	6.7	8.7	6.9	5.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	01:30	8.6	8.6	8.6	94	7.6	4	W	0.33	9	W	7.7	8.7	7.9	6.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	01:35	8.6	8.6	8.6	94	7.6	5	W	0.42	12	W	7.3	8.7	7.5	5.8	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	01:40	8.6	8.6	8.6	94	7.6	6	WNW	0.50	14	WNW	7.0	8.7	7.2	5.5	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	01:45	8.6	8.6	8.5	94	7.6	7	WNW	0.58	15	W	6.7	8.7	6.9	5.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	01:50	8.6	8.6	8.6	94	7.6	6	W	0.50	14	W	7.0	8.7	7.2	5.5	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	01:55	8.6	8.6	8.6	94	7.6	5	W	0.42	10	WNW	7.3	8.7	7.5	5.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.0	6.7	8.3	15	5
31/12/2018	02:00	8.6	8.6	8.6	93	7.5	6	W	0.50	12	W	7.1	8.8	7.2	5.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	02:05	8.6	8.6	8.6	93	7.5	6	W	0.50	13	WNW	7.1	8.8	7.2	5.6	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	02:10	8.6	8.6	8.6	93	7.5	7	WNW	0.58	17	WNW	6.7	8.7	6.9	5.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	02:15	8.7	8.7	8.6	93	7.6	11	WNW	0.92	21	WNW	5.6	8.8	5.7	4.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	02:20	8.8	8.8	8.7	92	7.5	10	W	0.83	23	WNW	6.0	8.9	6.2	4.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	5.6	6.7	8.3	15	5
31/12/2018	02:25	8.8	8.8	8.8	92	7.6	9	WNW	0.75	16	WNW	6.3	9.0	6.5	5.0	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	50	6.7	6.1	6.7	8.9	13	5
31/12/2018	02:30	8.9	8.9	8.8	92	7.7	9	WNW	0.75	15	WNW	6.4	9.1	6.6	5.1	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	8	5
31/12/2018	02:35	8.9	8.9	8.9	92	7.7	7	W	0.58	16	WNW	7.1	9.1	7.3	5.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	3	5
31/12/2018	02:40	8.9	8.9	8.9	92	7.7	7	W	0.58	15	W	7.2	9.1	7.3	5.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	1	5
31/12/2018	02:45	8.9	8.9	8.9	92	7.7	5	SW	0.42	9	SW	7.8	9.1	7.9	6.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	02:50	8.9	8.9	8.9	92	7.7	4	WSW	0.33	8	SW	8.2	9.1	8.3	6.7	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	02:55	8.9	8.9	8.9	91	7.6	7	W	0.58	14	WNW	7.2	9.1	7.3	5.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	03:00	8.9	8.9	8.9	91	7.6	6	W	0.50	12	W	7.4	9.1	7.6	5.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	03:05	8.9	8.9	8.9	91	7.5	3	W	0.25	6	W	8.6	9.0	8.7	7.0	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.3	0	5
31/12/2018	03:10	8.8	8.9	8.8	91	7.4	4	WSW	0.33	9	SW	8.1	8.9	8.2	6.5	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.3	0	5
31/12/2018	03:15	8.9	8.9	8.8	91	7.5	2	NNW	0.17	8	SW	8.9	9.0	9.0	7.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	03:20	8.9	8.9	8.8	91	7.5	5	WSW	0.42	9	WSW	7.7	9.0	7.8	6.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	03:25	8.9	8.9	8.9	91	7.5	3	W	0.25	5	WSW	8.6	9.0	8.7	7.0	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.3	0	5
31/12/2018	03:30	8.8	8.9	8.8	91	7.4	2	W	0.17	4	W	8.8	8.9	8.9	7.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.3	0	5
31/12/2018	03:35	8.7	8.8	8.7	91	7.3	2	W	0.17	5	W	8.7	8.8	8.8	7.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	03:40	8.7	8.8	8.7	91	7.3	4	SW	0.33	9	SW	7.9	8.8	8.0	6.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	03:45	8.7	8.8	8.7	91	7.3	2	SW	0.17	5	SW	8.7	8.8	8.8	7.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	03:50	8.8	8.8	8.7	91	7.4	5	SW	0.42	14	W	7.6	8.9	7.7	6.1	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.3	0	5
31/12/2018	03:55	8.8	8.8	8.8	91	7.4	3	W	0.25	8	WSW	8.4	8.9	8.6	6.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.3	0	5
31/12/2018	04:00	8.8	8.8	8.8	91	7.4	2	W	0.17	4	W	8.8	8.9	8.9	7.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.3	0	5
31/12/2018	04:05	8.7	8.8	8.7	91	7.3	1	W	0.08	5	W	8.7	8.8	8.8	7.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	04:10	8.7	8.7	8.7	91	7.3	3	S	0.25	7	SW	8.3	8.8	8.4	6.8	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	04:15	8.6	8.7	8.6	91	7.2	1	WNW	0.08	5	SSW	8.6	8.7	8.7	7.0	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	04:20	8.6	8.6	8.5	91	7.2	2	WSW	0.17	8	SW	8.6	8.7	8.7	7.0	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
31/12/2018	04:25	8.6	8.6	8.5	90	7.0	3	WSW	0.25	8	SW	8.2	8.7	8.3	6.6	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	04:30	8.5	8.6	8.4	90	7.0	4	WNW	0.33	14	W	7.7	8.6	7.8	6.1	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	04:35	8.6	8.6	8.5	90	7.1	3	SE	0.25	6	SW	8.2	8.7	8.3	6.7	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	04:40	8.6	8.6	8.6	89	6.9	4	WNW	0.33	10	W	7.8	8.7	7.9	6.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	04:45	8.7	8.7	8.6	88	6.8	2	WNW	0.17	5	WNW	8.7	8.7	8.7	7.1	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	04:50	8.6	8.7	8.6	89	6.9	3	WSW	0.25	8	NW	8.2	8.7	8.3	6.7	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	5.6	6.7	8.3	0	5
31/12/2018	04:55	8.7	8.7	8.6	88	6.8	7	W	0.58	13	WNW	6.9	8.8	6.9	5.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	05:00	8.9	8.9	8.7	87	6.8	6	WNW	0.50	12	NW	7.4	8.9	7.4	5.8	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	05:05	8.9	8.9	8.8	87	6.8	4	WNW	0.33	8	WNW	8.1	8.9	8.2	6.5	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	05:10	8.9	8.9	8.8	87	6.9	5	W	0.42	12	W	7.8	9.0	7.8	6.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	05:15	8.9	9.0	8.9	87	6.9	5	W	0.42	12	W	7.8	9.0	7.8	6.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	05:20	9.0	9.0	8.9	87	7.0	7	W	0.58	14	NNW	7.2	9.1	7.3	5.6	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	05:25	8.9	8.9	8.9	87	6.9	5	W	0.42	10	SW	7.8	9.0	7.8	6.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.1	6.7	8.9	0	5
31/12/2018	05:30	8.9	9.0	8.9	87	6.9	8	WNW	0.67	16	NW	6.8	9.0	6.8	5.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.7	6.7	8.9	0	5
31/12/2018	05:35	8.9	9.0	8.9	87	6.9	8	NW	0.67	12	NW	6.8	9.0	6.8	5.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.7	6.7	8.9	0	5
31/12/2018	05:40	9.0	9.0	8.9	87	7.0	4	NNW	0.33	9	WNW	8.2	9.1	8.3	6.6	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.7	6.7	8.9	0	5
31/12/2018	05:45	9.1	9.1	9.0	87	7.0	7	SW	0.58	14	WSW	7.3	9.1	7.4	5.7	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	49	6.7	6.7	6.7	8.9	0	5
31/12/2018	05:50	9.0	9.1	9.0	87	7.0	11	WNW	0.92	16	W	5.9	9.1	6.0	4.6	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	05:55	9.0	9.1	9.0	87	7.0	7	W	0.58	13	WNW	7.2	9.1	7.3	5.6	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:00	9.0	9.0	9.0	87	7.0	8	WNW	0.67	12	WNW	6.8	9.1	6.9	5.3	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:05	8.9	9.0	8.9	87	6.9	7	W	0.58	14	WSW	7.2	9.0	7.2	5.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:10	8.9	9.0	8.9	86	6.7	7	W	0.58	15	NW	7.2	8.9	7.2	5.5	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:15	8.9	8.9	8.9	86	6.7	8	W	0.67	18	W	6.8	8.9	6.8	5.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:20	8.9	8.9	8.9	86	6.7	8	W	0.67	15	W	6.8	8.9	6.8	5.2	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:25	8.9	8.9	8.9	86	6.7	8	W	0.67	17	WNW	6.8	8.9	6.8	5.2	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:30	8.9	8.9	8.9	86	6.7	9	WNW	0.75	15	W	6.4	8.9	6.4	4.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:35	8.9	8.9	8.9	86	6.7	6	W	0.50	13	WNW	7.4	8.9	7.4	5.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:40	8.9	8.9	8.9	86	6.7	7	W	0.58	16	W	7.2	8.9	7.2	5.5	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:45	8.9	8.9	8.9	86	6.7	7	W	0.58	17	WNW	7.2	8.9	7.2	5.5	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:50	8.9	9.0	8.9	86	6.7	6	W	0.50	11	W	7.4	8.9	7.4	5.8	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	06:55	8.9	8.9	8.9	87	6.8	7	W	0.58	16	WSW	7.1	8.9	7.2	5.5	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	07:00	8.9	8.9	8.9	86	6.7	7	W	0.58	12	W	7.1	8.9	7.1	5.4	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	07:05	8.9	8.9	8.9	86	6.7	5	W	0.42	11	W	7.7	8.9	7.7	6.1	30.49	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	07:10	8.8	8.9	8.8	86	6.6	7	W	0.58	12	W	7.1	8.8	7.1	5.4	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	07:15	8.8	8.8	8.8	87	6.7	5	W	0.42	10	W	7.6	8.8	7.7	6.0	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	07:20	8.7	8.8	8.7	87	6.7	5	W	0.42	11	W	7.5	8.8	7.6	5.9	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	07:25	8.7	8.8	8.7	87	6.7	6	W	0.50	13	W	7.2	8.8	7.2	5.6	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	07:30	8.7	8.8	8.7	86	6.5	6	W	0.50	14	WNW	7.2	8.7	7.2	5.5	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	07:35	8.8	8.8	8.7	86	6.6	7	W	0.58	16	W	7.0	8.8	7.0	5.3	30.50	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	07:40	8.8	8.8	8.8	86	6.6	5	W	0.42	11	W	7.6	8.8	7.6	5.9	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	07:45	8.8	8.8	8.8	86	6.6	4	W	0.33	8	SW	8.0	8.8	8.0	6.3	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	07:50	8.7	8.8	8.7	86	6.5	4	W	0.33	9	W	7.9	8.7	7.9	6.2	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
31/12/2018	07:55	8.7	8.8	8.7	86	6.5	4	W	0.33	8	W	7.9	8.7	7.9	6.2	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	08:00	8.7	8.7	8.7	87	6.6	6	W	0.50	12	W	7.1	8.7	7.2	5.5	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	08:05	8.7	8.7	8.7	86	6.5	5	W	0.42	8	W	7.5	8.7	7.5	5.8	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	08:10	8.8	8.8	8.7	86	6.6	4	WSW	0.33	8	WNW	8.0	8.8	8.0	6.3	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	08:15	8.8	8.8	8.7	86	6.6	4	W	0.33	11	W	8.0	8.8	8.0	6.3	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	08:20	8.8	8.8	8.8	86	6.6	5	SW	0.42	10	WSW	7.7	8.8	7.7	6.0	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	08:25	8.8	8.8	8.8	85	6.4	2	WSW	0.17	6	SW	8.8	8.8	8.8	7.2	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	08:30	8.8	8.8	8.8	86	6.6	3	WSW	0.25	7	WSW	8.4	8.8	8.4	6.8	30.51	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	08:35	8.8	8.8	8.8	86	6.6	2	SW	0.17	5	SW	8.8	8.8	8.8	7.1	30.52	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	08:40	8.8	8.8	8.8	86	6.6	4	SW	0.33	10	W	8.0	8.8	8.0	6.4	30.51	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	08:45	8.8	8.8	8.7	86	6.6	4	WSW	0.33	9	W	8.0	8.8	8.0	6.4	30.51	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	08:50	8.7	8.8	8.7	86	6.5	4	W	0.33	12	W	7.9	8.7	7.9	6.3	30.52	0.0	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	08:55	8.8	8.8	8.7	86	6.6	4	W	0.33	11	SW	8.0	8.8	8.0	6.4	30.51	0.0	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	09:00	8.8	8.8	8.8	86	6.6	4	WSW	0.33	15	W	8.0	8.8	8.0	6.4	30.51	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	09:05	8.8	8.8	8.8	86	6.6	6	W	0.50	12	W	7.3	8.8	7.3	5.7	30.51	0.0	0.0	7	0.05	7	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.9	0	5
31/12/2018	09:10	8.8	8.8	8.8	86	6.6	6	W	0.50	12	W	7.3	8.8	7.3	5.7	30.51	0.0	0.0	8	0.06	9	0	0.00	0.00	0.03	0.00	0.00	48	6.7	6.7	6.7	8.3	0	5
31/12/2018	09:15	8.8	8.8	8.8	87	6.7	8	W	0.67	14	W	6.6	8.8	6.7	5.2	30.51	0.0	0.0	8	0.06	9	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	09:20	8.8	8.8	8.8	87	6.7	9	W	0.75	14	WNW	6.3	8.8	6.3	4.9	30.51	0.0	0.0	10	0.07	11	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	09:25	8.8	8.8	8.8	87	6.7	7	W	0.58	13	W	7.0	8.8	7.1	5.6	30.51	0.0	0.0	12	0.09	14	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	09:30	8.7	8.8	8.7	87	6.7	7	W	0.58	12	W	6.9	8.8	6.9	5.4	30.51	0.0	0.0	14	0.10	16	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	09:35	8.7	8.8	8.7	87	6.7	6	W	0.50	12	W	7.2	8.8	7.2	5.7	30.51	0.0	0.0	13	0.09	14	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	09:40	8.7	8.7	8.7	87	6.7	7	W	0.58	13	WNW	6.9	8.8	6.9	5.4	30.51	0.0	0.0	11	0.08	12	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	09:45	8.7	8.7	8.7	88	6.8	6	WNW	0.50	13	WNW	7.2	8.8	7.2	5.7	30.51	0.0	0.0	10	0.07	11	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	09:50	8.7	8.7	8.7	88	6.8	5	W	0.42	10	WNW	7.4	8.7	7.5	5.9	30.51	0.0	0.0	10	0.07	11	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	09:55	8.7	8.7	8.7	88	6.8	8	WNW	0.67	16	W	6.5	8.8	6.6	5.1	30.51	0.0	0.0	10	0.07	11	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	10:00	8.7	8.7	8.7	88	6.8	4	W	0.33	8	WNW	7.8	8.7	7.9	6.4	30.51	0.0	0.0	11	0.08	11	0	0.00	0.00	0.03	0.00	0.03	48	6.7	7.2	6.7	8.3	0	5
31/12/2018	10:05	8.7	8.7	8.7	88	6.8	5	W	0.42	15	W	7.4	8.7	7.5	6.0	30.51	0.0	0.0	11	0.08	11	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.3	0	5
31/12/2018	10:10	8.7	8.7	8.7	88	6.8	8	WNW	0.67	16	WNW	6.4	8.7	6.5	5.1	30.51	0.0	0.0	12	0.09	12	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	10:15	8.7	8.7	8.7	88	6.8	6	W	0.50	11	WNW	7.1	8.7	7.2	5.7	30.51	0.0	0.0	11	0.08	12	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.3	0	5
31/12/2018	10:20	8.7	8.7	8.7	88	6.8	7	W	0.58	16	WNW	6.8	8.7	6.9	5.8	30.51	0.0	0.0	11	0.08	11	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.3	0	5
31/12/2018	10:25	8.7	8.7	8.6	88	6.8	7	W	0.58	13	NW	6.8	8.7	6.9	5.8	30.51	0.0	0.0	12	0.09	12	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	10:30	8.7	8.7	8.6	88	6.8	8	W	0.67	15	WNW	6.4	8.7	6.5	5.6	30.51	0.0	0.0	13	0.09	14	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	10:35	8.7	8.7	8.6	87	6.6	8	WNW	0.67	14	W	6.4	8.7	6.5	5.6	30.51	0.0	0.0	15	0.11	16	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	10:40	8.7	8.7	8.6	87	6.6	8	WNW	0.67	16	NW	6.4	8.7	6.5	5.6	30.51	0.0	0.0	17	0.12	18	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	10:45	8.6	8.7	8.6	87	6.6	5	WNW	0.42	10	NW	7.4	8.7	7.4	6.6	30.51	0.0	0.0	20	0.14	23	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	10:50	8.6	8.7	8.6	87	6.6	8	WNW	0.67	16	W	6.4	8.7	6.4	5.7	30.51	0.0	0.0	23	0.16	23	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	10:55	8.6	8.7	8.6	86	6.4	7	W	0.58	15	WNW	6.8	8.6	6.8	6.0	30.51	0.0	0.0	22	0.16	23	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	11:00	8.7	8.7	8.6	86	6.5	7	W	0.58	13	W	6.8	8.7	6.8	6.1	30.51	0.0	0.0	23	0.16	23	0	0.00	0.00	0.03	0.00	0.03	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	11:05	8.7	8.7	8.6	86	6.5	8	W	0.67	19	NW	6.4	8.7	6.4	5.7	30.50	0.0	0.0	22	0.16	23	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	11:10	8.7	8.7	8.7	86	6.5	10	W	0.83	16	WNW	5.8	8.7	5.8	5.2	30.50	0.0	0.0	27	0.19	32	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.2	6.7	8.9	0	5
31/12/2018	11:15	8.7	8.7	8.7	86	6.5	5	W	0.42	11	W	7.4	8.7	7.4	7.1	30.50	0.0	0.0	36	0.26	40	0	0.00	0.00	0.03	0.00	0.00	48	6.7	7.8	6.7	8.9	0	5
31/12/2018	11:20	8.7	8.7	8.7	86	6.5	5	W	0.42	10	W	7.5	8.7	7.5	7.4	30.49	0.0	0.0	50	0.36	56	0	0.00	0.00	0.03	0.00	0.00	48	7.2	7.8	6.7	8.9	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
31/12/2018	11:25	8.8	8.8	8.7	86	6.6	6	W	0.50	12	W	7.3	8.8	7.3	7.8	30.49	0.0	0.0	76	0.54	86	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.3	6.7	8.9	0	5
31/12/2018	11:30	8.8	8.8	8.8	86	6.6	5	W	0.42	9	W	7.7	8.8	7.7	8.3	30.49	0.0	0.0	80	0.57	83	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.3	6.7	9.4	0	5
31/12/2018	11:35	8.9	8.9	8.8	85	6.6	5	WSW	0.42	13	W	7.8	8.9	7.8	8.4	30.48	0.0	0.0	80	0.57	86	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.3	6.7	9.4	0	5
31/12/2018	11:40	9.0	9.0	8.9	84	6.4	5	SW	0.42	12	SW	7.8	9.0	7.8	8.7	30.48	0.0	0.0	90	0.65	107	0	0.00	0.00	0.03	0.00	0.00	48	7.2	8.9	6.7	9.4	0	5
31/12/2018	11:45	9.1	9.1	9.0	84	6.5	3	WSW	0.25	6	WSW	8.8	9.1	8.8	10.2	30.48	0.0	0.0	117	0.84	125	0	0.00	0.00	0.03	0.00	0.00	48	7.2	9.4	6.7	10.0	0	5
31/12/2018	11:50	9.3	9.3	9.1	84	6.7	2	SW	0.17	7	WNW	9.3	9.3	9.3	10.8	30.48	0.0	0.0	121	0.87	127	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	10.6	0	5
31/12/2018	11:55	9.3	9.3	9.3	83	6.5	4	WSW	0.33	9	WSW	8.6	9.3	8.6	9.9	30.48	0.0	0.0	114	0.82	125	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	10.0	0	5
31/12/2018	12:00	9.3	9.3	9.3	83	6.6	3	WSW	0.25	9	SW	9.1	9.3	9.1	10.1	30.47	0.0	0.0	97	0.70	100	0	0.00	0.00	0.03	0.00	0.05	47	7.2	9.4	6.7	10.0	0	5
31/12/2018	12:05	9.3	9.4	9.3	83	6.6	6	W	0.50	14	WSW	7.9	9.3	7.9	8.7	30.47	0.0	0.0	85	0.61	90	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	10.0	0	5
31/12/2018	12:10	9.3	9.4	9.3	82	6.4	8	W	0.67	20	WSW	7.3	9.3	7.3	8.2	30.47	0.0	0.0	97	0.70	100	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	10.0	0	5
31/12/2018	12:15	9.3	9.3	9.2	83	6.5	7	WSW	0.58	17	WNW	7.6	9.3	7.6	8.5	30.46	0.0	0.0	95	0.68	105	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	10.0	0	5
31/12/2018	12:20	9.3	9.3	9.2	82	6.4	5	W	0.42	11	W	8.2	9.3	8.2	9.6	30.46	0.0	0.0	119	0.85	120	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	10.0	0	5
31/12/2018	12:25	9.3	9.3	9.3	83	6.5	6	W	0.50	13	W	7.8	9.3	7.8	9.2	30.46	0.0	0.0	115	0.82	125	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	10.0	0	5
31/12/2018	12:30	9.3	9.3	9.3	83	6.6	5	WSW	0.42	9	SW	8.2	9.3	8.2	9.6	30.47	0.0	0.0	117	0.84	132	0	0.00	0.00	0.03	0.00	0.00	47	7.2	10.0	6.7	10.6	0	5
31/12/2018	12:35	9.3	9.3	9.3	83	6.6	7	W	0.58	15	WNW	7.7	9.3	7.7	8.7	30.46	0.0	0.0	96	0.69	105	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	10.0	0	5
31/12/2018	12:40	9.3	9.3	9.3	82	6.4	8	SW	0.67	22	W	7.2	9.3	7.2	7.8	30.46	0.0	0.0	84	0.60	91	0	0.00	0.00	0.03	0.00	0.00	47	7.2	9.4	6.7	10.0	0	5
31/12/2018	12:45	9.2	9.3	9.2	82	6.3	8	WNW	0.67	17	WNW	7.1	9.2	7.1	7.4	30.46	0.0	0.0	67	0.48	69	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.9	6.7	9.4	0	5
31/12/2018	12:50	9.2	9.2	9.2	82	6.3	8	W	0.67	17	W	7.1	9.2	7.1	7.4	30.46	0.0	0.0	65	0.47	69	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	12:55	9.1	9.2	9.1	83	6.3	11	W	0.92	20	W	6.0	9.1	6.0	6.2	30.46	0.0	0.0	59	0.42	65	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:00	9.1	9.1	9.1	83	6.3	7	SW	0.58	16	W	7.3	9.1	7.3	7.5	30.46	0.0	0.0	60	0.43	65	0	0.00	0.00	0.03	0.00	0.05	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:05	9.1	9.1	9.0	83	6.3	8	W	0.67	17	WNW	6.9	9.1	6.9	7.0	30.46	0.0	0.0	55	0.39	65	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:10	9.1	9.1	9.0	84	6.5	6	W	0.50	16	W	7.6	9.1	7.6	7.8	30.47	0.0	0.0	60	0.43	63	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:15	9.0	9.1	9.0	84	6.4	8	W	0.67	14	W	6.8	9.0	6.8	7.1	30.47	0.0	0.0	60	0.43	62	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:20	9.1	9.1	9.0	84	6.5	8	W	0.67	18	NW	6.9	9.1	6.9	7.2	30.47	0.0	0.0	62	0.44	65	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:25	9.1	9.1	9.1	84	6.5	10	WNW	0.83	16	NW	6.3	9.1	6.3	6.2	30.47	0.0	0.0	49	0.35	58	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:30	9.0	9.1	9.0	84	6.4	9	WNW	0.75	16	WNW	6.5	9.0	6.5	6.3	30.47	0.0	0.0	43	0.31	47	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	8.9	0	5
31/12/2018	13:35	8.9	9.0	8.9	84	6.4	8	W	0.67	17	NW	6.8	8.9	6.8	6.8	30.47	0.0	0.0	51	0.37	53	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:40	8.9	9.0	8.9	84	6.4	5	W	0.42	12	NW	7.8	8.9	7.8	7.8	30.47	0.0	0.0	51	0.37	54	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:45	8.9	9.0	8.9	84	6.4	6	W	0.50	13	WNW	7.4	8.9	7.4	7.3	30.47	0.0	0.0	46	0.33	47	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:50	8.9	8.9	8.9	84	6.4	7	W	0.58	13	WNW	7.2	8.9	7.2	6.9	30.47	0.0	0.0	42	0.30	44	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	13:55	8.9	9.0	8.9	84	6.4	6	W	0.50	14	W	7.4	8.9	7.4	7.3	30.47	0.0	0.0	48	0.34	51	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	9.4	0	5
31/12/2018	14:00	8.9	9.0	8.9	84	6.4	12	WNW	1.00	20	NW	5.6	8.9	5.6	4.7	30.47	0.0	0.0	44	0.32	47	0	0.00	0.00	0.03	0.00	0.05	47	7.2	8.3	6.7	8.9	0	5
31/12/2018	14:05	8.9	9.0	8.9	84	6.4	7	WNW	0.58	12	WNW	7.2	8.9	7.2	5.9	30.47	0.0	0.0	34	0.24	35	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	8.9	0	5
31/12/2018	14:10	8.9	8.9	8.9	84	6.4	8	W	0.67	18	W	6.8	8.9	6.8	5.5	30.47	0.0	0.0	33	0.24	39	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	8.9	0	5
31/12/2018	14:15	8.9	8.9	8.9	84	6.4	10	WNW	0.83	18	W	6.2	8.9	6.2	5.1	30.47	0.0	0.0	36	0.26	37	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	8.9	0	5
31/12/2018	14:20	8.9	8.9	8.9	85	6.5	5	WSW	0.42	13	W	7.7	8.9	7.7	6.4	30.47	0.0	0.0	32	0.23	33	0	0.00	0.00	0.03	0.00	0.00	47	7.2	8.3	6.7	8.9	0	5
31/12/2018	14:25	8.9	8.9	8.8	84	6.3	5	W	0.42	11	W	7.7	8.9	7.7	6.3	30.47	0.0	0.0	29	0.21	30	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	14:30	8.8	8.9	8.8	84	6.3	13	WNW	1.08	25	WNW	5.3	8.8	5.3	4.2	30.47	0.0	0.0	28	0.20	30	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	14:35	8.9	8.9	8.8	84	6.3	7	W	0.58	24	NW	7.1	8.9	7.1	5.7	30.48	0.0	0.0	28	0.20	30	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	14:40	8.8	8.9	8.8	83	6.1	6	NW	0.50	17	WNW	7.3	8.8	7.3	5.9	30.47	0.0	0.0	26	0.19	28	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	14:45	8.8	8.9	8.8	83	6.1	6	W	0.50	12	NW	7.3	8.8	7.3	5.9	30.47	0.0	0.0	25	0.18	26	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	14:50	8.8	8.8	8.8	83	6.1	2	W	0.17	6	W	8.8	8.8	8.8	7.4	30.48	0.0	0.0	24	0.17	25	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
31/12/2018	14:55	8.8	8.8	8.8	84	6.3	4	NW	0.33	8	W	8.1	8.8	8.1	6.7	30.47	0.0	0.0	28	0.20	32	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	15:00	8.8	8.8	8.8	84	6.3	5	W	0.42	10	NNW	7.7	8.8	7.7	6.4	30.47	0.0	0.0	34	0.24	37	0	0.00	0.00	0.03	0.00	0.03	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	15:05	8.9	8.9	8.8	83	6.2	7	W	0.58	16	WNW	7.1	8.9	7.1	5.8	30.47	0.0	0.0	36	0.26	39	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	15:10	8.9	8.9	8.8	83	6.2	4	SW	0.33	8	SW	8.1	8.9	8.1	6.8	30.47	0.0	0.0	36	0.26	42	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	15:15	8.9	8.9	8.9	83	6.2	3	NW	0.25	11	W	8.6	8.9	8.6	7.3	30.48	0.0	0.0	42	0.30	44	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	15:20	8.9	8.9	8.9	83	6.2	4	WSW	0.33	8	W	8.1	8.9	8.1	6.8	30.48	0.0	0.0	34	0.24	40	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	15:25	8.8	8.9	8.8	83	6.1	6	W	0.50	13	W	7.3	8.8	7.3	5.9	30.47	0.0	0.0	26	0.19	28	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	15:30	8.8	8.8	8.8	83	6.1	9	W	0.75	21	WNW	6.3	8.8	6.3	4.9	30.48	0.0	0.0	19	0.14	21	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.8	6.7	8.9	0	5
31/12/2018	15:35	8.8	8.8	8.8	83	6.0	7	W	0.58	15	WNW	7.0	8.8	7.0	5.4	30.48	0.0	0.0	16	0.11	18	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	8.9	0	5
31/12/2018	15:40	8.8	8.8	8.8	83	6.0	10	W	0.83	19	W	6.0	8.8	6.0	4.6	30.47	0.0	0.0	12	0.09	12	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	8.3	0	5
31/12/2018	15:45	8.7	8.8	8.7	83	6.0	10	W	0.83	18	WNW	5.9	8.7	5.8	4.4	30.47	0.0	0.0	10	0.07	11	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	8.3	0	5
31/12/2018	15:50	8.7	8.7	8.7	83	6.0	8	W	0.67	18	W	6.5	8.7	6.4	4.9	30.47	0.0	0.0	9	0.06	9	0	0.00	0.00	0.03	0.00	0.00	47	7.2	7.2	6.7	8.3	0	5
31/12/2018	15:55	8.7	8.7	8.7	83	5.9	11	W	0.92	26	W	5.6	8.6	5.5	4.1	30.47	0.0	0.0	6	0.04	7	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:00	8.7	8.7	8.6	83	5.9	10	W	0.83	19	WNW	5.8	8.6	5.8	4.3	30.47	0.0	0.0	5	0.04	5	0	0.00	0.00	0.03	0.00	0.03	47	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:05	8.6	8.7	8.6	83	5.9	11	W	0.92	20	NW	5.5	8.6	5.4	4.0	30.47	0.0	0.0	3	0.02	5	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:10	8.6	8.6	8.6	83	5.9	12	W	1.00	20	WNW	5.3	8.6	5.2	3.8	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:15	8.6	8.6	8.6	83	5.8	12	W	1.00	24	W	5.2	8.5	5.1	3.7	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:20	8.5	8.6	8.5	82	5.6	12	W	1.00	19	W	5.1	8.4	5.1	3.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:25	8.4	8.5	8.4	83	5.7	8	W	0.67	16	SSW	6.2	8.4	6.1	4.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:30	8.4	8.5	8.4	83	5.7	10	W	0.83	20	W	5.6	8.4	5.5	3.9	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:35	8.4	8.5	8.4	83	5.7	9	W	0.75	16	WSW	5.8	8.4	5.8	4.2	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	47	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:40	8.4	8.4	8.4	82	5.5	12	W	1.00	21	W	5.1	8.4	5.0	3.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:45	8.4	8.5	8.4	82	5.5	11	W	0.92	19	W	5.3	8.4	5.2	3.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:50	8.5	8.5	8.4	82	5.6	9	W	0.75	17	W	5.9	8.4	5.9	4.3	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	16:55	8.4	8.4	8.4	83	5.7	7	W	0.58	13	W	6.6	8.4	6.5	4.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	17:00	8.4	8.4	8.4	83	5.7	7	W	0.58	13	W	6.6	8.4	6.5	4.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	17:05	8.4	8.4	8.4	83	5.7	8	W	0.67	17	W	6.2	8.4	6.1	4.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	17:10	8.4	8.4	8.4	83	5.7	7	W	0.58	18	WNW	6.5	8.3	6.4	4.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	17:15	8.4	8.4	8.4	83	5.7	7	WSW	0.58	16	W	6.5	8.3	6.4	4.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	17:20	8.4	8.4	8.4	83	5.7	9	W	0.75	17	W	5.8	8.3	5.7	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	17:25	8.4	8.4	8.4	83	5.7	8	W	0.67	17	SSW	6.1	8.3	6.1	4.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	17:30	8.4	8.4	8.4	82	5.5	8	W	0.67	17	W	6.1	8.3	6.1	4.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	17:35	8.4	8.4	8.3	82	5.5	9	W	0.75	17	W	5.8	8.3	5.7	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	17:40	8.4	8.4	8.3	82	5.5	10	W	0.83	19	WNW	5.5	8.3	5.4	3.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	17:45	8.4	8.4	8.4	82	5.5	10	W	0.83	19	WNW	5.5	8.3	5.4	3.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	17:50	8.4	8.4	8.4	82	5.5	9	W	0.75	16	W	5.8	8.3	5.7	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	17:55	8.4	8.4	8.4	82	5.5	9	W	0.75	19	W	5.8	8.3	5.7	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	18:00	8.4	8.4	8.3	82	5.5	11	W	0.92	20	W	5.2	8.3	5.2	3.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.03	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	18:05	8.4	8.4	8.3	81	5.3	12	W	1.00	21	WNW	5.0	8.3	4.9	3.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	18:10	8.4	8.4	8.4	81	5.3	7	W	0.58	13	W	6.5	8.3	6.4	4.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	18:15	8.3	8.4	8.3	82	5.4	8	W	0.67	15	WSW	6.1	8.3	6.0	4.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	7.8	0	5
31/12/2018	18:20	8.3	8.3	8.3	82	5.4	7	W	0.58	17	W	6.4	8.3	6.4	4.6	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
31/12/2018	18:25	8.3	8.4	8.3	81	5.3	13	WNW	1.08	21	WNW	4.7	8.2	4.6	3.2	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	18:30	8.4	8.4	8.4	81	5.3	12	W	1.00	22	W	5.0	8.3	4.9	3.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	18:35	8.4	8.4	8.4	81	5.3	11	W	0.92	21	W	5.2	8.3	5.1	3.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	18:40	8.4	8.4	8.4	81	5.3	10	W	0.83	18	NW	5.5	8.3	5.4	3.8	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	18:45	8.4	8.4	8.4	81	5.3	10	W	0.83	18	WSW	5.5	8.3	5.4	3.8	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	18:50	8.4	8.4	8.4	82	5.5	8	W	0.67	16	W	6.1	8.3	6.1	4.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	18:55	8.4	8.4	8.4	82	5.5	9	W	0.75	18	W	5.8	8.3	5.7	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.04	0.00	0.00	48	7.2	6.1	6.7	8.3	0	5
31/12/2018	19:00	8.4	8.4	8.4	82	5.5	11	W	0.92	20	W	5.3	8.4	5.2	3.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:05	8.4	8.4	8.4	82	5.5	9	W	0.75	19	W	5.8	8.4	5.8	4.2	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:10	8.4	8.4	8.4	82	5.5	11	W	0.92	19	W	5.3	8.4	5.2	3.7	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:15	8.5	8.5	8.4	82	5.6	10	W	0.83	19	WNW	5.7	8.4	5.6	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:20	8.5	8.5	8.4	82	5.6	11	W	0.92	22	W	5.4	8.4	5.3	3.8	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:25	8.5	8.5	8.5	82	5.6	9	W	0.75	19	W	5.9	8.4	5.9	4.3	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:30	8.5	8.5	8.5	82	5.6	8	W	0.67	15	W	6.3	8.4	6.2	4.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:35	8.5	8.5	8.5	82	5.6	9	W	0.75	22	W	5.9	8.4	5.9	4.3	30.47	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:40	8.5	8.5	8.5	82	5.6	9	W	0.75	19	W	5.9	8.4	5.9	4.3	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:45	8.6	8.6	8.5	82	5.7	9	W	0.75	18	WNW	6.0	8.5	5.9	4.3	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:50	8.5	8.6	8.5	82	5.6	11	W	0.92	20	W	5.4	8.4	5.3	3.8	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	19:55	8.5	8.5	8.5	83	5.8	10	W	0.83	18	W	5.7	8.4	5.6	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:00	8.5	8.6	8.5	83	5.8	13	W	1.08	24	W	4.9	8.4	4.8	3.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:05	8.5	8.6	8.5	83	5.8	12	W	1.00	20	W	5.1	8.4	5.1	3.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:10	8.5	8.5	8.5	83	5.8	10	W	0.83	18	WNW	5.7	8.4	5.6	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:15	8.4	8.5	8.4	83	5.7	10	W	0.83	18	WNW	5.6	8.4	5.5	3.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:20	8.5	8.5	8.4	83	5.8	10	W	0.83	21	WNW	5.7	8.4	5.6	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:25	8.5	8.5	8.4	83	5.8	10	W	0.83	19	WNW	5.7	8.4	5.6	4.1	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:30	8.4	8.5	8.4	83	5.7	9	W	0.75	15	WSW	5.8	8.4	5.8	4.2	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:35	8.4	8.4	8.4	83	5.7	10	W	0.83	19	W	5.6	8.4	5.5	3.9	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:40	8.4	8.4	8.4	83	5.7	8	W	0.67	14	W	6.2	8.4	6.1	4.4	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:45	8.4	8.4	8.4	83	5.7	9	W	0.75	15	W	5.8	8.4	5.8	4.2	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:50	8.4	8.4	8.4	83	5.7	8	W	0.67	15	W	6.2	8.4	6.1	4.4	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	20:55	8.5	8.5	8.4	83	5.8	9	W	0.75	16	NW	5.9	8.4	5.9	4.3	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:00	8.6	8.6	8.5	83	5.8	8	W	0.67	17	W	6.3	8.5	6.3	4.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:05	8.6	8.6	8.6	83	5.8	8	W	0.67	16	W	6.3	8.5	6.3	4.6	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:10	8.6	8.6	8.6	83	5.9	9	W	0.75	16	W	6.1	8.6	6.0	4.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:15	8.7	8.7	8.6	83	5.9	10	W	0.83	16	W	5.8	8.6	5.8	4.2	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:20	8.7	8.7	8.6	83	5.9	9	W	0.75	19	W	6.1	8.6	6.1	4.4	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:25	8.6	8.7	8.6	83	5.9	7	W	0.58	14	W	6.8	8.6	6.7	4.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:30	8.6	8.7	8.6	83	5.9	7	W	0.58	19	W	6.8	8.6	6.7	4.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:35	8.6	8.6	8.6	83	5.9	7	WSW	0.58	16	SSW	6.8	8.6	6.7	4.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:40	8.6	8.6	8.6	84	6.0	7	W	0.58	15	W	6.7	8.6	6.7	4.9	30.46	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:45	8.6	8.6	8.6	84	6.0	9	W	0.75	16	W	6.0	8.6	6.0	4.4	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	21:50	8.6	8.6	8.6	84	6.0	8	W	0.67	14	W	6.3	8.6	6.3	4.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	THSW Index	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV Index	UV Dose	Hi UV	Heat D-D	Cool D-D	ET	Soil 1 Moist.	Soil temp 6"	Grass Min	Soil Temp 12"	Sun Temp	Leaf Wet 1	Arc. Int.
31/12/2018	21:55	8.6	8.6	8.6	84	6.0	8	W	0.67	16	W	6.3	8.6	6.3	4.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:00	8.6	8.6	8.6	84	6.0	6	W	0.50	11	W	7.0	8.6	7.0	5.2	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:05	8.6	8.6	8.6	84	6.0	8	W	0.67	16	SW	6.3	8.6	6.3	4.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:10	8.6	8.6	8.6	84	6.0	8	SW	0.67	15	W	6.3	8.6	6.3	4.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:15	8.6	8.6	8.6	84	6.0	6	SW	0.50	12	WSW	7.0	8.6	7.0	5.2	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:20	8.6	8.6	8.6	84	6.0	7	SW	0.58	14	WSW	6.7	8.6	6.7	4.9	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:25	8.6	8.6	8.6	84	6.0	6	SW	0.50	14	SSW	7.0	8.6	7.0	5.2	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:30	8.6	8.6	8.6	84	6.1	8	SW	0.67	15	SW	6.4	8.6	6.4	4.7	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:35	8.6	8.6	8.6	84	6.1	9	SW	0.75	16	W	6.1	8.6	6.1	4.4	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:40	8.7	8.7	8.6	84	6.1	9	SW	0.75	20	WSW	6.1	8.7	6.1	4.6	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:45	8.7	8.7	8.7	84	6.1	8	SW	0.67	15	SW	6.4	8.7	6.4	4.8	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:50	8.7	8.7	8.7	84	6.1	8	SW	0.67	18	SW	6.4	8.7	6.4	4.8	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	22:55	8.7	8.7	8.7	84	6.1	8	WSW	0.67	14	W	6.4	8.7	6.4	4.8	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	23:00	8.7	8.7	8.7	84	6.1	7	WSW	0.58	18	SW	6.8	8.7	6.8	5.1	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	23:05	8.7	8.7	8.7	84	6.1	7	SW	0.58	14	WSW	6.8	8.7	6.8	5.1	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	23:10	8.7	8.7	8.7	84	6.1	9	SW	0.75	17	SW	6.1	8.7	6.1	4.6	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	23:15	8.7	8.7	8.7	84	6.1	9	SW	0.75	16	SW	6.1	8.7	6.1	4.6	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	23:20	8.7	8.7	8.7	84	6.2	9	SW	0.75	18	WSW	6.2	8.7	6.2	4.6	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	23:25	8.7	8.7	8.7	84	6.2	11	SW	0.92	16	SW	5.6	8.7	5.6	4.2	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	6.7	6.7	8.3	0	5
31/12/2018	23:30	8.8	8.8	8.7	84	6.2	11	SW	0.92	22	SSW	5.7	8.8	5.7	4.3	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	7.2	6.7	8.9	0	5
31/12/2018	23:35	8.8	8.8	8.8	84	6.2	9	SW	0.75	16	WSW	6.3	8.8	6.3	4.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	7.2	6.7	8.9	0	5
31/12/2018	23:40	8.8	8.8	8.8	84	6.2	9	SW	0.75	17	W	6.3	8.8	6.3	4.7	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	7.2	6.7	8.9	0	5
31/12/2018	23:45	8.8	8.8	8.8	84	6.3	9	SW	0.75	15	WSW	6.3	8.8	6.3	4.8	30.45	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	7.2	6.7	8.9	0	5
31/12/2018	23:50	8.8	8.8	8.8	84	6.3	8	SW	0.67	16	SSW	6.7	8.8	6.7	5.1	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	7.2	6.7	8.9	0	5
31/12/2018	23:55	8.8	8.8	8.8	84	6.3	9	SW	0.75	15	WSW	6.3	8.8	6.3	4.8	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.00	48	7.2	7.2	6.7	8.9	0	5
01/01/2019	00:00	8.9	8.9	8.8	84	6.3	5	SW	0.42	11	SW	7.7	8.9	7.7	6.0	30.44	0.0	0.0	0	0.00	0	0	0.00	0.00	0.03	0.00	0.03	48	7.2	7.2	6.7	8.9	0	5