

## Ivinhema 1/11/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew	Wind Speed	Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	Solar UV
1/11/13	1:00	25.3	26.0	23.8	58	16.4	8.0	E	8.05	27.4	ESE	25.3	25.5	25.1	753.0	0.0	0.0	0	0.00	0	0.0
1/11/13	2:00	23.3	23.8	22.8	59	14.8	3.2	E	3.22	29.0	ESE	23.3	23.3	23.3	753.5	0.0	0.0	0	0.00	0	0.0
1/11/13	3:00	23.3	23.7	22.9	59	14.9	14.5	E	14.48	40.2	ESE	23.3	23.3	21.5	754.1	0.0	0.0	0	0.00	0	0.0
1/11/13	4:00	22.5	22.9	21.6	67	16.1	11.3	ESE	11.27	29.0	SSE	22.5	22.8	21.5	754.9	0.0	0.0	0	0.00	0	0.0
1/11/13	5:00	21.4	21.6	21.2	69	15.5	0.0	SE	0.00	12.9	E	21.4	21.4	21.4	754.8	0.0	0.0	0	0.00	0	0.0
1/11/13	6:00	21.5	21.7	21.3	67	15.1	0.0	ESE	0.00	14.5	ESE	21.5	21.5	21.5	755.6	0.0	0.0	36	3.10	86	0.0
1/11/13	7:00	22.3	23.2	21.7	62	14.7	0.0	---	0.00	0.0	---	22.3	22.4	22.4	756.0	0.0	0.0	207	17.80	310	0.4
1/11/13	8:00	23.8	24.4	23.2	59	15.3	6.4	ESE	6.44	22.5	E	23.8	23.8	23.8	755.9	0.0	0.0	364	31.31	440	1.0
1/11/13	9:00	25.1	25.6	24.4	57	16.0	11.3	E	11.27	24.1	E	25.1	25.2	24.2	756.2	0.0	0.0	481	41.37	540	1.7
1/11/13	10:00	25.9	26.1	25.5	56	16.4	14.5	E	14.48	27.4	ESE	25.9	26.4	25.0	756.0	0.0	0.0	542	46.62	655	2.3
1/11/13	11:00	26.8	27.8	26.0	52	16.1	12.9	ESE	12.87	25.7	ESE	26.8	27.0	26.0	755.6	0.0	0.0	618	53.15	926	3.0
1/11/13	12:00	28.1	28.7	27.6	51	17.0	12.9	E	12.87	27.4	E	28.1	29.1	28.2	754.8	0.0	0.0	701	60.29	941	3.4
1/11/13	13:00	28.9	29.9	28.3	51	17.8	8.0	ESE	8.05	27.4	E	28.9	30.1	29.8	754.3	0.0	0.0	582	50.06	748	2.6
1/11/13	14:00	30.1	30.6	29.7	48	17.8	9.7	ESE	9.66	25.7	SE	30.1	30.9	30.5	753.4	0.0	0.0	607	52.21	716	2.4
1/11/13	15:00	30.8	31.0	30.6	46	17.9	8.0	ESE	8.05	22.5	SE	30.8	31.9	31.8	752.4	0.0	0.0	479	41.20	561	1.5
1/11/13	16:00	30.8	31.0	30.6	47	18.2	4.8	ESE	4.83	14.5	E	30.8	32.1	32.1	752.1	0.0	0.0	301	25.89	429	0.7
1/11/13	17:00	30.6	30.8	30.1	52	19.6	0.0	E	0.00	11.3	ESE	30.6	32.5	32.5	752.2	0.0	0.0	136	11.70	250	0.2
1/11/13	18:00	29.3	30.1	28.3	62	21.2	0.0	---	0.00	0.0	---	29.3	31.9	31.9	752.5	0.0	0.0	29	2.49	90	0.0
1/11/13	19:00	27.3	28.3	26.8	65	20.2	0.0	---	0.00	0.0	---	27.3	29.0	29.0	753.1	0.0	0.0	0	0.00	0	0.0
1/11/13	20:00	26.3	26.8	25.8	68	19.9	0.0	---	0.00	0.0	---	26.3	27.5	27.5	753.9	0.0	0.0	0	0.00	0	0.0
1/11/13	21:00	25.6	25.8	24.9	70	19.7	0.0	---	0.00	0.0	---	25.6	26.6	26.6	754.6	0.0	0.0	0	0.00	0	0.0
1/11/13	22:00	24.2	24.8	23.7	77	19.9	0.0	---	0.00	0.0	---	24.2	25.4	25.4	754.8	0.0	0.0	0	0.00	0	0.0
1/11/13	23:00	23.6	23.8	23.3	74	18.6	0.0	NNE	0.00	14.5	NNE	23.6	24.6	24.6	754.7	0.0	0.0	0	0.00	0	0.0
2/11/13	00:00	24.6	24.8	23.8	70	18.8	0.0	ENE	0.00	14.5	ENE	24.6	25.6	25.6	754.2	0.0	0.0	0	0.00	0	0.0

## Ivinhema 2/11/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew	Wind Speed	Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	Solar UV
2/11/13	1:00	24.0	24.8	23.2	76	19.5	0.0	---	0.00	0.0	---	24.0	25.1	25.1	753.9	0.0	0.0	0	0.00	0	0.0
2/11/13	2:00	22.7	23.3	22.2	78	18.7	0.0	---	0.00	0.0	---	22.7	23.7	23.7	753.8	0.0	0.0	0	0.00	0	0.0
2/11/13	3:00	22.6	23.1	21.9	74	17.7	0.0	E	0.00	16.1	E	22.6	23.4	23.4	754.0	0.0	0.0	0	0.00	0	0.0
2/11/13	4:00	21.9	22.1	21.7	73	16.8	0.0	E	0.00	12.9	E	21.9	22.3	22.3	754.6	0.0	0.0	0	0.00	0	0.0
2/11/13	5:00	21.7	22.0	21.6	73	16.6	9.7	E	9.66	22.5	ENE	21.7	21.9	20.9	755.3	0.0	0.0	0	0.00	11	0.0
2/11/13	6:00	21.8	22.1	21.6	73	16.8	6.4	E	6.44	20.9	ESE	21.8	22.2	22.1	755.9	0.0	0.0	41	3.53	113	0.0
2/11/13	7:00	22.4	22.6	22.1	71	16.9	12.9	E	12.87	29.0	E	22.4	22.8	21.2	756.3	0.0	0.0	125	10.75	223	0.4
2/11/13	8:00	23.3	24.1	22.6	66	16.6	16.1	E	16.09	32.2	E	23.3	23.9	21.8	756.3	0.0	0.0	327	28.13	440	0.9
2/11/13	9:00	24.6	25.6	23.8	61	16.5	12.9	E	12.87	25.7	ENE	24.6	24.7	23.3	756.4	0.0	0.0	464	39.91	728	1.6
2/11/13	10:00	25.4	25.7	25.3	62	17.6	12.9	E	12.87	27.4	E	25.4	26.0	24.8	756.0	0.0	0.0	351	30.19	517	1.5
2/11/13	11:00	26.8	27.6	25.4	57	17.6	12.9	E	12.87	24.1	ENE	26.8	27.6	26.5	755.6	0.0	0.0	570	49.03	702	2.5
2/11/13	12:00	27.7	28.1	27.3	57	18.4	8.0	E	8.05	20.9	E	27.7	28.7	28.4	755.0	0.0	0.0	500	43.01	626	2.4
2/11/13	13:00	27.9	28.6	27.6	56	18.4	6.4	E	6.44	16.1	E	27.9	28.9	28.9	754.3	0.0	0.0	301	25.89	547	1.4
2/11/13	14:00	29.8	30.7	28.6	54	19.5	6.4	E	6.44	17.7	E	29.8	31.6	31.6	753.5	0.0	0.0	554	47.65	883	2.2
2/11/13	15:00	30.1	30.7	29.7	51	18.9	3.2	E	3.22	16.1	ENE	30.1	31.4	31.4	752.5	0.0	0.0	382	32.86	639	1.2
2/11/13	16:00	30.2	30.7	29.9	51	19.0	0.0	SE	0.00	11.3	SE	30.2	31.7	31.7	752.2	0.0	0.0	338	29.07	461	0.7
2/11/13	17:00	30.1	30.3	29.5	55	20.1	0.0	ESE	0.00	1.6	SE	30.1	32.2	32.2	752.5	0.0	0.0	144	12.39	311	0.2
2/11/13	18:00	28.4	29.5	27.1	64	21.0	0.0	NNW	0.00	24.1	N	28.4	30.7	30.7	753.6	0.0	0.0	11	0.95	35	0.0
2/11/13	19:00	25.0	27.1	23.7	79	21.1	14.5	NW	14.48	33.8	NW	25.0	26.9	25.4	754.6	0.0	0.0	0	0.00	0	0.0
2/11/13	20:00	23.6	23.7	23.4	82	20.3	0.0	NNW	0.00	9.7	NNW	23.6	24.7	24.7	754.8	0.8	2.2	0	0.00	0	0.0
2/11/13	21:00	23.7	23.7	23.6	86	21.2	12.9	WSW	12.87	25.7	NW	23.7	25.1	23.6	755.6	1.2	10.6	0	0.00	0	0.0
2/11/13	22:00	23.6	23.7	23.6	87	21.3	12.9	WSW	12.87	25.7	WSW	23.6	25.1	23.6	755.8	0.0	0.0	0	0.00	0	0.0
2/11/13	23:00	23.6	23.7	23.4	89	21.6	0.0	WSW	0.00	12.9	WSW	23.6	25.1	25.1	755.7	0.0	0.0	0	0.00	0	0.0
3/11/13	00:00	23.6	23.7	23.4	90	21.9	0.0	---	0.00	0.0	---	23.6	25.2	25.2	755.0	0.0	0.0	0	0.00	0	0.0

## Ivinhema 3/11/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew	Wind Speed	Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	Solar UV
3/11/13	1:00	23.6	23.8	23.4	91	22.1	0.0	---	0.00	0.0	---	23.6	25.3	25.3	754.5	0.2	0.0	0	0.00	0	0.0
3/11/13	2:00	23.5	23.6	23.4	92	22.1	0.0	---	0.00	0.0	---	23.5	25.1	25.1	753.9	0.0	0.0	0	0.00	0	0.0
3/11/13	3:00	23.3	23.6	23.2	92	22.0	0.0	---	0.00	0.0	---	23.3	24.8	24.8	754.0	0.0	0.0	0	0.00	0	0.0
3/11/13	4:00	23.5	23.8	23.3	95	22.7	0.0	---	0.00	0.0	---	23.5	25.3	25.3	754.2	0.0	0.0	0	0.00	0	0.0
3/11/13	5:00	24.2	24.7	23.7	98	23.8	0.0	---	0.00	0.0	---	24.2	26.3	26.3	754.9	0.0	0.0	1	0.09	12	0.0
3/11/13	6:00	25.1	25.8	24.5	98	24.8	0.0	---	0.00	0.0	---	25.1	28.0	28.0	755.3	0.2	0.0	50	4.30	91	0.0
3/11/13	7:00	26.6	27.4	25.6	91	25.0	0.0	---	0.00	0.0	---	26.6	30.3	30.3	755.6	0.2	0.0	149	12.82	220	0.3
3/11/13	8:00	26.9	27.6	26.1	90	25.1	0.0	---	0.00	0.0	---	26.9	30.9	30.9	756.0	0.0	0.0	111	9.55	157	0.5
3/11/13	9:00	25.6	26.1	25.3	88	23.4	0.0	---	0.00	0.0	---	25.6	28.0	28.0	756.3	0.0	0.0	116	9.98	204	0.6
3/11/13	10:00	25.7	26.6	25.3	81	22.2	1.6	W	1.61	12.9	WNW	25.7	27.8	27.8	755.9	0.2	0.0	333	28.64	755	1.9
3/11/13	11:00	26.3	26.7	25.9	77	21.9	9.7	WSW	9.66	20.9	WSW	26.3	28.3	27.6	755.2	0.0	0.0	430	36.98	753	2.6
3/11/13	12:00	26.9	28.0	26.0	80	23.1	14.5	WSW	14.48	27.4	WSW	26.9	29.8	28.6	754.6	0.0	0.0	332	28.56	1158	2.3
3/11/13	13:00	25.8	26.1	25.4	80	22.1	16.1	WSW	16.09	27.4	WSW	25.8	27.9	26.3	754.5	0.0	0.0	164	14.11	225	1.0
3/11/13	14:00	24.8	25.3	24.1	88	22.7	11.3	W	11.27	27.4	W	24.8	26.7	25.7	754.2	2.2	32.6	98	8.43	148	0.6
3/11/13	15:00	24.1	24.4	23.8	88	21.9	12.9	WSW	12.87	25.7	WSW	24.1	25.8	24.4	753.6	0.6	3.8	97	8.34	139	0.5
3/11/13	16:00	24.5	24.6	24.3	84	21.6	14.5	WSW	14.48	27.4	WSW	24.5	26.2	24.6	753.5	0.0	0.0	159	13.68	257	0.5
3/11/13	17:00	24.1	24.4	23.8	85	21.4	11.3	WSW	11.27	20.9	WSW	24.1	25.6	24.5	753.6	0.0	0.0	53	4.56	113	0.1
3/11/13	18:00	23.5	23.8	23.3	86	21.0	11.3	WSW	11.27	22.5	WSW	23.5	24.8	23.6	753.9	0.0	0.0	16	1.38	33	0.0
3/11/13	19:00	23.0	23.3	22.9	88	20.9	9.7	WSW	9.66	17.7	SW	23.0	24.1	23.2	754.4	0.0	0.0	0	0.00	0	0.0
3/11/13	20:00	22.7	22.9	22.4	88	20.6	8.0	WSW	8.05	14.5	WSW	22.7	23.7	23.1	754.7	0.0	0.0	0	0.00	0	0.0

## Ivinhema 4/11/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew	Wind Speed	Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	Solar UV
4/11/13	2:00	21.4	22.2	20.7	87	19.2	9.7	WSW	9.66	22.5	WSW	21.4	22.4	21.4	753.6	0.0	0.0	0	0.00	0	0.0
4/11/13	3:00	20.2	20.7	19.7	87	17.9	11.3	WSW	11.27	20.9	WSW	20.2	21.2	19.7	753.6	0.0	0.0	0	0.00	0	0.0
4/11/13	4:00	19.3	19.7	18.8	86	16.9	9.7	W	9.66	16.1	WSW	19.3	20.2	19.0	753.8	0.0	0.0	0	0.00	0	0.0
4/11/13	5:00	18.3	18.8	17.9	89	16.4	9.7	WSW	9.66	17.7	WSW	18.1	18.9	17.6	754.1	0.0	0.0	0	0.00	5	0.0
4/11/13	6:00	18.4	19.1	17.9	88	16.4	11.3	WSW	11.27	22.5	SW	18.1	19.1	17.4	754.7	0.0	0.0	87	7.48	190	0.1
4/11/13	7:00	19.7	20.5	19.1	81	16.3	16.1	WSW	16.09	27.4	WSW	19.3	20.7	18.0	755.0	0.0	0.0	281	24.17	375	0.5
4/11/13	8:00	21.4	22.3	20.5	73	16.4	17.7	WSW	17.70	27.4	WSW	21.4	21.7	19.1	755.3	0.0	0.0	459	39.48	540	1.3
4/11/13	9:00	23.3	24.1	22.3	67	16.8	16.1	WSW	16.09	29.0	WSW	23.3	23.9	21.9	755.5	0.0	0.0	611	52.55	674	2.2
4/11/13	10:00	25.2	26.0	24.1	58	16.4	17.7	SW	17.70	29.0	WSW	25.2	25.4	23.5	755.0	0.0	0.0	726	62.44	771	3.3
4/11/13	11:00	26.7	27.4	25.9	50	15.4	17.7	SW	17.70	33.8	WSW	26.7	26.7	25.1	754.4	0.0	0.0	815	70.10	901	4.0
4/11/13	12:00	27.7	28.0	27.3	48	15.7	14.5	SW	14.48	33.8	SW	27.7	28.2	27.1	753.6	0.0	0.0	832	71.56	929	4.1
4/11/13	13:00	28.4	28.9	27.9	37	12.3	14.5	WSW	14.48	29.0	WSW	28.4	28.2	27.1	752.9	0.0	0.0	766	65.88	804	3.7
4/11/13	14:00	28.8	29.2	28.4	29	9.0	14.5	WSW	14.48	35.4	SW	28.8	27.7	26.8	752.3	0.0	0.0	673	57.89	730	2.8
4/11/13	15:00	28.8	28.9	28.6	32	10.4	16.1	WSW	16.09	29.0	WSW	28.8	28.0	26.9	751.8	0.0	0.0	538	46.27	614	1.7
4/11/13	16:00	28.1	28.6	27.6	32	9.8	17.7	WSW	17.70	29.0	SW	28.1	27.3	25.8	751.6	0.0	0.0	374	32.17	457	0.9
4/11/13	17:00	26.8	27.6	25.9	38	11.3	16.1	WSW	16.09	27.4	WSW	26.8	26.6	25.1	751.9	0.0	0.0	126	10.84	285	0.3
4/11/13	18:00	23.9	25.9	21.4	51	13.2	8.0	WSW	8.05	22.5	WSW	23.9	23.9	23.5	752.5	0.0	0.0	33	2.84	95	0.0
4/11/13	19:00	19.9	21.4	18.9	62	12.4	1.6	WSW	1.61	6.4	WSW	19.9	19.9	19.9	753.3	0.0	0.0	0	0.00	0	0.0
4/11/13	20:00	18.6	18.9	18.1	68	12.6	0.0	---	0.00	0.0	---	18.6	18.4	18.4	753.7	0.0	0.0	0	0.00	0	0.0
4/11/13	21:00	17.6	18.1	17.3	74	12.9	0.0	---	0.00	0.0	---	17.6	17.6	17.6	754.0	0.0	0.0	0	0.00	0	0.0
4/11/13	22:00	17.6	17.8	17.4	75	13.1	0.0	---	0.00	0.0	---	17.6	17.6	17.6	753.9	0.0	0.0	0	0.00	0	0.0
4/11/13	23:00	17.5	17.7	17.3	78	13.6	0.0	---	0.00	0.0	---	17.5	17.8	17.8	753.5	0.0	0.0	0	0.00	0	0.0
5/11/13	00:00	17.4	17.6	17.3	83	14.5	0.0	---	0.00	0.0	---	17.4	17.9	17.9	753.1	0.0	0.0	0	0.00	0	0.0

## Ivinhema 5/11/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew	Wind Speed	Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	Solar UV
5/11/13	1:00	17.8	18.2	17.5	82	14.7	0.0	---	0.00	0.0	---	17.8	18.4	18.4	753.1	0.0	0.0	0	0.00	0	0.0
5/11/13	2:00	18.1	18.8	17.3	84	15.3	0.0	---	0.00	0.0	---	18.1	18.7	18.7	753.3	0.0	0.0	0	0.00	0	0.0
5/11/13	3:00	17.8	18.3	16.8	86	15.4	0.0	---	0.00	0.0	---	17.8	18.3	18.3	753.5	0.0	0.0	0	0.00	0	0.0
5/11/13	4:00	16.8	17.3	16.7	90	15.2	0.0	---	0.00	0.0	---	16.8	17.3	17.3	753.8	0.0	0.0	0	0.00	0	0.0
5/11/13	5:00	18.1	18.9	17.3	90	16.4	0.0	---	0.00	0.0	---	18.1	18.7	18.7	754.2	0.0	0.0	0	0.00	0	0.0
5/11/13	6:00	20.9	22.3	18.9	82	17.8	0.0	---	0.00	0.0	---	20.9	21.9	21.9	754.9	0.0	0.0	60	5.16	187	0.1
5/11/13	7:00	22.4	22.7	22.3	73	17.3	1.6	SE	1.61	16.1	SE	22.4	22.9	22.9	755.7	0.0	0.0	255	21.93	413	0.5
5/11/13	8:00	22.8	23.7	22.3	62	15.2	9.7	ESE	9.66	22.5	SE	22.8	23.0	22.1	756.1	0.0	0.0	284	24.43	405	0.9
5/11/13	9:00	24.4	25.0	23.7	53	14.2	9.7	ESE	9.66	20.9	SE	24.4	24.4	23.6	756.2	0.0	0.0	581	49.97	829	2.1
5/11/13	10:00	25.9	26.6	24.9	48	14.1	6.4	E	6.44	20.9	E	25.9	25.9	25.9	755.9	0.0	0.0	715	61.50	755	3.2
5/11/13	11:00	27.2	27.7	26.4	46	14.5	8.0	E	8.05	20.9	E	27.2	27.3	27.0	755.6	0.0	0.0	776	66.74	788	3.9
5/11/13	12:00	28.4	28.8	27.7	44	15.0	6.4	E	6.44	16.1	ENE	28.4	28.8	28.8	755.2	0.0	0.0	783	67.35	790	4.1
5/11/13	13:00	29.2	29.6	28.7	43	15.3	3.2	E	3.22	16.1	E	29.2	29.4	29.4	754.6	0.0	0.0	779	67.00	892	3.6
5/11/13	14:00	29.8	30.3	29.3	42	15.5	1.6	E	1.61	14.5	ENE	29.8	30.1	30.1	753.8	0.0	0.0	677	58.23	795	2.8
5/11/13	15:00	30.5	30.8	30.2	40	15.4	1.6	E	1.61	12.9	E	30.5	30.5	30.5	753.4	0.0	0.0	570	49.03	621	1.7
5/11/13	16:00	30.5	30.8	29.8	42	16.1	0.0	E	0.00	1.6	ESE	30.5	30.8	30.8	753.3	0.0	0.0	317	27.27	473	0.7
5/11/13	17:00	29.6	29.9	29.4	41	14.9	0.0	ESE	0.00	1.6	ESE	29.6	29.7	29.7	753.5	0.0	0.0	106	9.12	341	0.2
5/11/13	18:00	28.6	29.4	27.3	53	18.0	0.0	---	0.00	0.0	---	28.6	29.7	29.7	753.7	0.0	0.0	25	2.15	76	0.0
5/11/13	19:00	26.2	27.3	25.6	64	18.9	0.0	---	0.00	0.0	---	26.2	27.3	27.3	754.4	0.0	0.0	0	0.00	0	0.0
5/11/13	20:00	25.7	26.2	24.1	74	20.7	0.0	---	0.00	0.0	---	25.7	27.2	27.2	754.8	0.0	0.0	0	0.00	0	0.0
5/11/13	21:00	23.4	24.1	22.7	77	19.1	0.0	---	0.00	0.0	---	23.4	24.4	24.4	755.3	0.0	0.0	0	0.00	0	0.0
5/11/13	22:00	23.6	25.0	22.5	60	15.3	3.2	ESE	3.22	24.1	ESE	23.6	23.6	23.6	755.8	0.0	0.0	0	0.00	0	0.0

## Ivinhema 9/11/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew	Wind Speed	Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV
9/11/13	2:00	20.4	20.5	20.3	87	18.2	0.0	---	0.00	0.0	---	20.4	21.4	21.4	751.7	0.0	0.0	0	0.00	0	0.0
9/11/13	3:00	20.7	21.2	20.3	87	18.5	0.0	---	0.00	0.0	---	20.7	21.7	21.7	751.6	0.0	0.0	0	0.00	0	0.0
9/11/13	4:00	20.8	21.0	20.6	86	18.4	0.0	---	0.00	0.0	---	20.8	21.8	21.8	751.7	0.0	0.0	0	0.00	0	0.0
9/11/13	5:00	20.7	21.2	20.3	85	18.1	0.0	---	0.00	0.0	---	20.7	21.7	21.7	752.2	0.0	0.0	1	0.09	9	0.0
9/11/13	6:00	21.1	22.8	20.2	76	16.7	0.0	---	0.00	0.0	---	21.1	21.7	21.7	752.3	0.0	0.0	94	8.09	188	0.0

## Ivinhema 13/11/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew	Wind Speed	Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	Solar UV
13/11/13	11:00	29.9	30.6	29.3	35	12.8	1.6	E	1.61	12.9	SE	29.9	29.4	29.4	757.0	0.0	0.0	795	68.38	806	3.6
13/11/13	12:00	30.9	31.4	30.3	30	11.3	1.6	E	1.61	16.1	N	30.9	29.9	29.9	756.2	0.0	0.0	805	69.24	809	3.8
13/11/13	13:00	32.0	32.5	31.2	29	11.7	0.0	E	0.00	14.5	NNE	32.0	31.0	31.0	755.4	0.0	0.0	761	65.45	794	3.4
13/11/13	14:00	32.9	33.4	32.2	28	12.0	0.0	E	0.00	9.7	E	32.9	32.3	32.3	754.7	0.0	0.0	666	57.28	720	2.5
13/11/13	15:00	33.4	33.7	33.2	27	11.9	1.6	E	1.61	14.5	NE	33.4	32.8	32.8	754.1	0.0	0.0	528	45.41	602	1.5
13/11/13	16:00	33.4	33.6	33.1	27	11.9	0.0	E	0.00	9.7	ENE	33.4	32.8	32.8	753.7	0.0	0.0	364	31.31	449	0.8
13/11/13	17:00	33.3	33.6	32.9	29	12.8	0.0	---	0.00	0.0	---	33.3	33.1	33.1	753.8	0.0	0.0	130	11.18	274	0.2
13/11/13	18:00	31.2	32.9	29.2	38	15.2	0.0	---	0.00	0.0	---	31.2	31.2	31.2	753.8	0.0	0.0	37	3.18	91	0.0
13/11/13	19:00	28.3	29.2	27.4	47	15.9	0.0	---	0.00	0.0	---	28.3	28.9	28.9	754.3	0.0	0.0	0	0.00	0	0.0
13/11/13	20:00	26.9	27.4	26.6	48	15.0	0.0	---	0.00	0.0	---	26.9	26.9	26.9	754.7	0.0	0.0	0	0.00	0	0.0
13/11/13	21:00	24.2	26.6	23.1	55	14.6	0.0	---	0.00	0.0	---	24.2	24.2	24.2	755.3	0.0	0.0	0	0.00	0	0.0
13/11/13	22:00	24.0	25.0	23.3	55	14.4	0.0	---	0.00	0.0	---	24.0	24.0	24.0	755.4	0.0	0.0	0	0.00	0	0.0
13/11/13	23:00	25.1	25.5	23.9	52	14.6	1.6	ESE	1.61	16.1	ESE	25.1	25.1	25.1	755.4	0.0	0.0	0	0.00	0	0.0
14/11/13	00:00	25.7	25.9	25.5	51	14.8	11.3	ESE	11.27	25.7	E	25.7	25.8	24.8	755.4	0.0	0.0	0	0.00	0	0.0

## Ivinhema 14/11/13

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew	Wind Speed	Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW	Bar	Rain	Rain Rate	Solar Rad.	Solar Energy	Hi Solar Rad.	UV
14/11/13	1:00	24.7	25.5	24.2	53	14.5	9.7	ESE	9.66	24.1	ESE	24.7	24.7	24.0	755.3	0.0	0.0	0	0.00	0	0.0



## Ivinhema 1/11/13

Date	Time	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	ET	Wind Samp	Wind Tx	ISS Receipt	Arc. Int.
1/11/13	1:00	0.00	0.0	0.000	0.289	26.0	67	0.10	1368	1	100.0	60
1/11/13	2:00	0.00	0.0	0.000	0.206	23.7	70	0.05	1368	1	100.0	60
1/11/13	3:00	0.00	0.0	0.000	0.208	22.9	71	0.10	1368	1	100.0	60
1/11/13	4:00	0.00	0.0	0.000	0.174	22.4	71	0.08	1330	1	97.2	60
1/11/13	5:00	0.00	0.0	0.000	0.127	21.2	72	0.00	1368	1	100.0	60
1/11/13	6:00	0.00	0.0	0.000	0.132	21.4	67	0.03	1368	1	100.0	60
1/11/13	7:00	0.17	0.6	0.000	0.167	25.6	54	0.13	1368	1	100.0	60
1/11/13	8:00	0.43	1.3	0.000	0.227	30.8	47	0.28	1368	1	100.0	60
1/11/13	9:00	0.73	2.1	0.000	0.282	34.3	43	0.38	1368	1	100.0	60
1/11/13	10:00	0.99	2.7	0.000	0.315	35.9	40	0.43	1368	1	100.0	60
1/11/13	11:00	1.29	4.0	0.000	0.352	37.0	39	0.51	1368	1	100.0	60
1/11/13	12:00	1.46	4.1	0.000	0.407	38.4	39	0.56	1368	1	100.0	60
1/11/13	13:00	1.11	3.2	0.000	0.442	38.9	41	0.46	1368	1	100.0	60
1/11/13	14:00	1.03	2.9	0.000	0.488	39.7	42	0.48	1368	1	100.0	60
1/11/13	15:00	0.64	1.9	0.000	0.521	40.1	41	0.41	1368	1	100.0	60
1/11/13	16:00	0.30	1.1	0.000	0.519	39.7	41	0.25	1368	1	100.0	60
1/11/13	17:00	0.09	0.4	0.000	0.509	38.9	44	0.10	1368	1	100.0	60
1/11/13	18:00	0.00	0.0	0.000	0.456	35.7	47	0.03	1368	1	100.0	60
1/11/13	19:00	0.00	0.0	0.000	0.375	31.8	49	0.05	1368	1	100.0	60
1/11/13	20:00	0.00	0.0	0.000	0.331	30.0	49	0.03	1331	1	97.3	60
1/11/13	21:00	0.00	0.0	0.000	0.301	28.9	50	0.03	1368	1	100.0	60
1/11/13	22:00	0.00	0.0	0.000	0.245	27.6	51	0.03	1368	1	100.0	60
1/11/13	23:00	0.00	0.0	0.000	0.218	26.8	52	0.03	1368	1	100.0	60
2/11/13	00:00	0.00	0.0	0.000	0.262	26.8	55	0.03	1368	1	100.0	60

## Ivinhema 2/11/13

Date	Time	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	ET	Wind Samp	Wind Tx	ISS Receipt	Arc. Int.
2/11/13	1:00	0.00	0.0	0.000	0.236	25.0	63	0.03	1368	1	100.0	60
2/11/13	2:00	0.00	0.0	0.000	0.183	22.6	66	0.03	1368	1	100.0	60
2/11/13	3:00	0.00	0.0	0.000	0.178	22.0	67	0.03	1368	1	100.0	60
2/11/13	4:00	0.00	0.0	0.000	0.148	21.6	68	0.03	1368	1	100.0	60
2/11/13	5:00	0.00	0.0	0.000	0.139	21.3	69	0.05	1368	1	100.0	60
2/11/13	6:00	0.00	0.0	0.000	0.146	21.8	64	0.05	1368	1	100.0	60
2/11/13	7:00	0.17	0.5	0.000	0.169	24.8	56	0.13	1368	1	100.0	60
2/11/13	8:00	0.39	1.3	0.000	0.206	28.6	47	0.28	1368	1	100.0	60
2/11/13	9:00	0.69	2.2	0.000	0.259	33.0	41	0.36	1368	1	100.0	60
2/11/13	10:00	0.64	1.9	0.000	0.296	35.4	41	0.30	1368	1	100.0	60
2/11/13	11:00	1.07	3.0	0.000	0.354	36.7	39	0.46	1368	1	100.0	60
2/11/13	12:00	1.03	3.2	0.000	0.391	38.6	40	0.41	1368	1	100.0	60
2/11/13	13:00	0.60	2.3	0.000	0.400	37.7	41	0.25	1368	1	100.0	60
2/11/13	14:00	0.94	3.1	0.000	0.479	39.7	41	0.43	1368	1	100.0	60
2/11/13	15:00	0.51	1.6	0.000	0.491	40.0	41	0.28	1368	1	100.0	60
2/11/13	16:00	0.30	0.9	0.000	0.495	39.8	41	0.23	1368	1	100.0	60
2/11/13	17:00	0.09	0.5	0.000	0.491	39.1	44	0.10	1368	1	100.0	60
2/11/13	18:00	0.00	0.0	0.000	0.421	34.6	48	0.03	1368	1	100.0	60
2/11/13	19:00	0.00	0.0	0.000	0.278	30.8	48	0.08	1368	1	100.0	60
2/11/13	20:00	0.00	0.0	0.000	0.218	27.8	50	0.03	1368	1	100.0	60
2/11/13	21:00	0.00	0.0	0.000	0.222	26.6	51	0.05	1368	1	100.0	60
2/11/13	22:00	0.00	0.0	0.000	0.220	25.8	53	0.03	1368	1	100.0	60
2/11/13	23:00	0.00	0.0	0.000	0.218	25.1	59	0.03	1368	1	100.0	60
3/11/13	00:00	0.00	0.0	0.000	0.220	23.1	67	0.00	1368	1	100.0	60

Date	Time	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	ET	Wind Samp	Wind Tx	ISS Receipt	Arc. Int.
3/11/13	1:00	0.00	0.0	0.000	0.220	22.1	70	0.00	1368	1	100.0	60
3/11/13	2:00	0.00	0.0	0.000	0.215	21.6	72	0.00	1331	1	97.3	60
3/11/13	3:00	0.00	0.0	0.000	0.208	21.3	73	0.00	1368	1	100.0	60
3/11/13	4:00	0.00	0.0	0.000	0.215	21.1	74	0.00	1368	1	100.0	60
3/11/13	5:00	0.00	0.0	0.000	0.243	21.2	75	0.00	1368	1	100.0	60
3/11/13	6:00	0.00	0.0	0.000	0.282	22.3	68	0.03	1368	1	100.0	60
3/11/13	7:00	0.13	0.5	0.000	0.343	26.4	57	0.10	1368	1	100.0	60
3/11/13	8:00	0.21	0.6	0.000	0.356	28.5	58	0.08	1368	1	100.0	60
3/11/13	9:00	0.26	1.1	0.000	0.301	28.3	58	0.08	1368	1	100.0	60
3/11/13	10:00	0.81	3.8	0.000	0.308	32.2	46	0.25	1368	1	100.0	60
3/11/13	11:00	1.11	4.2	0.000	0.331	37.3	44	0.33	1368	1	100.0	60
3/11/13	12:00	0.99	5.2	0.000	0.356	37.8	46	0.33	1368	1	100.0	60
3/11/13	13:00	0.43	1.4	0.000	0.313	33.7	50	0.15	1368	1	100.0	60
3/11/13	14:00	0.26	0.8	0.000	0.269	30.9	51	0.10	1368	1	100.0	60
3/11/13	15:00	0.21	0.6	0.000	0.238	28.2	53	0.08	1368	1	100.0	60
3/11/13	16:00	0.21	0.6	0.000	0.257	28.9	51	0.13	1331	1	97.3	60
3/11/13	17:00	0.04	0.4	0.000	0.238	28.7	56	0.05	1368	1	100.0	60
3/11/13	18:00	0.00	0.0	0.000	0.215	27.0	63	0.05	1368	1	100.0	60
3/11/13	19:00	0.00	0.0	0.000	0.194	24.1	72	0.03	1368	1	100.0	60
3/11/13	20:00	0.00	0.0	0.000	0.181	22.4	75	0.03	1368	1	100.0	60

## Ivinhema 4/11/13

Date	Time	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	ET	Wind Samp	Wind Tx	ISS Receipt	Arc. Int.
4/11/13	2:00	0.00	0.0	0.000	0.130	19.7	80	0.03	1368	1	100.0	60
4/11/13	3:00	0.00	0.0	0.000	0.076	19.1	80	0.03	1368	1	100.0	60
4/11/13	4:00	0.00	0.0	0.000	0.039	18.3	81	0.03	1368	1	100.0	60
4/11/13	5:00	0.00	0.0	0.002	0.000	17.2	81	0.03	1368	1	100.0	60
4/11/13	6:00	0.04	0.3	0.000	0.002	17.6	79	0.08	1368	1	100.0	60
4/11/13	7:00	0.21	0.8	0.000	0.056	22.4	72	0.20	1308	1	95.6	60
4/11/13	8:00	0.56	1.7	0.000	0.130	26.5	65	0.33	1368	1	100.0	60
4/11/13	9:00	0.94	2.8	0.000	0.206	29.6	61	0.43	1368	1	100.0	60
4/11/13	10:00	1.41	3.8	0.000	0.287	31.9	57	0.56	1368	1	100.0	60
4/11/13	11:00	1.71	4.4	0.000	0.350	35.1	43	0.63	1368	1	100.0	60
4/11/13	12:00	1.76	4.5	0.000	0.389	37.3	44	0.63	1368	1	100.0	60
4/11/13	13:00	1.59	4.0	0.000	0.421	37.8	44	0.66	1368	1	100.0	60
4/11/13	14:00	1.20	3.3	0.000	0.435	38.1	43	0.61	1368	1	100.0	60
4/11/13	15:00	0.73	2.2	0.000	0.435	37.9	42	0.53	1368	1	100.0	60
4/11/13	16:00	0.39	1.3	0.000	0.405	37.4	41	0.46	1368	1	100.0	60
4/11/13	17:00	0.13	0.5	0.000	0.352	35.6	44	0.25	1368	1	100.0	60
4/11/13	18:00	0.00	0.0	0.000	0.234	31.0	48	0.10	1368	1	100.0	60
4/11/13	19:00	0.00	0.0	0.000	0.065	25.3	50	0.05	1368	1	100.0	60
4/11/13	20:00	0.00	0.0	0.000	0.012	22.6	51	0.03	1368	1	100.0	60
4/11/13	21:00	0.00	0.0	0.032	0.000	21.2	52	0.03	1368	1	100.0	60
4/11/13	22:00	0.00	0.0	0.032	0.000	20.1	53	0.03	1368	1	100.0	60
4/11/13	23:00	0.00	0.0	0.035	0.000	19.5	54	0.03	1368	1	100.0	60
5/11/13	00:00	0.00	0.0	0.039	0.000	18.4	62	0.03	1368	1	100.0	60

## Ivinhema 5/11/13

Date	Time	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	ET	Wind Samp	Wind Tx	ISS Receipt	Arc. Int.
5/11/13	1:00	0.00	0.0	0.021	0.000	16.3	68	0.03	1368	1	100.0	60
5/11/13	2:00	0.00	0.0	0.012	0.000	15.6	71	0.03	1368	1	100.0	60
5/11/13	3:00	0.00	0.0	0.023	0.000	15.4	72	0.00	1368	1	100.0	60
5/11/13	4:00	0.00	0.0	0.063	0.000	14.8	73	0.00	1331	1	97.3	60
5/11/13	5:00	0.00	0.0	0.012	0.000	15.4	74	0.00	1368	1	100.0	60
5/11/13	6:00	0.04	0.3	0.000	0.109	17.8	73	0.05	1368	1	100.0	60
5/11/13	7:00	0.21	0.6	0.000	0.169	25.3	55	0.15	1368	1	100.0	60
5/11/13	8:00	0.39	1.3	0.000	0.187	29.6	48	0.23	1368	1	100.0	60
5/11/13	9:00	0.90	2.7	0.000	0.252	33.5	48	0.43	1368	1	100.0	60
5/11/13	10:00	1.37	3.7	0.000	0.317	34.4	51	0.51	1368	1	100.0	60
5/11/13	11:00	1.67	4.1	0.000	0.368	36.0	42	0.58	1368	1	100.0	60
5/11/13	12:00	1.76	4.1	0.000	0.419	37.8	43	0.56	1368	1	100.0	60
5/11/13	13:00	1.54	4.0	0.000	0.451	38.8	44	0.53	1368	1	100.0	60
5/11/13	14:00	1.20	3.3	0.000	0.479	39.7	45	0.46	1368	1	100.0	60
5/11/13	15:00	0.73	2.2	0.000	0.507	40.2	44	0.38	1368	1	100.0	60
5/11/13	16:00	0.30	1.2	0.000	0.507	40.2	46	0.23	1368	1	100.0	60
5/11/13	17:00	0.09	0.4	0.000	0.468	37.6	48	0.10	1368	1	100.0	60
5/11/13	18:00	0.00	0.0	0.000	0.426	34.4	50	0.03	1368	1	100.0	60
5/11/13	19:00	0.00	0.0	0.000	0.329	30.6	52	0.05	1368	1	100.0	60
5/11/13	20:00	0.00	0.0	0.000	0.308	29.3	51	0.03	1368	1	100.0	60
5/11/13	21:00	0.00	0.0	0.000	0.211	27.2	52	0.03	1368	1	100.0	60
5/11/13	22:00	0.00	0.0	0.000	0.218	26.1	55	0.05	1368	1	100.0	60

## Ivinhema 9/11/13

Date	Time	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	ET	Wind Samp	Wind Tx	ISS Receipt	Arc. Int.
9/11/13	2:00	0.00	0.0	0.000	0.088	18.6	64	0.03	1368	1	100.0	60
9/11/13	3:00	0.00	0.0	0.000	0.100	18.5	65	0.00	1368	1	100.0	60
9/11/13	4:00	0.00	0.0	0.000	0.104	18.4	66	0.03	1368	1	100.0	60
9/11/13	5:00	0.00	0.0	0.000	0.100	18.4	66	0.00	1368	1	100.0	60
9/11/13	6:00	0.00	0.3	0.000	0.116	20.2	65	0.05	1368	1	100.0	60

## Ivinhema 13/11/13

Date	Time	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	ET	Wind Samp	Wind Tx	ISS Receipt	Arc. Int.
13/11/13	11:00	1.54	3.8	0.000	0.484	37.2	36	0.56	1368	1	100.0	60
13/11/13	12:00	1.63	3.8	0.000	0.525	40.1	35	0.56	1368	1	100.0	60
13/11/13	13:00	1.46	3.7	0.000	0.569	41.3	36	0.53	1368	1	100.0	60
13/11/13	14:00	1.07	3.0	0.000	0.606	41.9	36	0.48	1331	1	97.3	60
13/11/13	15:00	0.64	2.0	0.000	0.630	42.3	35	0.41	1368	1	100.0	60
13/11/13	16:00	0.34	1.1	0.000	0.630	42.2	36	0.28	1368	1	100.0	60
13/11/13	17:00	0.09	0.5	0.000	0.623	41.3	37	0.10	1368	1	100.0	60
13/11/13	18:00	0.00	0.0	0.000	0.537	37.8	40	0.05	1368	1	100.0	60
13/11/13	19:00	0.00	0.0	0.000	0.414	32.9	41	0.08	1368	1	100.0	60
13/11/13	20:00	0.00	0.0	0.000	0.356	30.3	42	0.05	1367	1	99.9	60
13/11/13	21:00	0.00	0.0	0.000	0.245	28.2	43	0.05	1368	1	100.0	60
13/11/13	22:00	0.00	0.0	0.000	0.236	25.8	49	0.05	1368	1	100.0	60
13/11/13	23:00	0.00	0.0	0.000	0.282	24.3	53	0.05	1368	1	100.0	60
14/11/13	00:00	0.00	0.0	0.000	0.308	24.9	54	0.13	1368	1	100.0	60

## Ivinhema 14/11/13

Date	Time	UV Dose	Hi UV	Heat D-D	Cool D-D	In Temp	In Hum	ET	Wind Samp	Wind Tx	ISS Receipt	Arc. Int.
14/11/13	1:00	0.00	0.0	0.000	0.266	24.5	55	0.10	1369	1	100.0	60