

## Ivinhema 1/09/03

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
1/09/03	1:00	10.4	10.6	10.1	91	9.0	0.0	N	0.00	3.2	N	10.4	10.6	10.6	761.8	0.0	0.0	0	0.00	0	0.0
1/09/03	2:00	10.1	10.6	9.2	92	8.8	0.0	N	0.00	3.2	N	10.1	10.3	10.3	761.7	0.0	0.0	0	0.00	0	0.0
1/09/03	3:00	8.8	9.2	8.7	93	7.8	1.6	WNW	1.61	4.8	WNW	8.8	9.0	9.0	761.8	0.0	0.0	0	0.00	0	0.0
1/09/03	4:00	8.8	9.1	8.5	94	7.9	1.6	WNW	1.61	4.8	WNW	8.8	8.9	8.9	762.0	0.0	0.0	0	0.00	0	0.0
1/09/03	5:00	8.6	8.8	8.3	95	7.9	0.0	WNW	0.00	3.2	WNW	8.6	8.8	8.8	762.4	0.0	0.0	0	0.00	0	0.0
1/09/03	6:00	8.3	8.6	8.2	95	7.6	0.0	WNW	0.00	3.2	WNW	8.3	8.5	8.5	763.1	0.0	0.0	3	0.26	16	0.0
1/09/03	7:00	9.2	11.4	8.3	93	8.1	0.0	W	0.00	4.8	W	9.2	9.4	9.4	763.8	0.0	0.0	79	6.79	141	0.3
1/09/03	8:00	13.7	16.1	11.4	79	10.1	1.6	WSW	1.61	9.7	SW	13.7	13.6	13.6	764.4	0.0	0.0	217	18.66	311	0.8
1/09/03	9:00	18.1	20.7	16.1	59	9.9	3.2	SSE	3.22	9.7	SSE	18.1	17.7	17.6	764.5	0.0	0.0	382	32.86	466	2.0
1/09/03	10:00	21.8	23.3	20.7	48	10.3	3.2	ESE	3.22	9.7	ESE	21.8	20.9	20.9	764.3	0.0	0.0	522	44.90	567	3.7
1/09/03	11:00	23.9	24.7	23.3	45	11.3	6.4	SE	6.44	17.7	S	23.9	23.4	23.4	764.2	0.0	0.0	606	52.12	632	5.1
1/09/03	12:00	25.6	26.6	24.5	35	9.0	6.4	SSE	6.44	19.3	SSW	25.6	24.9	24.9	763.3	0.0	0.0	638	54.88	648	5.8
1/09/03	13:00	27.2	28.1	26.4	32	9.1	6.4	ENE	6.44	12.9	ENE	27.2	26.4	26.4	762.6	0.0	0.0	616	52.98	637	5.4
1/09/03	14:00	28.8	29.7	28.1	31	10.0	3.2	E	3.22	11.3	NE	28.8	27.9	27.9	761.7	0.0	0.0	538	46.27	586	4.1
1/09/03	15:00	28.9	29.4	28.8	34	11.5	3.2	E	3.22	9.7	ENE	28.9	28.3	28.3	761.4	0.0	0.0	412	35.44	480	2.5
1/09/03	16:00	28.9	29.2	28.7	34	11.5	1.6	SSE	1.61	8.0	SSE	28.9	28.3	28.3	761.4	0.0	0.0	236	20.30	345	1.1
1/09/03	17:00	27.6	28.7	26.3	47	15.3	0.0	SSE	0.00	1.6	SSE	27.6	28.1	28.1	761.7	0.0	0.0	78	6.71	139	0.3
1/09/03	18:00	24.9	26.3	23.7	47	12.8	0.0	SSE	0.00	1.6	SSE	24.9	24.6	24.6	761.9	0.0	0.0	8	0.69	32	0.0
1/09/03	19:00	21.8	23.7	20.1	73	16.8	0.0	SSE	0.00	3.2	SSE	21.8	22.2	22.2	762.3	0.0	0.0	0	0.00	0	0.0
1/09/03	20:00	18.6	20.1	16.7	85	16.0	0.0	S	0.00	4.8	SSW	18.6	19.3	19.3	762.4	0.0	0.0	0	0.00	0	0.0
1/09/03	21:00	16.1	16.7	15.7	81	12.8	0.0	SSW	0.00	3.2	SSW	16.1	16.3	16.3	762.5	0.0	0.0	0	0.00	0	0.0
1/09/03	22:00	15.0	15.7	14.5	86	12.7	0.0	SSW	0.00	3.2	SSW	15.0	15.2	15.2	762.5	0.0	0.0	0	0.00	0	0.0
1/09/03	23:00	13.7	14.5	12.8	91	12.3	1.6	S	1.61	8.0	SW	13.7	13.8	13.8	762.6	0.0	0.0	0	0.00	0	0.0
2/09/03	00:00	13.4	14.0	12.7	87	11.3	1.6	N	1.61	8.0	N	13.4	13.4	13.4	762.4	0.0	0.0	0	0.00	0	0.0

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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
2/09/03	1:00	13.7	14.0	13.4	87	11.5	1.6	N	1.61	3.2	N	13.7	13.7	13.7	762.3	0.0	0.0	0	0.00	0	0.0
2/09/03	2:00	13.1	13.5	12.1	92	11.8	0.0	N	0.00	4.8	WSW	13.1	13.2	13.2	762.1	0.0	0.0	0	0.00	0	0.0
2/09/03	3:00	11.7	12.1	11.6	93	10.6	0.0	WSW	0.00	4.8	WSW	11.7	11.9	11.9	762.2	0.0	0.0	0	0.00	0	0.0
2/09/03	4:00	11.5	11.6	11.4	94	10.6	1.6	W	1.61	3.2	WSW	11.5	11.7	11.7	762.5	0.0	0.0	0	0.00	0	0.0
2/09/03	5:00	11.1	11.6	10.9	95	10.3	1.6	W	1.61	4.8	W	11.1	11.3	11.3	763.0	0.0	0.0	0	0.00	0	0.0
2/09/03	6:00	11.1	11.4	10.8	96	10.4	1.6	NW	1.61	4.8	NW	11.1	11.3	11.3	763.5	0.0	0.0	2	0.17	12	0.0
2/09/03	7:00	12.1	13.7	11.1	94	11.2	0.0	WNW	0.00	4.8	NW	12.1	12.2	12.2	764.3	0.0	0.0	44	3.78	72	0.2
2/09/03	8:00	15.6	17.3	13.7	84	12.9	3.2	SSW	3.22	11.3	SW	15.6	15.8	15.8	764.7	0.0	0.0	175	15.05	303	0.8
2/09/03	9:00	19.6	21.6	17.1	64	12.6	4.8	SSE	4.83	11.3	SW	19.6	19.6	19.6	764.9	0.0	0.0	379	32.60	473	2.1
2/09/03	10:00	23.6	24.9	21.6	50	12.6	4.8	SSE	4.83	12.9	ENE	23.6	23.6	23.6	764.6	0.0	0.0	530	45.59	574	3.7
2/09/03	11:00	25.9	26.7	24.9	46	13.4	6.4	E	6.44	12.9	ENE	25.9	25.8	25.8	764.2	0.0	0.0	604	51.95	639	5.0
2/09/03	12:00	27.7	28.2	26.7	42	13.6	6.4	E	6.44	12.9	E	27.7	27.8	27.8	763.2	0.0	0.0	642	55.22	667	5.6
2/09/03	13:00	28.7	29.4	28.0	40	13.8	6.4	E	6.44	12.9	E	28.7	28.7	28.7	762.4	0.0	0.0	607	52.21	630	5.2
2/09/03	14:00	29.8	30.1	29.3	35	12.7	6.4	ENE	6.44	12.9	ENE	29.8	29.3	29.3	761.7	0.0	0.0	519	44.64	572	3.9
2/09/03	15:00	30.1	30.6	29.7	31	11.1	6.4	E	6.44	12.9	E	30.1	29.2	29.2	761.5	0.0	0.0	384	33.03	459	2.3
2/09/03	16:00	30.3	30.8	29.7	36	13.5	3.2	E	3.22	8.0	E	30.3	29.9	29.9	761.3	0.0	0.0	245	21.07	310	1.1
2/09/03	17:00	28.9	29.7	27.8	46	16.1	1.6	E	1.61	4.8	E	28.9	29.5	29.5	761.6	0.0	0.0	86	7.40	155	0.3
2/09/03	18:00	25.7	27.8	24.4	54	15.7	0.0	E	0.00	3.2	E	25.7	25.9	25.9	761.8	0.0	0.0	7	0.60	35	0.0
2/09/03	19:00	23.8	25.0	22.9	64	16.6	0.0	E	0.00	4.8	E	23.8	24.2	24.2	762.2	0.0	0.0	0	0.00	0	0.0
2/09/03	20:00	21.1	22.9	19.8	81	17.7	0.0	---	0.00	0.0	---	21.1	22.1	22.1	762.5	0.0	0.0	0	0.00	0	0.0
2/09/03	21:00	18.6	19.8	17.7	85	16.0	0.0	NNE	0.00	3.2	E	18.6	19.4	19.4	762.5	0.0	0.0	0	0.00	0	0.0
2/09/03	22:00	17.3	17.7	16.3	89	15.5	0.0	NNE	0.00	8.0	NNE	17.3	17.8	17.8	762.4	0.0	0.0	0	0.00	0	0.0
2/09/03	23:00	16.9	17.4	15.8	90	15.2	0.0	NNE	0.00	3.2	NNE	16.9	17.3	17.3	762.5	0.0	0.0	0	0.00	0	0.0
3/09/03	00:00	15.3	15.8	14.7	92	14.0	0.0	NNE	0.00	3.2	NNE	15.3	15.4	15.4	762.6	0.0	0.0	0	0.00	0	0.0

## Ivinhema 3/09/03

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3/09/03	1:00	14.5	14.8	14.2	97	14.0	0.0	NNW	0.00	3.2	NNE	14.5	14.7	14.7	762.4	0.0	0.0	0	0.00	0	0.0
3/09/03	2:00	15.2	15.7	14.8	95	14.4	0.0	S	0.00	4.8	ESE	15.2	15.3	15.3	762.4	0.0	0.0	0	0.00	0	0.0
3/09/03	3:00	15.6	15.9	14.9	91	14.1	0.0	S	0.00	4.8	SSE	15.6	15.8	15.8	762.3	0.0	0.0	0	0.00	0	0.0
3/09/03	4:00	13.2	15.2	12.4	96	12.6	1.6	N	1.61	8.0	ESE	13.2	13.3	13.3	762.8	0.0	0.0	0	0.00	0	0.0
3/09/03	5:00	12.2	12.7	11.8	97	11.7	1.6	N	1.61	3.2	N	12.2	12.3	12.3	763.7	0.0	0.0	0	0.00	0	0.0
3/09/03	6:00	12.3	13.2	11.7	98	12.0	0.0	N	0.00	3.2	N	12.3	12.4	12.4	764.4	0.0	0.0	4	0.34	18	0.0
3/09/03	7:00	13.6	15.7	11.9	88	11.7	1.6	NE	1.61	8.0	NE	13.6	13.7	13.7	765.2	0.0	0.0	86	7.40	162	0.3
3/09/03	8:00	17.5	19.2	15.7	64	10.6	4.8	ENE	4.83	12.9	NE	17.5	17.1	16.9	765.5	0.0	0.0	251	21.59	334	1.0
3/09/03	9:00	20.2	21.1	19.2	51	9.7	9.7	ENE	9.66	20.9	E	20.2	19.3	18.1	765.5	0.0	0.0	413	35.52	484	2.4
3/09/03	10:00	21.8	22.7	20.8	48	10.3	11.3	E	11.27	22.5	E	21.8	20.9	19.5	765.3	0.0	0.0	548	47.13	602	4.3
3/09/03	11:00	23.7	24.5	22.7	44	10.7	12.9	E	12.87	22.5	ENE	23.7	23.1	21.6	764.5	0.0	0.0	636	54.70	663	5.9
3/09/03	12:00	24.9	25.7	24.1	42	11.1	12.9	E	12.87	20.9	E	24.9	24.2	22.9	763.7	0.0	0.0	667	57.37	670	6.6
3/09/03	13:00	26.4	27.1	25.5	42	12.4	12.9	E	12.87	22.5	NE	26.4	26.4	25.3	762.9	0.0	0.0	639	54.96	663	6.1
3/09/03	14:00	26.9	27.3	26.6	39	11.8	14.5	E	14.48	22.5	ENE	26.9	26.8	25.6	762.2	0.0	0.0	556	47.82	607	4.6
3/09/03	15:00	27.5	28.0	27.2	40	12.7	11.3	E	11.27	22.5	E	27.5	27.5	26.8	761.5	0.0	0.0	428	36.81	500	2.8
3/09/03	16:00	28.1	28.3	27.8	38	12.5	11.3	ENE	11.27	20.9	ENE	28.1	27.9	27.2	761.3	0.0	0.0	269	23.14	354	1.3
3/09/03	17:00	26.9	27.8	25.4	48	15.0	6.4	ENE	6.44	17.7	ENE	26.9	26.9	26.9	761.6	0.0	0.0	104	8.95	181	0.4
3/09/03	18:00	23.9	25.4	22.5	60	15.7	3.2	ENE	3.22	8.0	ENE	23.9	23.9	23.9	761.8	0.0	0.0	8	0.69	32	0.0
3/09/03	19:00	20.9	22.5	19.7	80	17.4	0.0	---	0.00	0.0	---	20.9	21.9	21.9	762.2	0.0	0.0	0	0.00	0	0.0
3/09/03	20:00	18.7	19.7	17.7	76	14.3	0.0	ENE	0.00	3.2	ENE	18.7	19.1	19.1	762.6	0.0	0.0	0	0.00	0	0.0
3/09/03	21:00	18.3	19.3	17.3	72	13.2	1.6	E	1.61	4.8	E	18.3	18.3	18.3	762.8	0.0	0.0	0	0.00	0	0.0
3/09/03	22:00	16.4	19.1	13.5	94	15.4	0.0	E	0.00	4.8	E	16.4	16.6	16.6	763.0	0.0	0.0	0	0.00	0	0.0
3/09/03	23:00	13.3	13.9	12.3	96	12.7	1.6	E	1.61	3.2	E	13.3	13.4	13.4	763.3	0.0	0.0	0	0.00	0	0.0
4/09/03	00:00	11.7	12.3	11.4	97	11.2	1.6	WNW	1.61	4.8	SSW	11.7	11.9	11.9	763.2	0.0	0.0	0	0.00	0	0.0

## Ivinhema 4/09/03

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
4/09/03	1:00	11.6	11.8	10.7	96	10.9	0.0	WNW	0.00	4.8	WNW	11.6	11.7	11.7	762.7	0.0	0.0	0	0.00	0	0.0
4/09/03	2:00	10.7	11.4	9.9	97	10.3	0.0	WNW	0.00	3.2	WNW	10.7	10.9	10.9	762.5	0.0	0.0	0	0.00	0	0.0
4/09/03	3:00	9.3	10.1	9.0	97	8.9	0.0	---	0.00	0.0	---	9.3	9.6	9.6	762.4	0.0	0.0	0	0.00	0	0.0
4/09/03	4:00	9.1	9.9	7.4	98	8.8	1.6	WNW	1.61	4.8	WNW	9.1	9.4	9.4	762.8	0.0	0.0	0	0.00	0	0.0
4/09/03	5:00	7.8	9.1	6.9	98	7.5	0.0	WNW	0.00	3.2	WNW	7.8	8.0	8.0	763.1	0.0	0.0	0	0.00	0	0.0
4/09/03	6:00	7.6	8.2	6.9	98	7.3	0.0	WNW	0.00	3.2	WNW	7.6	7.7	7.7	764.0	0.0	0.0	5	0.43	25	0.0
4/09/03	7:00	9.0	11.8	7.4	99	8.9	0.0	NW	0.00	8.0	NW	9.0	9.3	9.3	764.6	0.0	0.0	108	9.29	192	0.3
4/09/03	8:00	14.9	17.2	11.9	76	10.7	1.6	N	1.61	9.7	ESE	14.9	14.8	14.8	764.6	0.0	0.0	275	23.65	357	1.1
4/09/03	9:00	18.6	20.3	17.2	65	11.8	8.0	E	8.05	17.7	ENE	18.6	18.3	17.5	764.4	0.0	0.0	436	37.50	509	2.6
4/09/03	10:00	21.8	23.1	20.2	58	13.1	12.9	E	12.87	30.6	ENE	21.8	21.6	19.9	764.0	0.0	0.0	568	48.85	618	4.6
4/09/03	11:00	23.7	24.5	22.8	56	14.4	14.5	E	14.48	29.0	E	23.7	23.7	21.9	763.3	0.0	0.0	649	55.82	674	6.1
4/09/03	12:00	25.1	25.8	24.3	53	14.9	11.3	E	11.27	20.9	NE	25.1	25.2	24.2	762.1	0.0	0.0	682	58.66	684	6.9
4/09/03	13:00	26.5	27.6	25.7	50	15.2	11.3	E	11.27	22.5	E	26.5	26.5	25.6	761.0	0.0	0.0	655	56.34	679	6.4
4/09/03	14:00	28.4	29.1	27.6	47	16.0	9.7	E	9.66	20.9	ESE	28.4	29.1	28.6	760.2	0.0	0.0	569	48.94	619	4.8
4/09/03	15:00	29.1	29.2	28.9	44	15.6	9.7	E	9.66	19.3	E	29.1	29.4	29.0	759.8	0.0	0.0	438	37.67	510	2.8
4/09/03	16:00	29.0	29.2	28.8	45	15.9	8.0	E	8.05	19.3	E	29.0	29.5	29.3	759.6	0.0	0.0	272	23.40	357	1.2
4/09/03	17:00	28.0	28.8	26.9	50	16.6	4.8	E	4.83	16.1	ENE	28.0	28.9	28.9	759.7	0.0	0.0	105	9.03	185	0.3
4/09/03	18:00	25.6	26.9	24.3	59	17.0	1.6	E	1.61	8.0	E	25.6	26.2	26.2	759.9	0.0	0.0	8	0.69	32	0.0
4/09/03	19:00	23.4	24.4	22.2	68	17.1	0.0	E	0.00	3.2	E	23.4	24.2	24.2	760.4	0.0	0.0	0	0.00	0	0.0
4/09/03	20:00	19.6	22.2	17.9	83	16.6	1.6	E	1.61	3.2	E	19.6	20.6	20.6	760.9	0.0	0.0	0	0.00	0	0.0
4/09/03	21:00	17.3	17.9	16.8	88	15.3	0.0	NNW	0.00	3.2	NNW	17.3	17.8	17.8	761.1	0.0	0.0	0	0.00	0	0.0
4/09/03	22:00	16.1	17.1	15.0	91	14.6	1.6	SSW	1.61	4.8	NW	16.1	16.4	16.4	760.9	0.0	0.0	0	0.00	0	0.0
4/09/03	23:00	14.8	17.1	13.7	91	13.4	1.6	WNW	1.61	9.7	NW	14.8	15.0	15.0	761.1	0.0	0.0	0	0.00	0	0.0
5/09/03	00:00	14.3	14.6	14.0	95	13.5	0.0	NNW	0.00	4.8	NW	14.3	14.4	14.4	761.0	0.0	0.0	0	0.00	0	0.0

## Ivinhema 5/09/03

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
5/09/03	1:00	14.3	14.6	13.7	95	13.5	0.0	W	0.00	3.2	NW	14.3	14.4	14.4	760.7	0.0	0.0	0	0.00	0	0.0
5/09/03	2:00	13.7	14.2	13.3	95	12.9	0.0	W	0.00	3.2	W	13.7	13.7	13.7	760.8	0.0	0.0	0	0.00	0	0.0
5/09/03	3:00	13.6	14.1	13.2	96	12.9	0.0	W	0.00	3.2	W	13.6	13.6	13.6	760.8	0.0	0.0	0	0.00	0	0.0
5/09/03	4:00	13.4	14.0	12.8	97	12.9	1.6	WNW	1.61	4.8	WNW	13.4	13.5	13.5	760.8	0.0	0.0	0	0.00	0	0.0
5/09/03	5:00	12.8	12.8	12.6	97	12.3	1.6	WNW	1.61	4.8	WSW	12.8	12.9	12.9	761.6	0.0	0.0	0	0.00	0	0.0
5/09/03	6:00	12.6	13.0	12.3	97	12.1	1.6	WSW	1.61	4.8	WSW	12.6	12.7	12.7	762.4	0.0	0.0	4	0.34	19	0.0
5/09/03	7:00	13.7	16.4	12.4	97	13.3	0.0	WSW	0.00	3.2	SW	13.7	13.8	13.8	762.8	0.0	0.0	94	8.09	171	0.3
5/09/03	8:00	19.9	22.0	16.4	77	15.8	3.2	NE	3.22	12.9	ENE	19.9	20.7	20.7	763.1	0.0	0.0	259	22.28	343	1.1
5/09/03	9:00	24.0	25.5	22.1	62	16.3	11.3	E	11.27	25.7	E	24.0	24.2	23.1	762.9	0.0	0.0	424	36.47	498	2.6
5/09/03	10:00	26.4	27.9	25.4	48	14.5	14.5	E	14.48	29.0	ENE	26.4	26.4	25.1	762.6	0.0	0.0	557	47.91	605	4.6
5/09/03	11:00	28.7	29.5	27.9	42	14.5	16.1	ENE	16.09	29.0	E	28.7	28.9	27.8	762.0	0.0	0.0	642	55.22	670	6.2
5/09/03	12:00	29.9	30.8	29.3	42	15.6	16.1	E	16.09	30.6	E	29.9	30.1	29.1	761.0	0.0	0.0	673	57.89	677	6.9
5/09/03	13:00	31.3	31.9	30.8	38	15.3	14.5	E	14.48	27.4	ENE	31.3	31.3	30.7	759.9	0.0	0.0	647	55.65	670	6.4
5/09/03	14:00	32.1	32.5	31.6	37	15.5	12.9	E	12.87	22.5	E	32.1	32.4	32.0	759.1	0.0	0.0	562	48.34	612	4.7
5/09/03	15:00	32.5	32.9	32.2	35	15.1	12.9	E	12.87	22.5	E	32.5	32.7	32.3	758.6	0.0	0.0	495	42.58	551	3.0
5/09/03	16:00	32.1	32.8	31.6	38	16.0	9.7	E	9.66	19.3	E	32.1	32.7	32.4	758.5	0.0	0.0	284	24.43	385	1.3
5/09/03	17:00	30.8	31.6	29.7	44	17.2	8.0	E	8.05	16.1	E	30.8	31.6	31.4	758.5	0.0	0.0	129	11.10	208	0.4
5/09/03	18:00	28.5	29.7	27.4	50	17.1	6.4	E	6.44	12.9	E	28.5	29.5	29.5	758.7	0.0	0.0	10	0.86	42	0.0
5/09/03	19:00	25.4	27.4	23.1	62	17.6	6.4	ENE	6.44	11.3	E	25.4	25.9	25.9	758.9	0.0	0.0	0	0.00	0	0.0
5/09/03	20:00	22.7	23.7	20.7	73	17.6	4.8	ENE	4.83	9.7	NNE	22.7	23.4	23.4	759.2	0.0	0.0	0	0.00	0	0.0
5/09/03	21:00	19.9	21.3	18.9	74	15.1	1.6	N	1.61	8.0	N	19.9	20.3	20.3	759.6	0.0	0.0	0	0.00	0	0.0
5/09/03	22:00	19.2	20.1	18.5	76	14.9	0.0	N	0.00	3.2	N	19.2	19.7	19.7	759.8	0.0	0.0	0	0.00	0	0.0
5/09/03	23:00	17.6	18.5	16.8	81	14.3	1.6	N	1.61	4.8	N	17.6	18.1	18.1	759.9	0.0	0.0	0	0.00	0	0.0
6/09/03	00:00	18.2	18.7	16.9	73	13.2	1.6	NE	1.61	8.0	NNE	18.2	18.2	18.2	759.7	0.0	0.0	0	0.00	0	0.0

## Ivinhema 6/09/03

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
6/09/03	1:00	17.6	18.2	16.4	73	12.7	3.2	NE	3.22	8.0	NE	17.6	17.4	17.4	759.2	0.0	0.0	0	0.00	0	0.0
6/09/03	2:00	18.8	19.9	15.1	83	15.9	3.2	ENE	3.22	11.3	E	18.8	19.6	19.6	758.8	0.0	0.0	0	0.00	0	0.0
6/09/03	3:00	14.7	15.8	13.5	91	13.2	1.6	NW	1.61	9.7	N	14.7	14.8	14.8	758.7	0.0	0.0	0	0.00	0	0.0
6/09/03	4:00	13.9	14.3	13.3	88	11.9	3.2	NNE	3.22	8.0	NNE	13.9	14.0	13.9	758.7	0.0	0.0	0	0.00	0	0.0
6/09/03	5:00	14.7	14.9	14.2	83	11.9	4.8	N	4.83	9.7	N	14.6	14.8	14.4	759.2	0.0	0.0	0	0.00	0	0.0
6/09/03	6:00	15.5	15.9	14.8	80	12.1	4.8	NNE	4.83	11.3	NNE	15.5	15.7	15.3	759.8	0.0	0.0	5	0.43	25	0.0
6/09/03	7:00	16.2	18.1	15.3	75	11.7	1.6	NE	1.61	9.7	NNE	16.2	16.1	16.1	760.8	0.0	0.0	98	8.43	183	0.3
6/09/03	8:00	20.1	21.9	18.1	63	12.8	4.8	E	4.83	12.9	E	20.1	20.1	20.1	761.1	0.0	0.0	269	23.14	354	1.2
6/09/03	9:00	23.9	25.7	21.9	46	11.6	11.3	E	11.27	19.3	ENE	23.9	23.6	22.4	760.9	0.0	0.0	429	36.90	505	2.7
6/09/03	10:00	26.8	27.6	25.4	42	12.8	12.9	ENE	12.87	22.5	E	26.8	26.8	25.7	760.5	0.0	0.0	504	43.35	609	4.3
6/09/03	11:00	28.4	29.3	27.4	41	13.9	11.3	E	11.27	22.5	ENE	28.4	28.5	27.8	759.8	0.0	0.0	385	33.11	681	4.8
6/09/03	12:00	29.2	30.6	28.4	38	13.4	12.9	E	12.87	25.7	E	29.2	28.9	28.2	758.6	0.0	0.0	481	41.37	890	5.5
6/09/03	13:00	31.3	32.2	30.1	35	14.0	14.5	E	14.48	22.5	E	31.3	30.9	30.3	757.5	0.0	0.0	758	65.20	866	7.0
6/09/03	14:00	32.3	32.8	31.9	31	13.0	14.5	E	14.48	30.6	E	32.3	31.7	31.2	756.6	0.0	0.0	595	51.18	704	5.2
6/09/03	15:00	32.5	33.0	32.2	34	14.6	14.5	E	14.48	27.4	NE	32.5	32.6	32.1	756.2	0.0	0.0	447	38.45	510	3.1
6/09/03	16:00	32.0	32.6	31.4	36	15.1	12.9	E	12.87	22.5	E	32.0	32.2	31.7	755.9	0.0	0.0	294	25.29	382	1.4
6/09/03	17:00	30.4	31.4	28.9	42	16.0	9.7	E	9.66	17.7	ENE	30.4	30.7	30.3	756.1	0.0	0.0	116	9.98	197	0.4
6/09/03	18:00	27.6	28.9	26.2	51	16.5	4.8	E	4.83	16.1	E	27.6	28.2	28.2	756.5	0.0	0.0	6	0.52	25	0.0
6/09/03	19:00	25.6	26.2	25.1	55	15.8	3.2	ENE	3.22	9.7	E	25.6	25.8	25.8	756.7	0.0	0.0	0	0.00	0	0.0
6/09/03	20:00	24.4	25.1	22.7	65	17.4	3.2	ENE	3.22	9.7	ENE	24.4	24.9	24.9	757.1	0.0	0.0	0	0.00	0	0.0
6/09/03	21:00	23.1	23.7	22.5	58	14.4	6.4	N	6.44	24.1	N	23.1	23.1	23.1	757.4	0.0	0.0	0	0.00	0	0.0
6/09/03	22:00	22.7	23.1	22.5	66	16.0	4.8	ENE	4.83	9.7	NE	22.7	23.1	23.1	757.5	0.0	0.0	0	0.00	0	0.0
6/09/03	23:00	23.3	24.1	22.5	58	14.5	6.4	E	6.44	12.9	NE	23.3	23.3	23.3	757.2	0.0	0.0	0	0.00	0	0.0
7/09/03	00:00	21.8	23.7	20.5	70	16.1	1.6	ENE	1.61	8.0	ENE	21.8	21.9	21.9	757.2	0.0	0.0	0	0.00	0	0.0

## Ivinhema 7/09/03

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
7/09/03	1:00	20.0	20.5	19.1	79	16.2	1.6	N	1.61	8.0	N	20.0	20.9	20.9	756.9	0.0	0.0	0	0.00	0	0.0
7/09/03	2:00	19.1	19.8	18.8	74	14.4	3.2	NE	3.22	11.3	ENE	19.1	19.4	19.4	756.3	0.0	0.0	0	0.00	0	0.0
7/09/03	3:00	18.9	19.8	17.9	79	15.2	3.2	NE	3.22	11.3	ENE	18.9	19.7	19.7	756.3	0.0	0.0	0	0.00	0	0.0
7/09/03	4:00	17.9	18.2	17.5	80	14.4	3.2	NE	3.22	8.0	ENE	17.9	18.4	18.4	756.3	0.0	0.0	0	0.00	0	0.0
7/09/03	5:00	17.7	18.3	17.3	84	15.0	1.6	NNE	1.61	8.0	ENE	17.7	18.3	18.3	756.4	0.0	0.0	0	0.00	0	0.0
7/09/03	6:00	17.8	17.9	17.6	80	14.3	3.2	NNE	3.22	8.0	NNE	17.8	18.3	18.3	757.1	0.0	0.0	5	0.43	26	0.0
7/09/03	7:00	18.4	20.6	17.3	75	13.9	1.6	W	1.61	3.2	NNE	18.4	18.7	18.7	757.8	0.0	0.0	98	8.43	174	0.3
7/09/03	8:00	22.4	24.1	20.6	54	12.6	4.8	E	4.83	20.9	E	22.4	22.0	22.0	758.1	0.0	0.0	262	22.53	347	1.2
7/09/03	9:00	26.0	27.4	24.1	44	12.8	12.9	ENE	12.87	22.5	NE	26.0	25.9	24.8	758.1	0.0	0.0	427	36.73	510	2.7
7/09/03	10:00	28.1	29.1	27.4	41	13.6	16.1	ENE	16.09	30.6	ENE	28.1	28.2	26.9	757.8	0.0	0.0	422	36.30	699	3.5
7/09/03	11:00	29.4	30.9	27.9	37	13.2	16.1	ENE	16.09	30.6	NE	29.4	29.2	28.1	756.9	0.0	0.0	607	52.21	771	5.8
7/09/03	12:00	30.7	31.2	30.1	43	16.7	14.5	E	14.48	27.4	E	30.7	31.2	30.5	756.1	0.0	0.0	512	44.04	778	5.8
7/09/03	13:00	31.6	33.7	30.2	32	12.9	11.3	E	11.27	27.4	NNE	31.6	30.9	30.6	755.2	0.0	0.0	634	54.53	727	5.7
7/09/03	14:00	34.7	35.3	33.7	28	13.5	17.7	NE	17.70	38.6	NE	34.7	34.3	34.2	754.3	0.0	0.0	399	34.32	635	3.6
7/09/03	15:00	34.5	35.5	32.3	38	18.1	14.5	N	14.48	30.6	N	34.5	36.1	35.9	754.1	0.0	0.0	272	23.40	552	2.0
7/09/03	16:00	33.0	33.8	31.9	35	15.5	9.7	N	9.66	32.2	NNE	33.0	33.5	33.3	754.0	0.0	0.0	157	13.50	377	0.9
7/09/03	17:00	30.5	32.6	28.0	49	18.6	6.4	N	6.44	16.1	N	30.5	31.8	31.8	754.7	0.0	0.0	36	3.10	76	0.1
7/09/03	18:00	26.4	28.0	24.3	67	19.8	11.3	N	11.27	22.5	NE	26.4	27.8	26.9	754.5	0.0	0.0	2	0.17	19	0.0
7/09/03	19:00	24.6	25.3	24.1	61	16.5	9.7	ENE	9.66	25.7	ENE	24.6	24.7	23.9	754.9	0.0	0.0	0	0.00	0	0.0
7/09/03	20:00	24.5	24.9	24.2	68	18.2	8.0	E	8.05	19.3	ENE	24.5	25.3	24.8	754.9	0.0	0.0	0	0.00	0	0.0
7/09/03	21:00	23.7	24.5	22.5	68	17.5	4.8	ENE	4.83	17.7	E	23.7	24.5	24.5	755.8	0.0	0.0	0	0.00	0	0.0
7/09/03	22:00	24.1	24.3	23.8	66	17.4	14.5	ENE	14.48	33.8	E	24.1	24.7	23.0	755.6	0.0	0.0	0	0.00	0	0.0
7/09/03	23:00	23.8	24.2	23.3	70	18.0	16.1	ENE	16.09	30.6	ENE	23.8	24.8	22.8	755.6	0.0	0.0	0	0.00	0	0.0
8/09/03	00:00	23.1	23.3	22.8	72	17.8	14.5	ENE	14.48	25.7	E	23.1	24.1	22.2	755.6	0.0	0.0	0	0.00	0	0.0

## Ivinhema 8/09/03

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
8/09/03	1:00	22.4	22.8	21.9	75	17.7	14.5	ENE	14.48	30.6	WNW	22.4	23.1	21.1	755.4	0.0	0.0	0	0.00	0	0.0
8/09/03	2:00	21.8	22.4	20.8	90	20.1	14.5	NE	14.48	41.8	W	21.8	22.8	20.8	757.3	2.6	50.0	0	0.00	0	0.0
8/09/03	3:00	19.6	20.8	19.1	96	19.0	19.3	WSW	19.31	38.6	WSW	19.1	20.4	17.4	758.6	4.6	57.6	0	0.00	0	0.0
8/09/03	4:00	18.7	19.1	18.3	96	18.0	17.7	SW	17.70	33.8	SW	17.9	19.3	16.4	758.7	1.4	3.2	0	0.00	0	0.0
8/09/03	5:00	18.4	18.6	18.2	97	18.0	8.0	S	8.05	22.5	SW	18.4	19.0	18.1	758.4	3.0	6.6	0	0.00	0	0.0
8/09/03	6:00	18.5	18.6	18.4	99	18.3	4.8	E	4.83	16.1	ESE	18.5	19.1	19.0	758.7	0.8	1.6	0	0.00	0	0.0
8/09/03	7:00	18.8	19.1	18.6	96	18.2	3.2	ENE	3.22	16.1	ENE	18.8	19.4	19.4	759.5	1.2	2.2	8	0.69	19	0.0
8/09/03	8:00	19.2	19.4	19.1	97	18.7	6.4	ENE	6.44	14.5	E	19.2	19.9	19.7	759.5	0.8	2.2	41	3.53	60	0.3
8/09/03	9:00	19.5	19.6	19.4	97	19.0	11.3	ENE	11.27	22.5	NE	19.4	20.3	18.7	759.9	0.0	0.0	54	4.64	93	0.6
8/09/03	10:00	19.8	20.1	19.5	98	19.5	11.3	ENE	11.27	27.4	ENE	19.8	20.8	19.2	759.6	0.0	0.0	123	10.58	150	1.4
8/09/03	11:00	19.9	20.2	19.8	97	19.5	14.5	ENE	14.48	29.0	E	19.8	20.9	18.6	758.4	0.6	1.6	103	8.86	230	1.4
8/09/03	12:00	20.1	20.2	19.9	94	19.1	17.7	ENE	17.70	30.6	E	19.8	21.2	18.4	758.2	0.0	0.0	115	9.89	167	1.6
8/09/03	13:00	19.7	19.9	19.7	97	19.2	12.9	NE	12.87	29.0	ENE	19.6	20.6	18.7	759.2	0.8	1.4	49	4.21	77	0.6
8/09/03	14:00	20.0	20.3	19.8	95	19.2	8.0	NE	8.05	19.3	NNE	20.0	21.0	20.3	758.0	0.6	1.8	97	8.34	162	1.1
8/09/03	15:00	20.3	20.4	20.2	97	19.8	9.7	NNE	9.66	20.9	NE	20.3	21.5	20.4	757.7	0.2	0.0	85	7.31	127	0.9
8/09/03	16:00	19.9	20.2	19.8	96	19.3	11.3	NE	11.27	20.9	NE	19.9	20.9	19.4	757.7	0.4	0.0	46	3.96	67	0.4
8/09/03	17:00	19.6	19.8	19.5	99	19.5	9.7	NE	9.66	19.3	NE	19.6	20.5	19.3	758.3	0.2	0.0	22	1.89	30	0.0
8/09/03	18:00	19.4	19.5	19.3	96	18.8	11.3	ENE	11.27	22.5	ENE	19.4	20.2	18.6	758.3	0.0	0.0	4	0.34	16	0.0
8/09/03	19:00	19.2	19.3	19.1	98	18.9	8.0	NE	8.05	19.3	NE	19.2	19.9	19.1	759.3	0.0	0.0	0	0.00	0	0.0
8/09/03	20:00	19.2	19.2	18.9	96	18.5	3.2	NE	3.22	8.0	NE	19.2	19.8	19.8	759.7	0.0	0.0	0	0.00	0	0.0
8/09/03	21:00	18.9	18.9	18.8	99	18.8	4.8	NNE	4.83	11.3	NE	18.9	19.7	19.6	760.0	0.0	0.0	0	0.00	0	0.0
8/09/03	22:00	18.7	18.8	18.7	100	18.7	8.0	NE	8.05	12.9	NNE	18.7	19.4	18.5	760.0	0.0	0.0	0	0.00	0	0.0
8/09/03	23:00	18.8	18.9	18.6	98	18.5	6.4	ENE	6.44	12.9	NE	18.8	19.4	19.2	760.2	0.0	0.0	0	0.00	0	0.0
9/09/03	00:00	18.5	18.8	18.2	100	18.5	4.8	NE	4.83	11.3	ENE	18.5	19.2	19.1	760.4	0.0	0.0	0	0.00	0	0.0



## Ivinhema 9/09/03

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
9/09/03	1:00	18.3	18.3	18.2	98	18.0	3.2	NE	3.22	8.0	NNE	18.3	18.8	18.8	760.3	0.0	0.0	0	0.00	0	0.0
9/09/03	2:00	18.3	18.5	18.2	99	18.2	1.6	NW	1.61	4.8	N	18.3	18.9	18.9	760.1	0.0	0.0	0	0.00	0	0.0
9/09/03	3:00	18.5	18.6	17.9	99	18.3	1.6	W	1.61	16.1	WSW	18.5	19.1	19.1	760.0	0.0	0.0	0	0.00	0	0.0
9/09/03	4:00	17.0	17.9	16.4	99	16.8	9.7	WSW	9.66	19.3	SW	16.5	17.4	16.0	760.5	0.0	0.0	0	0.00	0	0.0
9/09/03	5:00	16.2	16.4	15.8	98	15.9	9.7	WSW	9.66	19.3	SW	15.5	16.4	15.0	761.0	0.0	0.0	0	0.00	0	0.0
9/09/03	6:00	15.7	15.8	15.5	99	15.5	9.7	SW	9.66	17.7	SSW	14.9	15.9	14.4	761.8	0.2	0.0	3	0.26	14	0.0
9/09/03	7:00	15.5	15.6	15.4	99	15.3	9.7	WSW	9.66	19.3	WSW	14.7	15.8	14.2	762.5	0.0	0.0	24	2.06	49	0.1
9/09/03	8:00	15.9	16.2	15.6	94	14.9	8.0	SW	8.05	16.1	SW	15.4	16.1	14.9	762.8	0.0	0.0	74	6.36	123	0.6
9/09/03	9:00	16.7	17.2	16.1	93	15.5	9.7	SW	9.66	17.7	SW	16.1	16.9	15.5	763.0	0.0	0.0	142	12.21	232	1.5
9/09/03	10:00	17.6	17.9	17.0	90	16.0	9.7	WSW	9.66	20.9	WSW	17.3	18.2	16.8	763.0	0.0	0.0	205	17.63	315	2.4
9/09/03	11:00	18.2	18.7	17.7	88	16.1	9.7	WSW	9.66	17.7	SW	17.9	18.8	17.5	762.5	0.0	0.0	197	16.94	366	2.9
9/09/03	12:00	18.4	19.3	17.9	85	15.8	9.7	WSW	9.66	19.3	WSW	18.2	19.1	17.8	762.1	0.0	0.0	228	19.61	554	3.3
9/09/03	13:00	18.1	18.5	17.9	91	16.6	8.0	WSW	8.05	16.1	W	18.1	18.7	17.8	761.7	0.4	2.2	150	12.90	283	2.1
9/09/03	14:00	17.7	18.2	17.3	95	16.9	11.3	W	11.27	19.3	W	17.2	18.1	16.3	761.8	0.2	0.0	71	6.11	144	1.0
9/09/03	15:00	17.0	17.3	16.7	97	16.5	9.7	WSW	9.66	19.3	WSW	16.5	17.3	15.9	761.7	1.2	9.8	50	4.30	86	0.6
9/09/03	16:00	16.5	16.7	16.3	97	16.0	9.7	WSW	9.66	19.3	WSW	15.9	16.8	15.3	762.1	0.8	2.6	37	3.18	67	0.4
9/09/03	17:00	16.1	16.4	15.7	95	15.3	11.3	WSW	11.27	25.7	WSW	15.2	16.3	14.4	762.5	0.0	0.0	13	1.12	32	0.1
9/09/03	18:00	15.3	15.8	14.9	97	14.9	14.5	WSW	14.48	25.7	SW	13.9	15.5	12.9	763.2	0.8	5.2	2	0.17	11	0.0
9/09/03	19:00	14.7	14.9	14.6	98	14.4	12.9	WSW	12.87	22.5	WSW	13.3	14.9	12.6	763.4	1.0	4.6	0	0.00	0	0.0
9/09/03	20:00	14.3	14.6	13.9	97	13.9	14.5	WSW	14.48	29.0	WSW	12.6	14.5	11.9	764.4	0.4	2.2	0	0.00	0	0.0
9/09/03	21:00	13.7	13.9	13.4	98	13.4	14.5	WSW	14.48	29.0	WSW	11.8	13.8	11.2	765.0	1.4	4.0	0	0.00	0	0.0
9/09/03	22:00	13.2	13.4	12.9	94	12.3	14.5	WSW	14.48	27.4	WSW	11.2	13.3	10.6	764.8	0.4	2.4	0	0.00	0	0.0
9/09/03	23:00	12.8	12.9	12.8	97	12.4	14.5	WSW	14.48	27.4	WSW	10.7	13.0	10.3	764.8	0.0	0.0	0	0.00	0	0.0
10/09/03	00:00	12.8	12.8	12.6	93	11.7	12.9	WSW	12.87	29.0	W	10.8	12.9	10.5	764.6	0.0	0.0	0	0.00	0	0.0

## Ivinhema 10/09/03

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
10/09/03	1:00	12.4	12.7	12.3	94	11.5	14.5	WSW	14.48	22.5	WSW	10.2	12.6	9.8	764.3	0.2	0.0	0	0.00	0	0.0
10/09/03	2:00	12.3	12.4	12.1	91	10.9	16.1	WSW	16.09	30.6	WSW	9.9	12.4	9.5	763.6	0.0	0.0	0	0.00	0	0.0
10/09/03	3:00	11.9	12.1	11.8	93	10.8	17.7	WSW	17.70	29.0	SW	9.2	12.1	8.8	763.7	0.0	0.0	0	0.00	0	0.0
10/09/03	4:00	11.8	11.9	11.8	94	10.9	14.5	WSW	14.48	27.4	W	9.4	12.0	9.2	764.3	0.0	0.0	0	0.00	0	0.0
10/09/03	5:00	11.8	11.8	11.7	94	10.8	14.5	WSW	14.48	25.7	WSW	9.4	11.9	9.2	764.8	0.2	0.0	0	0.00	0	0.0
10/09/03	6:00	11.6	11.7	11.6	94	10.7	14.5	WSW	14.48	25.7	W	9.2	11.8	9.0	765.4	1.0	3.8	2	0.17	9	0.0
10/09/03	7:00	11.5	11.7	11.4	94	10.6	12.9	WSW	12.87	22.5	W	9.2	11.7	9.1	766.0	0.8	1.6	19	1.63	37	0.1
10/09/03	8:00	11.8	11.9	11.7	94	10.9	16.1	WSW	16.09	32.2	WSW	9.2	12.0	9.0	766.4	0.0	0.0	49	4.21	65	0.5
10/09/03	9:00	11.8	12.0	11.7	94	10.9	20.9	WSW	20.92	33.8	WSW	8.8	12.0	8.4	766.6	0.0	0.0	76	6.54	125	0.9
10/09/03	10:00	12.3	12.8	11.9	91	10.9	22.5	WSW	22.53	38.6	WSW	9.2	12.4	8.6	767.1	0.0	0.0	133	11.44	238	1.8
10/09/03	11:00	13.1	13.6	12.8	87	10.9	22.5	WSW	22.53	41.8	WSW	10.2	13.1	9.3	766.9	0.0	0.0	173	14.88	287	2.5
10/09/03	12:00	13.1	13.7	12.7	84	10.5	22.5	WSW	22.53	38.6	SW	10.3	13.2	9.4	766.6	0.0	0.0	148	12.73	329	2.4
10/09/03	13:00	13.7	14.7	13.1	78	10.0	24.1	WSW	24.14	43.5	WSW	11.0	13.6	9.7	766.0	0.0	0.0	212	18.23	618	3.4
10/09/03	14:00	14.3	14.7	13.9	76	10.1	22.5	WSW	22.53	41.8	SW	11.9	14.1	10.3	765.7	0.0	0.0	176	15.14	283	2.1
10/09/03	15:00	14.7	14.8	14.4	70	9.3	24.1	SW	24.14	51.5	SW	12.3	14.2	10.3	765.5	0.0	0.0	181	15.57	271	1.8
10/09/03	16:00	14.8	15.4	14.5	70	9.4	22.5	SW	22.53	45.1	SW	12.5	14.3	10.5	765.9	0.0	0.0	159	13.68	306	1.1
10/09/03	17:00	14.9	15.4	14.2	69	9.3	19.3	SW	19.31	41.8	SW	13.0	14.4	11.1	766.1	0.0	0.0	123	10.58	306	0.5
10/09/03	18:00	12.8	14.2	11.6	82	9.8	11.3	SSW	11.27	27.4	SSW	11.1	12.8	10.7	766.6	0.0	0.0	13	1.12	49	0.0
10/09/03	19:00	10.8	11.6	10.2	83	8.1	6.4	SW	6.44	11.3	SSW	9.6	10.8	9.6	767.1	0.0	0.0	0	0.00	0	0.0
10/09/03	20:00	9.7	10.2	8.9	91	8.3	1.6	SW	1.61	8.0	SW	9.7	9.9	9.9	767.8	0.0	0.0	0	0.00	0	0.0
10/09/03	21:00	8.7	8.9	8.4	93	7.6	1.6	SW	1.61	4.8	NW	8.7	8.8	8.8	768.2	0.0	0.0	0	0.00	0	0.0
10/09/03	22:00	8.3	8.5	7.6	91	6.9	1.6	NNW	1.61	4.8	NNW	8.3	8.4	8.4	768.3	0.0	0.0	0	0.00	0	0.0
10/09/03	23:00	7.6	8.3	7.1	89	5.9	3.2	NW	3.22	8.0	NW	6.9	7.6	7.0	768.2	0.0	0.0	0	0.00	0	0.0
11/09/03	00:00	6.4	7.8	5.5	92	5.2	3.2	W	3.22	8.0	NW	5.6	6.4	5.7	767.8	0.0	0.0	0	0.00	0	0.0

## Ivinhema 11/09/03

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
11/09/03	1:00	5.2	5.5	4.8	91	3.8	6.4	WSW	6.44	11.3	WSW	2.8	5.2	2.8	767.3	0.0	0.0	0	0.00	0	0.0
11/09/03	2:00	4.5	4.8	4.3	92	3.3	1.6	WSW	1.61	8.0	WSW	4.5	4.5	4.5	766.8	0.0	0.0	0	0.00	0	0.0
11/09/03	3:00	4.6	4.7	4.2	92	3.4	1.6	WSW	1.61	8.0	WSW	4.6	4.6	4.6	766.4	0.0	0.0	0	0.00	0	0.0
11/09/03	4:00	4.0	4.2	3.8	94	3.1	4.8	SW	4.83	11.3	SW	2.1	4.0	2.1	766.4	0.0	0.0	0	0.00	0	0.0
11/09/03	5:00	4.1	4.3	3.8	95	3.3	6.4	SW	6.44	11.3	SW	1.4	4.1	1.4	766.4	0.0	0.0	0	0.00	0	0.0
11/09/03	6:00	3.9	4.2	3.7	97	3.5	3.2	SW	3.22	8.0	SW	2.8	3.9	2.8	767.1	0.2	0.0	10	0.86	37	0.0
11/09/03	7:00	5.4	6.8	4.1	93	4.4	3.2	WSW	3.22	11.3	SW	4.6	5.5	4.6	767.7	0.0	0.0	93	8.00	139	0.5
11/09/03	8:00	8.9	11.1	6.8	74	4.5	9.7	SW	9.66	27.4	SSW	6.5	8.7	6.3	767.5	0.0	0.0	246	21.16	412	1.4
11/09/03	9:00	11.8	12.8	10.9	65	5.5	16.1	S	16.09	30.6	SSE	9.2	11.3	8.3	767.5	0.0	0.0	474	40.77	637	3.4
11/09/03	10:00	13.9	14.8	12.8	55	5.0	11.3	S	11.27	27.4	S	12.4	13.0	11.0	767.2	0.0	0.0	658	56.60	702	5.9
11/09/03	11:00	15.7	16.9	14.7	50	5.3	8.0	S	8.05	20.9	SSW	15.2	14.5	13.3	766.5	0.0	0.0	741	63.73	788	8.0
11/09/03	12:00	17.5	18.9	16.6	41	4.1	6.4	S	6.44	32.2	SW	17.5	16.3	15.9	765.5	0.0	0.0	759	65.28	795	8.7
11/09/03	13:00	18.8	19.7	18.1	34	2.6	8.0	SW	8.05	22.5	SSW	18.8	17.1	16.3	764.6	0.0	0.0	715	61.50	765	8.2
11/09/03	14:00	19.9	20.7	18.9	28	0.9	6.4	SSW	6.44	19.3	SSW	19.9	17.7	17.6	763.9	0.0	0.0	647	55.65	746	6.1
11/09/03	15:00	20.2	21.1	19.6	26	0.0	6.4	SW	6.44	17.7	SW	20.2	17.8	17.7	763.4	0.0	0.0	350	30.10	655	3.2
11/09/03	16:00	20.4	21.0	19.8	27	0.7	8.0	SSW	8.05	19.3	SW	20.4	18.2	17.5	763.4	0.0	0.0	270	23.22	412	1.5
11/09/03	17:00	19.9	20.4	19.4	31	2.2	3.2	SW	3.22	9.7	SSW	19.9	18.0	18.0	763.2	0.0	0.0	127	10.92	201	0.5
11/09/03	18:00	17.6	19.7	15.2	49	6.7	3.2	SSW	3.22	8.0	SW	17.6	16.3	16.3	763.3	0.0	0.0	11	0.95	62	0.0
11/09/03	19:00	13.3	15.1	12.3	66	7.1	0.0	SW	0.00	3.2	SW	13.3	12.8	12.8	763.8	0.0	0.0	0	0.00	0	0.0
11/09/03	20:00	12.2	12.4	11.1	71	7.1	0.0	SW	0.00	3.2	SW	12.2	11.8	11.8	764.2	0.0	0.0	0	0.00	0	0.0
11/09/03	21:00	8.8	11.1	7.5	87	6.7	1.6	WNW	1.61	4.8	WNW	8.8	8.8	8.8	764.5	0.0	0.0	0	0.00	0	0.0
11/09/03	22:00	7.9	8.1	7.6	88	6.0	0.0	WNW	0.00	3.2	WNW	7.9	7.9	7.9	764.3	0.0	0.0	0	0.00	0	0.0
11/09/03	23:00	7.4	7.8	6.7	91	6.0	1.6	N	1.61	4.8	NW	7.4	7.4	7.4	764.2	0.0	0.0	0	0.00	0	0.0
12/09/03	00:00	6.4	6.7	6.2	92	5.2	1.6	NNW	1.61	3.2	N	6.4	6.5	6.5	763.9	0.0	0.0	0	0.00	0	0.0

## Ivinhema 12/09/03

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
12/09/03	1:00	5.9	6.3	5.7	92	4.7	1.6	NNW	1.61	3.2	NNW	5.9	5.9	5.9	763.3	0.0	0.0	0	0.00	0	0.0
12/09/03	2:00	6.1	6.8	5.7	92	4.9	1.6	WNW	1.61	4.8	WNW	6.1	6.1	6.1	762.7	0.0	0.0	0	0.00	0	0.0
12/09/03	3:00	5.2	5.7	4.9	95	4.5	1.6	WNW	1.61	3.2	WNW	5.2	5.3	5.3	762.1	0.0	0.0	0	0.00	0	0.0
12/09/03	4:00	5.4	6.3	5.1	93	4.4	1.6	W	1.61	4.8	W	5.4	5.5	5.5	762.6	0.0	0.0	0	0.00	0	0.0
12/09/03	5:00	5.3	5.5	5.1	95	4.6	1.6	W	1.61	4.8	WNW	5.3	5.4	5.4	763.1	0.0	0.0	0	0.00	0	0.0
12/09/03	6:00	5.4	5.6	5.2	95	4.7	1.6	WNW	1.61	4.8	NNW	5.4	5.4	5.4	763.9	0.0	0.0	7	0.60	30	0.0
12/09/03	7:00	6.8	8.6	5.4	96	6.2	1.6	WNW	1.61	4.8	NW	6.8	6.9	6.9	764.4	0.0	0.0	70	6.02	104	0.4
12/09/03	8:00	10.9	13.5	8.6	89	9.1	1.6	WNW	1.61	4.8	WNW	10.9	11.0	11.0	764.9	0.0	0.0	204	17.55	417	1.3
12/09/03	9:00	14.4	15.3	13.6	59	6.5	3.2	ENE	3.22	9.7	E	14.4	13.7	13.6	764.6	0.0	0.0	232	19.95	285	2.0
12/09/03	10:00	16.5	17.6	15.3	41	3.2	4.8	ENE	4.83	12.9	NE	16.5	15.2	14.9	764.8	0.0	0.0	372	32.00	479	3.7
12/09/03	11:00	17.8	18.3	17.3	41	4.4	4.8	ENE	4.83	11.3	NE	17.8	16.6	16.5	764.2	0.0	0.0	389	33.46	466	4.5
12/09/03	12:00	18.8	19.6	17.9	41	5.3	6.4	ENE	6.44	16.1	ENE	18.8	17.7	17.4	763.3	0.0	0.0	418	35.95	567	5.1
12/09/03	13:00	19.9	20.2	19.5	43	6.9	4.8	ENE	4.83	17.7	ENE	19.9	18.9	18.9	762.5	0.0	0.0	351	30.19	514	4.4
12/09/03	14:00	20.1	20.3	19.7	43	7.1	3.2	ENE	3.22	11.3	NNE	20.1	19.1	19.1	762.3	0.0	0.0	199	17.12	223	2.2
12/09/03	15:00	20.0	20.4	19.7	52	9.8	1.6	E	1.61	9.7	N	20.0	19.2	19.2	762.1	0.0	0.0	131	11.27	208	1.3
12/09/03	16:00	19.6	20.1	18.9	61	11.9	1.6	S	1.61	8.0	S	19.6	19.6	19.6	762.0	0.0	0.0	91	7.83	134	0.7
12/09/03	17:00	18.3	18.9	17.4	66	11.8	1.6	S	1.61	4.8	S	18.3	18.1	18.1	761.8	0.0	0.0	12	1.03	30	0.0
12/09/03	18:00	16.6	17.4	15.0	83	13.7	3.2	WSW	3.22	9.7	WSW	16.6	16.9	16.9	762.7	0.0	0.0	1	0.09	5	0.0
12/09/03	19:00	14.8	15.2	14.5	88	12.8	1.6	WSW	1.61	4.8	WSW	14.8	14.9	14.9	762.7	0.0	0.0	0	0.00	0	0.0
12/09/03	20:00	14.3	14.5	14.1	92	13.0	1.6	NW	1.61	4.8	N	14.3	14.4	14.4	763.0	0.2	0.0	0	0.00	0	0.0
12/09/03	21:00	14.1	14.2	14.0	90	12.5	3.2	N	3.22	8.0	N	14.1	14.2	14.1	763.6	0.2	0.0	0	0.00	0	0.0
12/09/03	22:00	13.9	14.1	13.9	93	12.8	3.2	NW	3.22	8.0	NW	13.9	14.0	13.9	763.6	0.8	1.8	0	0.00	0	0.0
12/09/03	23:00	14.0	14.1	13.9	95	13.2	3.2	NW	3.22	9.7	WNW	14.0	14.1	13.9	763.1	0.4	1.2	0	0.00	0	0.0
13/09/03	00:00	14.1	14.2	13.8	96	13.4	4.8	NW	4.83	16.1	NNW	13.8	14.2	13.7	762.4	0.4	1.2	0	0.00	0	0.0

## Ivinhema 13/09/03

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
13/09/03	1:00	13.8	13.9	13.7	97	13.3	4.8	WSW	4.83	11.3	WSW	13.5	13.9	13.4	762.6	0.6	0.8	0	0.00	0	0.0
13/09/03	2:00	13.7	13.7	13.6	98	13.4	1.6	W	1.61	4.8	W	13.7	13.8	13.8	761.9	0.6	2.2	0	0.00	0	0.0
13/09/03	3:00	13.7	13.8	13.5	97	13.3	0.0	SSW	0.00	4.8	WSW	13.7	13.8	13.8	761.6	0.2	0.0	0	0.00	0	0.0
13/09/03	4:00	13.5	13.7	13.4	99	13.3	3.2	W	3.22	8.0	NNE	13.5	13.7	13.5	762.4	0.0	0.0	0	0.00	0	0.0
13/09/03	5:00	13.7	13.8	13.4	99	13.5	4.8	SW	4.83	12.9	S	13.4	13.8	13.3	763.2	0.0	0.0	0	0.00	0	0.0
13/09/03	6:00	13.9	13.9	13.8	98	13.6	0.0	WNW	0.00	3.2	SW	13.9	14.1	14.1	763.9	0.4	0.0	0	0.00	5	0.0
13/09/03	7:00	14.0	14.3	13.8	98	13.7	1.6	ESE	1.61	9.7	SE	14.0	14.2	14.2	763.9	0.2	0.0	13	1.12	32	0.0
13/09/03	8:00	14.8	15.8	14.3	94	13.8	4.8	W	4.83	17.7	WSW	14.7	14.9	14.5	764.9	0.0	0.0	100	8.60	223	0.8
13/09/03	9:00	17.0	17.9	15.8	80	13.5	3.2	SW	3.22	12.9	SW	17.0	17.4	17.4	765.1	0.0	0.0	262	22.53	551	2.4
13/09/03	10:00	17.9	18.4	17.7	77	13.9	3.2	E	3.22	12.9	E	17.9	18.3	18.3	765.1	0.0	0.0	262	22.53	438	3.1
13/09/03	11:00	18.9	19.9	18.2	74	14.2	3.2	E	3.22	11.3	ESE	18.9	19.1	19.1	764.6	0.0	0.0	329	28.30	760	4.6
13/09/03	12:00	20.6	21.1	19.9	73	15.6	3.2	E	3.22	9.7	ENE	20.6	20.9	20.9	763.8	0.0	0.0	441	37.93	887	6.2
13/09/03	13:00	21.4	21.9	20.6	71	15.9	4.8	SSE	4.83	16.1	SSE	21.4	21.5	21.5	763.6	0.0	0.0	353	30.36	955	5.6
13/09/03	14:00	22.9	23.6	21.9	52	12.6	9.7	SSE	9.66	20.9	SSW	22.9	22.8	21.9	763.3	0.0	0.0	575	49.46	908	5.3
13/09/03	15:00	23.4	24.1	22.5	46	11.1	6.4	SSE	6.44	16.1	S	23.4	23.0	23.0	762.8	0.0	0.0	409	35.18	633	3.1
13/09/03	16:00	24.2	24.5	23.8	45	11.5	4.8	S	4.83	11.3	S	24.2	23.7	23.7	763.1	0.0	0.0	315	27.09	408	1.6
13/09/03	17:00	24.3	24.8	23.4	52	13.8	1.6	S	1.61	8.0	SSW	24.3	24.3	24.3	762.9	0.0	0.0	136	11.70	222	0.5
13/09/03	18:00	22.2	23.4	20.3	66	15.6	0.0	S	0.00	3.2	S	22.2	22.3	22.3	763.0	0.0	0.0	15	1.29	55	0.0
13/09/03	19:00	18.4	20.3	16.9	84	15.7	1.6	SSW	1.61	4.8	NNW	18.4	19.2	19.2	763.5	0.0	0.0	0	0.00	0	0.0
13/09/03	20:00	15.8	16.9	15.2	87	13.7	0.0	NW	0.00	3.2	NNW	15.8	16.1	16.1	763.9	0.0	0.0	0	0.00	0	0.0
13/09/03	21:00	15.1	15.3	14.2	90	13.4	0.0	WNW	0.00	3.2	WNW	15.1	15.2	15.2	763.9	0.0	0.0	0	0.00	0	0.0
13/09/03	22:00	13.6	14.2	13.1	94	12.6	1.6	WNW	1.61	4.8	WNW	13.6	13.6	13.6	763.7	0.0	0.0	0	0.00	0	0.0
13/09/03	23:00	12.5	13.1	12.2	97	12.0	1.6	WNW	1.61	4.8	WNW	12.5	12.7	12.7	763.6	0.0	0.0	0	0.00	0	0.0
14/09/03	00:00	12.3	12.8	11.8	95	11.5	1.6	NNW	1.61	6.4	NNW	12.3	12.4	12.4	763.5	0.0	0.0	0	0.00	0	0.0

## Ivinhema 14/09/03

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
14/09/03	1:00	12.2	12.5	11.8	96	11.6	0.0	NNW	0.00	3.2	NNW	12.2	12.3	12.3	763.1	0.0	0.0	0	0.00	0	0.0
14/09/03	2:00	11.1	11.9	10.4	97	10.7	0.0	NNW	0.00	4.8	NNW	11.1	11.3	11.3	762.6	0.0	0.0	0	0.00	0	0.0
14/09/03	3:00	10.0	10.4	9.7	98	9.7	1.6	NW	1.61	4.8	NW	10.0	10.3	10.3	762.4	0.0	0.0	0	0.00	0	0.0
14/09/03	4:00	10.4	11.2	9.3	98	10.1	0.0	N	0.00	3.2	NW	10.4	10.7	10.7	762.8	0.0	0.0	0	0.00	0	0.0
14/09/03	5:00	9.8	10.9	9.1	99	9.6	3.2	NE	3.22	8.0	NNE	9.4	10.1	9.8	763.5	0.0	0.0	0	0.00	0	0.0
14/09/03	6:00	8.5	9.3	8.2	99	8.4	0.0	N	0.00	3.2	N	8.5	8.8	8.8	764.4	0.0	0.0	9	0.77	44	0.0
14/09/03	7:00	10.7	13.6	8.2	100	10.7	1.6	N	1.61	9.7	NE	10.7	11.0	11.0	764.9	0.2	0.0	135	11.61	222	0.5
14/09/03	8:00	15.7	17.0	13.6	77	11.6	11.3	ENE	11.27	25.7	ENE	14.7	15.7	13.8	765.1	0.0	0.0	319	27.44	410	1.5
14/09/03	9:00	17.9	18.9	17.0	61	10.3	12.9	ENE	12.87	25.7	E	17.4	17.6	15.5	765.1	0.0	0.0	490	42.15	565	3.5
14/09/03	10:00	19.4	20.4	18.5	58	11.0	16.1	E	16.09	29.0	E	19.1	19.2	16.5	764.9	0.0	0.0	623	53.58	674	5.9
14/09/03	11:00	21.1	21.8	20.3	54	11.4	14.5	E	14.48	27.4	E	21.1	20.5	18.3	764.1	0.0	0.0	709	60.98	734	7.8
14/09/03	12:00	22.2	23.2	21.6	50	11.3	14.5	ENE	14.48	25.7	E	22.2	21.4	19.4	763.2	0.0	0.0	738	63.48	743	8.6
14/09/03	13:00	23.5	24.4	22.8	47	11.5	11.3	ENE	11.27	22.5	ENE	23.5	23.2	22.1	762.2	0.0	0.0	710	61.07	734	8.0
14/09/03	14:00	24.8	25.5	24.1	45	12.0	9.7	ENE	9.66	20.9	ENE	24.8	24.3	23.5	761.1	0.0	0.0	623	53.58	674	6.1
14/09/03	15:00	25.6	25.9	25.2	44	12.4	8.0	ENE	8.05	16.1	ENE	25.6	25.4	25.0	760.3	0.0	0.0	488	41.97	561	3.7
14/09/03	16:00	25.9	26.2	25.7	41	11.6	8.0	ENE	8.05	16.1	E	25.9	25.7	25.4	760.0	0.0	0.0	319	27.44	406	1.7
14/09/03	17:00	25.2	25.8	24.1	50	14.0	4.8	ENE	4.83	12.9	ENE	25.2	25.2	25.2	759.7	0.0	0.0	138	11.87	227	0.5
14/09/03	18:00	22.5	24.1	20.4	66	15.8	1.6	ENE	1.61	8.0	ENE	22.5	22.8	22.8	759.8	0.0	0.0	12	1.03	49	0.0
14/09/03	19:00	20.6	21.1	19.9	67	14.3	1.6	ENE	1.61	4.8	ENE	20.6	20.6	20.6	759.9	0.0	0.0	0	0.00	0	0.0
14/09/03	20:00	18.1	19.9	16.7	79	14.4	0.0	ENE	0.00	3.2	ENE	18.1	18.7	18.7	760.3	0.0	0.0	0	0.00	0	0.0
14/09/03	21:00	15.8	16.7	14.2	90	14.2	0.0	ENE	0.00	3.2	ENE	15.8	16.1	16.1	760.5	0.0	0.0	0	0.00	0	0.0
14/09/03	22:00	13.3	14.2	12.7	93	12.2	1.6	ENE	1.61	4.8	ENE	13.3	13.4	13.4	760.4	0.0	0.0	0	0.00	0	0.0
14/09/03	23:00	12.6	12.8	12.3	95	11.8	0.0	ENE	0.00	3.2	ENE	12.6	12.7	12.7	760.6	0.0	0.0	0	0.00	0	0.0
15/09/03	00:00	12.2	12.6	11.9	94	11.3	0.0	ENE	0.00	3.2	ENE	12.2	12.3	12.3	760.4	0.0	0.0	0	0.00	0	0.0

## Ivinhema 15/09/03

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
15/09/03	1:00	11.6	12.3	10.9	97	11.1	0.0	ENE	0.00	3.2	ENE	11.6	11.8	11.8	760.0	0.0	0.0	0	0.00	0	0.0
15/09/03	2:00	10.9	11.3	10.8	98	10.6	0.0	ENE	0.00	3.2	ENE	10.9	11.2	11.2	759.4	0.0	0.0	0	0.00	0	0.0
15/09/03	3:00	10.5	11.3	10.1	98	10.2	0.0	ENE	0.00	3.2	ENE	10.5	10.8	10.8	759.4	0.0	0.0	0	0.00	0	0.0
15/09/03	4:00	10.6	11.1	10.2	98	10.3	0.0	ENE	0.00	3.2	ENE	10.6	10.8	10.8	759.7	0.0	0.0	0	0.00	0	0.0
15/09/03	5:00	10.3	10.9	9.6	98	10.0	0.0	ENE	0.00	3.2	ENE	10.3	10.6	10.6	760.3	0.0	0.0	0	0.00	0	0.0
15/09/03	6:00	9.9	10.9	9.4	98	9.6	0.0	ENE	0.00	3.2	ENE	9.9	10.2	10.2	761.7	0.0	0.0	10	0.86	39	0.0
15/09/03	7:00	11.7	14.1	9.7	94	10.8	0.0	ENE	0.00	8.0	ENE	11.7	11.9	11.9	762.2	0.0	0.0	86	7.40	190	0.4
15/09/03	8:00	15.5	16.4	14.1	79	11.9	0.0	ENE	0.00	4.8	E	15.5	15.6	15.6	762.9	0.0	0.0	157	13.50	289	0.9
15/09/03	9:00	17.4	18.7	16.2	69	11.7	4.8	E	4.83	12.9	NE	17.4	17.1	16.9	762.8	0.0	0.0	312	26.84	575	2.5
15/09/03	10:00	19.2	20.2	18.2	62	11.7	8.0	ENE	8.05	19.3	ESE	19.2	19.1	18.2	762.3	0.0	0.0	299	25.72	452	3.8
15/09/03	11:00	21.1	22.5	19.6	57	12.3	11.3	E	11.27	22.5	E	21.1	20.8	19.4	761.5	0.0	0.0	636	54.70	750	6.5
15/09/03	12:00	22.9	23.8	22.0	54	13.1	12.9	ENE	12.87	22.5	ENE	22.9	22.8	21.3	760.6	0.0	0.0	698	60.04	808	7.3
15/09/03	13:00	24.3	25.1	23.7	53	14.1	11.3	ENE	11.27	20.9	E	24.3	24.3	23.2	759.4	0.0	0.0	616	52.98	790	6.2
15/09/03	14:00	25.6	26.6	24.7	49	14.1	11.3	ENE	11.27	25.7	NE	25.6	25.6	24.6	758.9	0.0	0.0	505	43.44	649	4.5
15/09/03	15:00	24.9	25.9	22.8	70	19.1	3.2	NE	3.22	12.9	N	24.9	25.9	25.9	759.6	0.0	0.0	66	5.68	264	0.8
15/09/03	16:00	21.4	22.7	20.8	87	19.1	4.8	NNW	4.83	11.3	SSE	21.4	22.4	22.4	760.1	0.2	0.0	53	4.56	77	0.4
15/09/03	17:00	20.6	20.8	20.2	92	19.3	1.6	NNW	1.61	8.0	NNW	20.6	21.7	21.7	760.4	0.4	1.6	16	1.38	33	0.1
15/09/03	18:00	19.6	20.2	19.1	95	18.7	1.6	NNW	1.61	4.8	W	19.6	20.3	20.3	760.8	1.0	2.6	1	0.09	7	0.0
15/09/03	19:00	18.8	19.1	18.6	94	17.8	4.8	WSW	4.83	11.3	SW	18.8	19.5	19.4	761.0	0.2	1.4	0	0.00	0	0.0
15/09/03	20:00	18.4	18.6	18.2	94	17.4	9.7	WSW	9.66	17.7	WSW	18.2	18.9	17.6	762.1	0.4	1.0	0	0.00	0	0.0
15/09/03	21:00	17.9	18.2	17.7	96	17.3	4.8	SW	4.83	17.7	SW	17.9	18.4	18.2	761.9	1.4	3.4	0	0.00	0	0.0
15/09/03	22:00	17.9	18.2	17.5	93	16.7	3.2	NW	3.22	17.7	NW	17.9	18.4	18.4	761.8	0.8	1.6	0	0.00	0	0.0
15/09/03	23:00	17.5	18.2	17.2	98	17.2	3.2	WSW	3.22	8.0	SW	17.5	17.9	17.9	762.0	0.2	0.0	0	0.00	0	0.0
16/09/03	00:00	17.3	17.4	17.2	98	17.0	3.2	SSW	3.22	9.7	S	17.3	17.7	17.6	761.4	0.2	0.0	0	0.00	0	0.0

## Ivinhema 16/09/03

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
16/09/03	1:00	17.2	17.5	16.8	98	16.9	0.0	SE	0.00	3.2	SSE	17.2	17.6	17.6	760.6	0.0	0.0	0	0.00	0	0.0
16/09/03	2:00	16.6	16.9	16.2	99	16.4	3.2	ENE	3.22	11.3	NE	16.6	16.9	16.9	759.7	0.0	0.0	0	0.00	0	0.0
16/09/03	3:00	16.1	16.2	15.8	99	15.9	3.2	NE	3.22	11.3	NE	16.1	16.3	16.3	760.1	0.0	0.0	0	0.00	0	0.0
16/09/03	4:00	15.7	16.1	15.3	99	15.6	1.6	WSW	1.61	8.0	WSW	15.7	16.0	16.0	760.6	0.0	0.0	0	0.00	0	0.0
16/09/03	5:00	15.8	16.2	15.3	100	15.8	3.2	SW	3.22	9.7	WSW	15.8	16.1	16.1	761.1	0.0	0.0	0	0.00	0	0.0
16/09/03	6:00	16.5	17.0	16.2	100	16.5	1.6	SW	1.61	4.8	SW	16.5	16.9	16.9	761.8	0.0	0.0	4	0.34	21	0.0
16/09/03	7:00	17.4	17.7	17.0	100	17.4	3.2	SSW	3.22	8.0	S	17.4	17.8	17.8	762.1	0.0	0.0	46	3.96	69	0.2
16/09/03	8:00	18.1	18.5	17.7	92	16.8	3.2	SW	3.22	9.7	SSW	18.1	18.7	18.6	762.9	0.0	0.0	77	6.62	100	0.6
16/09/03	9:00	18.9	19.3	18.4	86	16.5	1.6	SW	1.61	8.0	SW	18.9	19.7	19.7	763.2	0.0	0.0	135	11.61	192	1.3
16/09/03	10:00	19.9	20.9	19.2	80	16.3	1.6	NW	1.61	9.7	NNW	19.9	20.9	20.9	763.2	0.0	0.0	239	20.56	635	2.9
16/09/03	11:00	22.7	23.6	20.9	68	16.5	3.2	SSE	3.22	11.3	SSW	22.7	23.2	23.2	762.5	0.0	0.0	658	56.60	795	6.4
16/09/03	12:00	23.8	24.6	23.2	64	16.6	6.4	S	6.44	16.1	S	23.8	24.2	24.2	761.7	0.0	0.0	733	63.05	795	7.8
16/09/03	13:00	24.8	25.6	24.1	60	16.5	11.3	SSE	11.27	20.9	S	24.8	24.8	23.8	761.1	0.0	0.0	691	59.43	716	7.2
16/09/03	14:00	25.8	26.6	25.2	57	16.6	11.3	SSE	11.27	22.5	S	25.8	26.3	25.3	760.5	0.0	0.0	616	52.98	686	5.4
16/09/03	15:00	26.1	26.7	25.4	52	15.5	9.7	S	9.66	17.7	S	26.1	26.3	25.7	760.3	0.0	0.0	392	33.72	549	2.9
16/09/03	16:00	26.2	26.7	25.1	50	14.9	9.7	S	9.66	20.9	SSW	26.2	26.2	25.5	760.3	0.0	0.0	224	19.27	375	1.3
16/09/03	17:00	25.8	26.6	25.0	59	17.2	6.4	S	6.44	16.1	S	25.8	26.4	26.4	760.3	0.0	0.0	119	10.24	199	0.4
16/09/03	18:00	23.8	25.0	22.1	69	17.8	0.0	SSW	0.00	3.2	SSW	23.8	24.7	24.7	760.7	0.0	0.0	11	0.95	42	0.0
16/09/03	19:00	20.5	22.1	19.1	80	16.9	0.0	SSW	0.00	3.2	SSW	20.5	21.5	21.5	761.2	0.0	0.0	0	0.00	0	0.0
16/09/03	20:00	18.6	19.1	18.2	88	16.5	0.0	SSW	0.00	1.6	SSW	18.6	19.3	19.3	761.6	0.0	0.0	0	0.00	0	0.0
16/09/03	21:00	17.7	18.2	17.4	94	16.7	0.0	---	0.00	0.0	---	17.7	18.1	18.1	761.7	0.0	0.0	0	0.00	0	0.0
16/09/03	22:00	16.7	17.4	16.1	93	15.6	0.0	SSW	0.00	3.2	SSW	16.7	17.0	17.0	761.4	0.0	0.0	0	0.00	0	0.0
16/09/03	23:00	15.7	16.2	15.4	93	14.5	0.0	SSW	0.00	3.2	SSW	15.7	15.9	15.9	761.2	0.0	0.0	0	0.00	0	0.0
17/09/03	00:00	14.8	15.6	13.6	94	13.9	1.6	NW	1.61	4.8	WNW	14.8	14.9	14.9	761.2	0.0	0.0	0	0.00	0	0.0



## Ivinhema 17/09/03

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
17/09/03	1:00	13.5	13.7	13.2	95	12.7	0.0	NW	0.00	3.2	NW	13.5	13.6	13.6	760.8	0.0	0.0	0	0.00	0	0.0
17/09/03	2:00	12.9	13.6	12.8	97	12.4	0.0	NW	0.00	3.2	NW	12.9	13.1	13.1	760.9	0.0	0.0	0	0.00	0	0.0
17/09/03	3:00	13.7	14.0	12.7	96	13.1	0.0	ENE	0.00	3.2	NE	13.7	13.8	13.8	760.8	0.0	0.0	0	0.00	0	0.0
17/09/03	4:00	11.9	12.7	11.6	98	11.6	1.6	NNE	1.61	3.2	ENE	11.9	12.2	12.2	760.9	0.0	0.0	0	0.00	0	0.0
17/09/03	5:00	11.8	12.3	11.3	98	11.5	1.6	NNE	1.61	3.2	NNE	11.8	12.1	12.1	761.4	0.0	0.0	0	0.00	0	0.0
17/09/03	6:00	11.4	12.0	10.9	96	10.8	1.6	WNW	1.61	3.2	WNW	11.4	11.6	11.6	762.2	0.0	0.0	11	0.95	60	0.0
17/09/03	7:00	13.5	15.8	11.8	95	12.7	3.2	SW	3.22	9.7	SW	13.5	13.6	13.4	762.7	0.0	0.0	135	11.61	218	0.5
17/09/03	8:00	17.4	19.3	15.8	78	13.5	11.3	SW	11.27	20.9	SW	16.8	17.7	15.9	762.9	0.0	0.0	319	27.44	408	1.4
17/09/03	9:00	20.7	21.9	19.2	67	14.3	9.7	S	9.66	19.3	SW	20.7	20.7	19.6	762.9	0.0	0.0	489	42.06	561	3.2
17/09/03	10:00	23.4	24.7	21.8	59	14.9	8.0	SSE	8.05	17.7	S	23.4	23.4	22.9	762.5	0.0	0.0	621	53.41	672	5.3
17/09/03	11:00	25.9	26.9	24.7	52	15.3	8.0	S	8.05	17.7	SSW	25.9	26.1	25.8	761.9	0.0	0.0	704	60.55	728	7.0
17/09/03	12:00	27.8	28.6	26.7	43	14.1	6.4	SSE	6.44	19.3	SE	27.8	28.1	28.1	761.1	0.0	0.0	743	63.91	785	7.6
17/09/03	13:00	28.3	29.1	27.6	40	13.4	4.8	SE	4.83	17.7	S	28.3	28.3	28.3	760.2	0.0	0.0	627	53.93	779	6.6
17/09/03	14:00	28.8	29.6	28.2	36	12.2	6.4	E	6.44	17.7	NE	28.8	28.4	28.4	759.5	0.0	0.0	619	53.24	669	5.5
17/09/03	15:00	29.4	29.8	28.8	35	12.3	4.8	ENE	4.83	12.9	NNE	29.4	28.9	28.9	759.1	0.0	0.0	475	40.86	549	3.3
17/09/03	16:00	29.1	29.5	28.6	38	13.3	3.2	E	3.22	11.3	ENE	29.1	28.8	28.8	758.9	0.0	0.0	306	26.32	392	1.5
17/09/03	17:00	27.8	28.7	26.6	51	16.8	3.2	E	3.22	11.3	E	27.8	28.7	28.7	759.1	0.0	0.0	128	11.01	215	0.5
17/09/03	18:00	25.2	26.6	23.9	62	17.4	3.2	E	3.22	8.0	E	25.2	25.5	25.5	759.3	0.0	0.0	13	1.12	48	0.0
17/09/03	19:00	22.9	23.9	22.0	71	17.4	3.2	ENE	3.22	8.0	E	22.9	23.8	23.8	759.8	0.0	0.0	0	0.00	0	0.0
17/09/03	20:00	21.1	22.0	20.5	78	17.1	1.6	ENE	1.61	4.8	ENE	21.1	21.9	21.9	760.1	0.0	0.0	0	0.00	0	0.0
17/09/03	21:00	19.0	20.6	17.5	87	16.8	1.6	ENE	1.61	4.8	ENE	19.0	19.9	19.9	760.7	0.0	0.0	0	0.00	0	0.0
17/09/03	22:00	16.8	17.7	15.6	94	15.8	0.0	NNE	0.00	8.0	NNE	16.8	17.1	17.1	760.9	0.0	0.0	0	0.00	0	0.0
17/09/03	23:00	15.4	16.2	14.8	97	15.0	1.6	NNE	1.61	8.0	NNE	15.4	15.7	15.7	760.9	0.0	0.0	0	0.00	0	0.0
18/09/03	00:00	15.1	15.5	14.8	96	14.5	1.6	NNE	1.61	8.0	NNE	15.1	15.3	15.3	760.6	0.0	0.0	0	0.00	0	0.0

## Ivinhema 18/09/03

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
18/09/03	1:00	14.7	14.9	14.3	94	13.7	0.0	NNE	0.00	3.2	NNE	14.7	14.8	14.8	760.0	0.0	0.0	0	0.00	0	0.0
18/09/03	2:00	13.1	14.3	12.3	98	12.8	1.6	NNE	1.61	4.8	NNE	13.1	13.3	13.3	759.9	0.0	0.0	0	0.00	0	0.0
18/09/03	3:00	12.4	12.8	11.8	99	12.2	1.6	WNW	1.61	4.8	NNE	12.4	12.6	12.6	759.7	0.0	0.0	0	0.00	0	0.0
18/09/03	4:00	12.7	13.4	12.1	99	12.6	1.6	NW	1.61	4.8	NW	12.7	12.9	12.9	759.9	0.0	0.0	0	0.00	0	0.0
18/09/03	5:00	11.8	13.7	10.9	98	11.5	1.6	NW	1.61	3.2	NW	11.8	12.1	12.1	760.5	0.0	0.0	0	0.00	0	0.0
18/09/03	6:00	11.2	12.0	10.6	99	11.1	0.0	NW	0.00	3.2	NW	11.2	11.5	11.5	761.0	0.0	0.0	11	0.95	56	0.0
18/09/03	7:00	13.6	16.2	11.8	100	13.6	0.0	NW	0.00	3.2	NW	13.6	13.8	13.8	761.6	0.0	0.0	147	12.64	234	0.5
18/09/03	8:00	17.8	19.6	16.2	80	14.3	6.4	E	6.44	12.9	ENE	17.8	18.3	18.0	761.9	0.0	0.0	332	28.56	422	1.6
18/09/03	9:00	21.4	23.1	19.6	61	13.6	11.3	E	11.27	22.5	E	21.4	21.4	20.0	762.2	0.2	0.0	505	43.44	577	3.6
18/09/03	10:00	24.0	24.9	22.9	53	13.8	14.5	E	14.48	27.4	ENE	24.0	24.0	22.3	762.1	0.0	0.0	636	54.70	688	5.9
18/09/03	11:00	25.6	26.4	24.8	46	13.1	12.9	E	12.87	22.5	ENE	25.6	25.4	24.2	761.6	0.0	0.0	722	62.10	746	7.8
18/09/03	12:00	27.0	27.7	26.3	35	10.2	14.5	E	14.48	25.7	ENE	27.0	26.5	25.3	760.9	0.0	0.0	752	64.68	757	8.6
18/09/03	13:00	28.0	29.2	27.3	24	5.5	14.5	ENE	14.48	27.4	ENE	28.0	26.9	25.9	760.0	0.0	0.0	726	62.44	750	7.9
18/09/03	14:00	28.9	29.4	28.6	29	9.1	11.3	E	11.27	20.9	ENE	28.9	27.8	27.2	759.2	0.0	0.0	634	54.53	691	6.1
18/09/03	15:00	29.1	29.4	28.9	28	8.7	9.7	ENE	9.66	20.9	E	29.1	27.9	27.5	758.7	0.0	0.0	497	42.75	572	3.7
18/09/03	16:00	28.8	29.5	28.6	32	10.5	8.0	E	8.05	17.7	ENE	28.8	28.1	27.8	758.5	0.0	0.0	326	28.04	415	1.6
18/09/03	17:00	27.7	28.7	26.6	45	14.7	3.2	ENE	3.22	11.3	ENE	27.7	28.0	28.0	758.3	0.0	0.0	129	11.10	222	0.5
18/09/03	18:00	24.9	26.6	23.4	53	14.7	3.2	ENE	3.22	8.0	NE	24.9	24.9	24.9	758.4	0.0	0.0	14	1.20	53	0.0
18/09/03	19:00	22.3	23.4	21.3	60	14.2	3.2	ENE	3.22	4.8	ENE	22.3	22.3	22.3	758.7	0.0	0.0	0	0.00	0	0.0
18/09/03	20:00	19.8	21.3	18.9	74	15.0	0.0	ENE	0.00	3.2	ENE	19.8	20.2	20.2	759.0	0.0	0.0	0	0.00	0	0.0
18/09/03	21:00	18.6	19.9	17.6	87	16.4	0.0	ENE	0.00	3.2	ENE	18.6	19.4	19.4	759.1	0.0	0.0	0	0.00	0	0.0
18/09/03	22:00	16.1	17.6	15.2	88	14.1	1.6	NNE	1.61	4.8	NE	16.1	16.4	16.4	759.1	0.0	0.0	0	0.00	0	0.0
18/09/03	23:00	14.4	15.2	13.8	88	12.5	0.0	NNE	0.00	4.8	NNE	14.4	14.6	14.6	758.6	0.0	0.0	0	0.00	0	0.0
19/09/03	00:00	13.8	14.6	13.3	94	12.9	1.6	NE	1.61	4.8	NNE	13.8	13.9	13.9	758.4	0.0	0.0	0	0.00	0	0.0

## Ivinhema 19/09/03

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
19/09/03	1:00	13.2	15.3	11.8	82	10.2	1.6	NW	1.61	8.0	N	13.2	13.2	13.2	757.9	0.0	0.0	0	0.00	0	0.0
19/09/03	2:00	10.7	12.8	10.2	95	9.9	0.0	N	0.00	6.4	N	10.7	10.9	10.9	757.8	0.0	0.0	0	0.00	0	0.0
19/09/03	3:00	10.4	11.2	9.7	96	9.8	0.0	W	0.00	4.8	W	10.4	10.7	10.7	757.7	0.0	0.0	0	0.00	0	0.0
19/09/03	4:00	9.8	10.3	9.4	96	9.2	0.0	W	0.00	3.2	W	9.8	10.1	10.1	757.8	0.0	0.0	0	0.00	0	0.0
19/09/03	5:00	9.5	10.6	8.6	96	8.9	0.0	W	0.00	3.2	W	9.5	9.8	9.8	758.4	0.0	0.0	0	0.00	0	0.0
19/09/03	6:00	9.1	9.7	8.6	96	8.5	0.0	N	0.00	3.2	W	9.1	9.4	9.4	758.9	0.0	0.0	14	1.20	70	0.0
19/09/03	7:00	12.4	15.8	9.2	83	9.6	3.2	NE	3.22	12.9	NE	12.4	12.4	12.3	759.2	0.0	0.0	153	13.16	236	0.5
19/09/03	8:00	17.7	19.6	15.8	69	12.0	11.3	ENE	11.27	22.5	NE	17.2	17.4	15.7	759.4	0.0	0.0	337	28.99	428	1.7
19/09/03	9:00	21.7	23.4	19.7	56	12.5	14.5	ENE	14.48	27.4	ENE	21.7	21.3	19.2	759.5	0.0	0.0	506	43.52	575	3.7
19/09/03	10:00	24.2	25.2	23.2	54	14.3	14.5	E	14.48	30.6	E	24.2	24.2	22.5	759.3	0.0	0.0	634	54.53	684	6.0
19/09/03	11:00	25.9	27.1	25.0	50	14.7	12.9	E	12.87	22.5	ENE	25.9	25.9	24.8	758.5	0.0	0.0	716	61.58	737	7.9
19/09/03	12:00	28.2	29.4	26.6	42	14.1	12.9	E	12.87	27.4	ENE	28.2	28.4	27.5	757.4	0.0	0.0	742	63.82	744	8.6
19/09/03	13:00	29.7	30.2	29.2	38	13.8	12.9	E	12.87	27.4	NE	29.7	29.4	28.7	756.6	0.0	0.0	705	60.64	735	7.7
19/09/03	14:00	30.4	31.0	29.9	36	13.7	11.3	E	11.27	22.5	ENE	30.4	30.1	29.6	755.8	0.0	0.0	610	52.47	665	5.5
19/09/03	15:00	30.7	30.9	30.6	35	13.5	9.7	E	9.66	19.3	ENE	30.7	30.2	29.9	755.3	0.0	0.0	472	40.60	551	3.3
19/09/03	16:00	30.7	30.9	30.6	39	15.1	8.0	E	8.05	19.3	ESE	30.7	30.6	30.4	755.1	0.0	0.0	303	26.06	389	1.5
19/09/03	17:00	29.9	30.6	29.2	45	16.7	3.2	E	3.22	11.3	E	29.9	30.4	30.4	755.3	0.0	0.0	124	10.67	211	0.4
19/09/03	18:00	27.4	29.2	26.0	52	16.7	0.0	E	0.00	3.2	E	27.4	28.0	28.0	755.8	0.0	0.0	11	0.95	44	0.0
19/09/03	19:00	25.8	26.3	24.8	57	16.7	0.0	ESE	0.00	3.2	ESE	25.8	26.4	26.4	756.0	0.0	0.0	0	0.00	0	0.0
19/09/03	20:00	22.4	24.8	20.6	75	17.7	0.0	ESE	0.00	3.2	ESE	22.4	23.1	23.1	756.6	0.0	0.0	0	0.00	0	0.0
19/09/03	21:00	19.3	20.6	18.5	80	15.7	0.0	ESE	0.00	3.2	ESE	19.3	20.2	20.2	756.8	0.0	0.0	0	0.00	0	0.0
19/09/03	22:00	17.7	19.8	16.6	89	15.9	1.6	NW	1.61	9.7	WNW	17.7	18.3	18.3	757.1	0.0	0.0	0	0.00	0	0.0
19/09/03	23:00	17.5	17.9	16.8	88	15.5	1.6	NE	1.61	3.2	WNW	17.5	18.0	18.0	757.0	0.0	0.0	0	0.00	0	0.0
20/09/03	00:00	16.8	17.3	16.2	83	13.9	3.2	NNE	3.22	8.0	NNE	16.8	17.2	17.2	756.6	0.0	0.0	0	0.00	0	0.0

## Ivinhema 20/09/03

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
20/09/03	1:00	15.9	17.0	14.9	86	13.5	1.6	NNE	1.61	8.0	NNE	15.9	16.2	16.2	756.6	0.0	0.0	0	0.00	0	0.0
20/09/03	2:00	16.3	17.0	15.2	91	14.9	1.6	SW	1.61	8.0	SW	16.3	16.7	16.7	756.3	0.0	0.0	0	0.00	0	0.0
20/09/03	3:00	14.6	15.8	13.7	94	13.6	1.6	WNW	1.61	8.0	WNW	14.6	14.7	14.7	756.5	0.0	0.0	0	0.00	0	0.0
20/09/03	4:00	13.1	14.1	12.6	97	12.6	1.6	NW	1.61	8.0	NW	13.1	13.2	13.2	757.0	0.0	0.0	0	0.00	0	0.0
20/09/03	5:00	14.0	15.0	13.2	97	13.5	1.6	SW	1.61	4.8	SW	14.0	14.1	14.1	757.5	0.0	0.0	0	0.00	0	0.0
20/09/03	6:00	13.3	14.7	12.7	96	12.7	1.6	N	1.61	4.8	NNW	13.3	13.4	13.4	758.4	0.0	0.0	13	1.12	60	0.0
20/09/03	7:00	15.7	19.3	12.8	88	13.7	0.0	WSW	0.00	4.8	WSW	15.7	15.9	15.9	758.9	0.0	0.0	145	12.47	223	0.5
20/09/03	8:00	21.2	22.9	19.3	71	15.7	4.8	E	4.83	11.3	NE	21.2	21.3	21.3	759.0	0.0	0.0	316	27.18	403	1.5
20/09/03	9:00	25.2	26.9	22.9	51	14.3	8.0	E	8.05	19.3	E	25.2	25.2	24.8	758.9	0.0	0.0	478	41.11	545	3.2
20/09/03	10:00	27.8	28.8	26.7	48	15.8	11.3	E	11.27	19.3	E	27.8	28.5	27.8	758.5	0.0	0.0	605	52.04	658	5.1
20/09/03	11:00	30.2	31.1	28.8	45	16.9	11.3	E	11.27	22.5	E	30.2	30.8	30.3	758.2	0.0	0.0	680	58.49	695	6.5
20/09/03	12:00	31.1	32.1	30.4	38	15.1	9.7	E	9.66	19.3	E	31.1	30.9	30.6	757.4	0.0	0.0	676	58.14	702	6.0
20/09/03	13:00	32.4	33.2	31.7	34	14.6	9.7	E	9.66	20.9	E	32.4	32.5	32.3	756.5	0.0	0.0	649	55.82	683	5.5
20/09/03	14:00	33.4	33.7	33.0	33	15.0	11.3	E	11.27	19.3	ENE	33.4	33.9	33.6	755.8	0.0	0.0	570	49.03	625	4.3
20/09/03	15:00	33.7	34.0	33.5	32	14.7	9.7	E	9.66	20.9	E	33.7	34.1	33.9	755.5	0.0	0.0	430	36.98	507	2.4
20/09/03	16:00	33.6	34.0	33.2	36	16.5	4.8	E	4.83	16.1	E	33.6	34.6	34.6	755.6	0.0	0.0	258	22.19	336	0.9
20/09/03	17:00	32.3	33.2	31.0	41	17.4	0.0	E	0.00	4.8	E	32.3	33.6	33.6	755.7	0.0	0.0	111	9.55	183	0.3
20/09/03	18:00	29.3	31.0	27.8	48	17.1	0.0	---	0.00	0.0	---	29.3	30.1	30.1	756.1	0.0	0.0	11	0.95	42	0.0
20/09/03	19:00	26.6	27.9	24.1	73	21.4	0.0	ESE	0.00	3.2	ESE	26.6	28.5	28.5	756.3	0.0	0.0	0	0.00	0	0.0
20/09/03	20:00	22.3	24.2	20.6	79	18.5	1.6	ESE	1.61	4.8	ESE	22.3	23.2	23.2	756.7	0.0	0.0	0	0.00	0	0.0
20/09/03	21:00	20.4	21.3	19.7	82	17.3	0.0	SSE	0.00	3.2	ESE	20.4	21.4	21.4	756.9	0.0	0.0	0	0.00	0	0.0
20/09/03	22:00	19.1	19.7	18.6	84	16.3	0.0	W	0.00	3.2	W	19.1	20.0	20.0	757.0	0.0	0.0	0	0.00	0	0.0
20/09/03	23:00	18.2	19.2	17.4	86	15.8	1.6	N	1.61	8.0	N	18.2	18.8	18.8	757.0	0.0	0.0	0	0.00	0	0.0
21/09/03	00:00	17.9	18.4	16.8	83	15.0	0.0	N	0.00	3.2	N	17.9	18.5	18.5	756.7	0.0	0.0	0	0.00	0	0.0

## Ivinhema 21/09/03

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 Rad.	UV
21/09/03	1:00	17.3	18.2	16.2	85	14.8	1.6	N	1.61	8.0	NNE	17.3	17.8	17.8	756.4	0.0	0.0	0	0.00	0	0.0	0.0
21/09/03	2:00	16.8	17.5	15.9	83	13.9	3.2	NNE	3.22	8.0	NNE	16.8	17.2	17.1	756.4	0.0	0.0	0	0.00	0	0.0	0.0
21/09/03	3:00	15.9	17.5	15.0	87	13.8	1.6	N	1.61	4.8	NE	15.9	16.2	16.2	756.9	0.0	0.0	0	0.00	0	0.0	0.0
21/09/03	4:00	15.1	16.3	13.9	97	14.6	3.2	SSW	3.22	9.7	SW	15.1	15.2	15.1	757.7	0.0	0.0	0	0.00	0	0.0	0.0
21/09/03	5:00	14.7	15.8	13.3	95	13.9	1.6	SSW	1.61	4.8	SW	14.7	14.8	14.8	758.5	0.0	0.0	0	0.00	0	0.0	0.0
21/09/03	6:00	14.0	14.8	13.4	91	12.6	1.6	WNW	1.61	4.8	WNW	14.0	14.1	14.1	759.5	0.0	0.0	16	1.38	53	0.0	0.0
21/09/03	7:00	16.7	19.7	14.8	84	14.0	0.0	WNW	0.00	3.2	WNW	16.7	17.1	17.1	760.1	0.0	0.0	136	11.70	213	0.5	0.5
21/09/03	8:00	21.3	23.8	19.8	68	15.2	1.6	SW	1.61	8.0	SW	21.3	21.3	21.3	760.6	0.0	0.0	284	24.43	385	1.4	1.4
21/09/03	9:00	25.1	26.7	23.8	53	14.9	6.4	E	6.44	17.7	ENE	25.1	25.2	25.2	760.3	0.0	0.0	439	37.76	501	3.0	3.0
21/09/03	10:00	27.7	28.3	26.8	47	15.3	16.1	ENE	16.09	32.2	ENE	27.7	28.1	26.8	760.0	0.0	0.0	540	46.45	632	4.8	4.8
21/09/03	11:00	28.5	28.9	28.0	48	16.4	16.1	ENE	16.09	30.6	ENE	28.5	29.3	28.1	759.9	0.0	0.0	637	54.79	693	6.4	6.4
21/09/03	12:00	29.0	29.6	28.6	48	16.9	12.9	E	12.87	25.7	E	29.0	29.8	29.0	759.2	0.0	0.0	596	51.26	660	6.4	6.4
21/09/03	13:00	30.1	31.0	29.2	41	15.4	12.9	E	12.87	25.7	ENE	30.1	30.2	29.6	758.2	0.0	0.0	636	54.70	684	6.3	6.3
21/09/03	14:00	30.9	31.1	30.7	44	17.3	12.9	E	12.87	25.7	ESE	30.9	31.8	31.2	757.4	0.0	0.0	499	42.92	642	4.4	4.4
21/09/03	15:00	31.1	31.3	30.9	41	16.3	11.3	E	11.27	20.9	ENE	31.1	31.4	31.0	757.0	0.0	0.0	342	29.42	442	2.5	2.5
21/09/03	16:00	31.0	31.3	30.6	46	18.0	8.0	E	8.05	16.1	E	31.0	32.2	32.0	757.0	0.0	0.0	206	17.72	313	1.2	1.2
21/09/03	17:00	30.0	30.6	29.2	49	18.1	3.2	E	3.22	9.7	E	30.0	30.9	30.9	757.4	0.0	0.0	115	9.89	215	0.4	0.4
21/09/03	18:00	27.9	29.2	27.1	55	18.0	1.6	E	1.61	8.0	E	27.9	28.8	28.8	757.7	0.0	0.0	16	1.38	46	0.0	0.0
21/09/03	19:00	24.8	27.1	22.4	73	19.6	0.0	ESE	0.00	4.8	ESE	24.8	26.0	26.0	758.1	0.0	0.0	0	0.00	0	0.0	0.0
21/09/03	20:00	21.7	22.4	20.9	83	18.7	0.0	WNW	0.00	1.6	WNW	21.7	22.7	22.7	758.3	0.0	0.0	0	0.00	0	0.0	0.0
21/09/03	21:00	20.1	20.9	18.9	87	17.9	1.6	WNW	1.61	8.0	WNW	20.1	21.1	21.1	758.7	0.0	0.0	0	0.00	0	0.0	0.0
21/09/03	22:00	18.5	18.9	18.3	90	16.8	1.6	WNW	1.61	8.0	WNW	18.5	19.2	19.2	759.1	0.0	0.0	0	0.00	0	0.0	0.0
21/09/03	23:00	18.2	18.4	18.1	91	16.7	0.0	WNW	0.00	3.2	WNW	18.2	18.8	18.8	759.2	0.0	0.0	0	0.00	0	0.0	0.0
22/09/03	00:00	17.9	18.2	17.7	89	16.1	0.0	WNW	0.00	3.2	WNW	17.9	18.6	18.6	759.1	0.0	0.0	0	0.00	0	0.0	0.0

## Ivinhema 22/09/03

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
22/09/03	1:00	16.8	17.7	16.2	88	14.8	0.0	W	0.00	4.8	W	16.8	17.2	17.2	758.7	0.0	0.0	0	0.00	0	0.0
22/09/03	2:00	16.5	17.4	15.6	95	15.7	1.6	WSW	1.61	8.0	WSW	16.5	16.7	16.7	758.4	0.0	0.0	0	0.00	0	0.0
22/09/03	3:00	15.6	15.8	15.2	94	14.6	1.6	SW	1.61	8.0	W	15.6	15.7	15.7	758.2	0.0	0.0	0	0.00	0	0.0
22/09/03	4:00	15.1	15.8	14.5	98	14.8	1.6	SW	1.61	4.8	W	15.1	15.3	15.3	758.5	0.0	0.0	0	0.00	0	0.0
22/09/03	5:00	14.5	14.8	14.2	98	14.2	0.0	W	0.00	3.2	W	14.5	14.7	14.7	759.1	0.0	0.0	0	0.00	0	0.0
22/09/03	6:00	14.1	14.5	13.7	100	14.1	0.0	W	0.00	3.2	W	14.1	14.3	14.3	759.8	0.0	0.0	14	1.20	60	0.0
22/09/03	7:00	16.8	20.3	14.5	84	14.1	1.6	ENE	1.61	8.0	ENE	16.8	17.2	17.2	760.4	0.0	0.0	136	11.70	225	0.5
22/09/03	8:00	21.9	23.7	20.3	74	17.0	4.8	E	4.83	12.9	E	21.9	22.3	22.3	760.2	0.0	0.0	320	27.52	408	1.5
22/09/03	9:00	25.9	27.4	23.7	53	15.6	9.7	E	9.66	19.3	ENE	25.9	26.1	25.4	760.1	0.0	0.0	489	42.06	560	3.4
22/09/03	10:00	28.7	29.5	27.4	48	16.6	14.5	E	14.48	29.0	ENE	28.7	29.4	28.5	759.6	0.0	0.0	623	53.58	674	5.6
22/09/03	11:00	30.4	31.9	29.4	41	15.7	14.5	E	14.48	25.7	E	30.4	30.5	29.7	758.9	0.0	0.0	707	60.81	725	7.5
22/09/03	12:00	32.4	33.0	31.7	33	14.1	14.5	E	14.48	27.4	E	32.4	32.3	31.8	758.0	0.0	0.0	709	60.98	735	7.1
22/09/03	13:00	33.3	33.7	32.8	36	16.2	12.9	E	12.87	22.5	E	33.3	34.1	33.7	756.9	0.0	0.0	653	56.17	707	5.3
22/09/03	14:00	33.9	34.3	33.5	37	17.2	9.7	E	9.66	19.3	E	33.9	35.3	35.1	756.1	0.0	0.0	572	49.20	626	4.2
22/09/03	15:00	34.0	34.4	33.7	39	18.1	8.0	E	8.05	19.3	ENE	34.0	35.7	35.7	755.5	0.0	0.0	429	36.90	521	2.0
22/09/03	16:00	33.1	33.7	32.3	41	18.0	6.4	E	6.44	11.3	ESE	33.1	34.4	34.4	755.4	0.0	0.0	251	21.59	343	0.8
22/09/03	17:00	31.3	32.3	30.2	42	16.8	4.8	E	4.83	12.9	E	31.3	31.9	31.9	755.6	0.0	0.0	107	9.20	178	0.2
22/09/03	18:00	28.8	30.2	27.3	48	16.7	3.2	E	3.22	11.3	E	28.8	29.6	29.6	756.1	0.0	0.0	13	1.12	44	0.0
22/09/03	19:00	26.5	27.4	25.3	55	16.7	1.6	E	1.61	8.0	E	26.5	27.0	27.0	756.3	0.0	0.0	0	0.00	0	0.0
22/09/03	20:00	22.7	25.5	19.4	78	18.7	1.6	E	1.61	4.8	E	22.7	23.7	23.7	756.9	0.0	0.0	0	0.00	0	0.0
22/09/03	21:00	19.6	20.2	18.9	85	17.0	0.0	WNW	0.00	4.8	WNW	19.6	20.6	20.6	757.1	0.0	0.0	0	0.00	0	0.0
22/09/03	22:00	18.6	19.5	18.1	88	16.6	1.6	WNW	1.61	4.8	WNW	18.6	19.4	19.4	757.1	0.0	0.0	0	0.00	0	0.0
22/09/03	23:00	17.9	18.1	17.5	88	15.9	1.6	WNW	1.61	4.8	W	17.9	18.4	18.4	757.0	0.0	0.0	0	0.00	0	0.0
23/09/03	00:00	17.3	17.9	17.0	94	16.3	1.6	WSW	1.61	4.8	WSW	17.3	17.7	17.7	756.9	0.0	0.0	0	0.00	0	0.0

## Ivinhema 23/09/03

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
23/09/03	1:00	16.7	17.1	16.2	93	15.6	1.6	W	1.61	4.8	W	16.7	17.0	17.0	756.5	0.0	0.0	0	0.00	0	0.0
23/09/03	2:00	15.9	16.6	15.5	96	15.3	0.0	W	0.00	1.6	W	15.9	16.2	16.2	756.1	0.0	0.0	0	0.00	0	0.0
23/09/03	3:00	15.4	16.1	14.9	93	14.3	1.6	N	1.61	8.0	NNW	15.4	15.6	15.6	755.9	0.0	0.0	0	0.00	0	0.0
23/09/03	4:00	14.6	14.8	13.8	94	13.6	0.0	N	0.00	3.2	N	14.6	14.7	14.7	756.1	0.0	0.0	0	0.00	0	0.0
23/09/03	5:00	14.4	15.2	13.7	90	12.8	0.0	N	0.00	3.2	N	14.4	14.6	14.6	756.3	0.0	0.0	0	0.00	0	0.0
23/09/03	6:00	14.4	15.1	13.8	88	12.5	3.2	NE	3.22	9.7	NE	14.4	14.6	14.5	757.0	0.0	0.0	16	1.38	65	0.0
23/09/03	7:00	17.2	21.0	14.8	76	13.0	1.6	NE	1.61	11.3	NE	17.2	17.3	17.3	757.4	0.0	0.0	154	13.25	246	0.5
23/09/03	8:00	23.9	26.0	21.0	50	12.8	8.0	NE	8.05	19.3	NNE	23.9	23.9	23.4	757.7	0.0	0.0	339	29.16	424	1.7
23/09/03	9:00	28.0	28.8	26.1	44	14.6	14.5	ENE	14.48	27.4	NNE	28.0	28.3	27.2	757.4	0.0	0.0	505	43.44	577	3.6
23/09/03	10:00	29.3	30.4	28.3	38	13.5	12.9	E	12.87	22.5	E	29.3	29.1	28.3	757.1	0.0	0.0	635	54.62	684	5.9
23/09/03	11:00	32.3	34.6	30.3	31	13.0	11.3	E	11.27	30.6	NE	32.3	31.8	31.5	756.5	0.0	0.0	713	61.33	739	7.6
23/09/03	12:00	35.4	36.7	34.3	24	11.7	14.5	NE	14.48	29.0	NE	35.4	34.6	34.5	755.5	0.0	0.0	735	63.22	743	8.1
23/09/03	13:00	37.2	37.9	36.2	18	8.9	14.5	NNE	14.48	29.0	NNE	37.2	35.8	36.0	754.4	0.0	0.0	702	60.38	727	7.4
23/09/03	14:00	38.2	38.6	37.7	16	8.0	12.9	N	12.87	29.0	N	38.2	36.4	36.7	753.6	0.0	0.0	618	53.15	669	5.7
23/09/03	15:00	38.3	38.7	38.0	17	9.0	12.9	N	12.87	29.0	NNE	38.3	36.7	36.9	752.9	0.0	0.0	480	41.29	556	3.5
23/09/03	16:00	38.2	38.3	37.9	20	11.3	8.0	N	8.05	20.9	N	38.2	37.2	37.2	753.1	0.0	0.0	309	26.58	398	1.6
23/09/03	17:00	36.9	37.9	34.9	28	15.4	3.2	N	3.22	11.3	N	36.9	37.6	37.6	753.2	0.0	0.0	128	11.01	213	0.5
23/09/03	18:00	32.2	34.9	28.4	55	22.0	0.0	E	0.00	4.8	ENE	32.2	36.3	36.3	753.7	0.0	0.0	11	0.95	44	0.0
23/09/03	19:00	28.8	29.3	28.4	47	16.3	3.2	E	3.22	8.0	E	28.8	29.5	29.5	754.1	0.0	0.0	0	0.00	0	0.0
23/09/03	20:00	26.6	28.9	24.3	61	18.4	1.6	E	1.61	9.7	E	26.6	27.6	27.6	754.5	0.0	0.0	0	0.00	0	0.0
23/09/03	21:00	24.6	25.9	23.6	67	18.1	3.2	NNE	3.22	8.0	NE	24.6	25.3	25.3	755.1	0.0	0.0	0	0.00	0	0.0
23/09/03	22:00	22.8	23.4	22.3	65	15.9	1.6	NNW	1.61	11.3	NW	22.8	23.2	23.2	755.1	0.0	0.0	0	0.00	0	0.0
23/09/03	23:00	21.9	23.3	20.4	81	18.5	1.6	ENE	1.61	11.3	WNW	21.9	22.9	22.9	754.9	0.0	0.0	0	0.00	0	0.0
24/09/03	00:00	20.9	21.6	20.3	79	17.2	0.0	WNW	0.00	8.0	WNW	20.9	21.8	21.8	754.7	0.0	0.0	0	0.00	0	0.0

## Ivinhema 24/09/03

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
24/09/03	1:00	20.0	20.7	19.1	82	16.8	1.6	NE	1.61	8.0	NNE	20.0	21.0	21.0	753.9	0.0	0.0	0	0.00	0	0.0
24/09/03	2:00	19.2	19.6	18.9	80	15.6	1.6	NNE	1.61	8.0	NNE	19.2	20.0	20.0	753.8	0.0	0.0	0	0.00	0	0.0
24/09/03	3:00	19.3	19.6	18.9	80	15.7	3.2	NNW	3.22	8.0	N	19.3	20.2	20.2	753.9	0.0	0.0	0	0.00	0	0.0
24/09/03	4:00	18.6	19.4	18.2	80	15.0	0.0	ENE	0.00	4.8	ENE	18.6	19.3	19.3	754.3	0.0	0.0	0	0.00	0	0.0
24/09/03	5:00	19.4	19.9	18.9	84	16.7	3.2	ENE	3.22	8.0	ENE	19.4	20.4	20.4	754.5	0.0	0.0	0	0.00	0	0.0
24/09/03	6:00	18.3	19.9	17.6	87	16.1	3.2	NE	3.22	9.7	NE	18.3	18.9	18.9	755.1	0.0	0.0	19	1.63	72	0.0
24/09/03	7:00	20.3	22.8	17.8	69	14.4	4.8	NNE	4.83	9.7	NE	20.3	20.3	20.3	755.6	0.0	0.0	159	13.68	260	0.5
24/09/03	8:00	24.4	26.6	22.8	57	15.3	4.8	NE	4.83	12.9	NE	24.4	24.4	24.4	755.8	0.0	0.0	259	22.28	450	1.4
24/09/03	9:00	27.1	28.4	26.2	55	17.3	4.8	E	4.83	12.9	E	27.1	27.7	27.7	756.0	0.0	0.0	394	33.89	660	2.8
24/09/03	10:00	30.3	33.0	28.4	38	14.4	4.8	E	4.83	11.3	E	30.3	30.1	30.1	755.8	0.0	0.0	534	45.93	693	4.5
24/09/03	11:00	33.3	34.3	30.4	53	22.4	14.5	W	14.48	38.6	WSW	33.3	37.6	37.2	755.8	0.0	0.0	389	33.46	811	3.9
24/09/03	12:00	31.8	34.0	29.5	42	17.3	17.7	WSW	17.70	40.2	W	31.8	33.0	32.2	755.4	0.2	0.0	417	35.87	794	4.1
24/09/03	13:00	32.9	34.0	31.9	45	19.4	24.1	WSW	24.14	41.8	W	32.9	35.1	34.3	754.9	0.0	0.0	537	46.19	706	3.9
24/09/03	14:00	30.3	32.8	28.8	51	19.1	30.6	WSW	30.58	51.5	SW	30.3	31.9	30.0	755.0	0.0	0.0	274	23.57	618	1.8
24/09/03	15:00	27.4	28.7	26.3	58	18.4	33.8	SW	33.80	51.5	SW	27.4	28.3	25.4	754.9	0.0	0.0	323	27.78	475	1.1
24/09/03	16:00	26.8	27.3	26.2	54	16.7	27.4	SW	27.36	45.1	SW	26.8	27.2	24.6	755.0	0.0	0.0	215	18.49	336	0.8
24/09/03	17:00	25.9	26.6	25.1	62	18.0	17.7	SW	17.70	35.4	SSW	25.9	26.8	25.0	755.1	0.0	0.0	73	6.28	116	0.3
24/09/03	18:00	24.2	25.1	23.6	66	17.5	11.3	SW	11.27	20.9	SW	24.2	24.8	23.7	755.6	0.0	0.0	11	0.95	39	0.0
24/09/03	19:00	22.8	23.6	22.3	73	17.7	6.4	SW	6.44	16.1	SW	22.8	23.7	23.7	756.0	0.0	0.0	0	0.00	0	0.0
24/09/03	20:00	21.9	22.3	21.3	77	17.7	1.6	WSW	1.61	8.0	WSW	21.9	22.6	22.6	756.3	0.0	0.0	0	0.00	0	0.0
24/09/03	21:00	20.3	21.2	19.9	79	16.5	4.8	WSW	4.83	11.3	WSW	20.3	21.2	21.2	756.6	0.0	0.0	0	0.00	0	0.0
24/09/03	22:00	20.4	20.9	19.4	84	17.6	1.6	SW	1.61	8.0	SW	20.4	21.4	21.4	756.1	0.0	0.0	0	0.00	0	0.0
24/09/03	23:00	18.9	19.4	18.8	85	16.4	1.6	W	1.61	4.8	W	18.9	19.8	19.8	755.9	0.0	0.0	0	0.00	0	0.0
25/09/03	00:00	18.3	18.9	18.1	85	15.7	1.6	WSW	1.61	9.7	WSW	18.3	19.0	19.0	755.5	0.0	0.0	0	0.00	0	0.0



## Ivinhema 25/09/03

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 Rad.	UV
25/09/03	1:00	17.7	18.2	17.5	88	15.7	3.2	WSW	3.22	11.3	SW	17.7	18.2	18.2	755.4	0.0	0.0	0	0.00	0	0.00	0.0
25/09/03	2:00	17.3	17.7	17.2	90	15.7	4.8	SW	4.83	9.7	SW	17.3	17.8	17.6	755.5	0.0	0.0	0	0.00	0	0.00	0.0
25/09/03	3:00	17.2	17.3	17.0	97	16.7	3.2	SSW	3.22	9.7	SSW	17.2	17.6	17.5	755.4	0.0	0.0	0	0.00	0	0.00	0.0
25/09/03	4:00	16.9	17.0	16.7	95	16.1	3.2	SW	3.22	9.7	SW	16.9	17.2	17.1	755.5	0.0	0.0	0	0.00	0	0.00	0.0
25/09/03	5:00	16.3	16.7	16.1	97	15.9	3.2	WSW	3.22	8.0	SW	16.3	16.6	16.6	755.7	0.0	0.0	0	0.00	0	0.00	0.0
25/09/03	6:00	16.3	16.7	16.1	98	16.0	1.6	WSW	1.61	8.0	WSW	16.3	16.6	16.6	756.1	0.0	0.0	17	1.46	55	0.00	0.0
25/09/03	7:00	17.7	19.2	16.7	92	16.4	3.2	SW	3.22	9.7	WSW	17.7	18.2	18.1	756.7	0.0	0.0	108	9.29	245	0.00	0.4
25/09/03	8:00	21.1	22.6	19.2	77	16.9	6.4	SW	6.44	16.1	SW	21.1	21.8	21.7	756.7	0.0	0.0	297	25.55	403	0.00	1.2
25/09/03	9:00	24.2	26.2	22.6	66	17.5	3.2	S	3.22	9.7	SW	24.2	24.8	24.8	756.5	0.0	0.0	405	34.83	542	0.00	2.5
25/09/03	10:00	26.8	27.8	26.0	57	17.5	8.0	E	8.05	16.1	E	26.8	27.5	27.2	756.3	0.0	0.0	563	48.42	718	0.00	4.0
25/09/03	11:00	27.6	28.3	27.2	58	18.6	4.8	E	4.83	12.9	E	27.6	28.6	28.6	756.8	0.0	0.0	297	25.55	642	0.00	2.8
25/09/03	12:00	28.1	29.2	25.1	67	21.4	14.5	S	14.48	38.6	SSW	28.1	30.6	29.5	756.6	0.0	0.0	278	23.91	755	0.00	3.3
25/09/03	13:00	22.5	25.1	21.3	86	20.0	20.9	SW	20.92	40.2	SW	22.5	23.5	20.7	756.5	0.0	0.0	94	8.09	153	0.00	0.9
25/09/03	14:00	21.8	22.5	21.3	79	18.0	14.5	SSW	14.48	27.4	SSW	21.8	22.7	20.6	755.4	0.0	0.0	110	9.46	164	0.00	1.0
25/09/03	15:00	22.9	23.2	22.5	77	18.7	12.9	SSW	12.87	22.5	SSW	22.9	23.9	22.3	754.9	0.0	0.0	104	8.95	171	0.00	0.9
25/09/03	16:00	23.0	23.1	22.9	78	19.0	6.4	S	6.44	16.1	SSW	23.0	24.0	24.0	755.1	0.0	0.0	47	4.04	58	0.00	0.4
25/09/03	17:00	23.1	23.2	22.9	77	18.8	8.0	SSW	8.05	16.1	SSW	23.1	24.0	23.5	755.1	0.0	0.0	44	3.78	65	0.00	0.1
25/09/03	18:00	22.0	22.9	21.0	87	19.7	1.6	SW	1.61	11.3	SSW	22.0	23.0	23.0	756.3	0.0	0.0	8	0.69	40	0.00	0.0
25/09/03	19:00	20.6	21.0	20.2	88	18.5	3.2	SW	3.22	8.0	SW	20.6	21.6	21.6	756.4	0.0	0.0	0	0.00	0	0.00	0.0
25/09/03	20:00	20.5	20.6	20.3	90	18.8	1.6	WSW	1.61	12.9	NE	20.5	21.5	21.5	756.9	0.0	0.0	0	0.00	0	0.00	0.0
25/09/03	21:00	20.4	21.3	19.4	96	19.8	1.6	NE	1.61	9.7	ENE	20.4	21.7	21.7	756.2	0.0	0.0	0	0.00	0	0.00	0.0
25/09/03	22:00	19.1	19.7	18.6	96	18.4	6.4	WSW	6.44	16.1	WSW	19.1	19.7	19.5	756.2	0.0	0.0	0	0.00	0	0.00	0.0
25/09/03	23:00	19.6	19.7	19.3	95	18.7	6.4	SSW	6.44	17.7	SW	19.6	20.3	20.2	756.5	0.0	0.0	0	0.00	0	0.00	0.0
26/09/03	00:00	19.6	19.9	19.2	99	19.4	6.4	N	6.44	19.3	NE	19.6	20.4	20.2	756.3	0.2	0.0	0	0.00	0	0.00	0.0

## Ivinhema 26/09/03

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
26/09/03	1:00	19.6	19.9	19.1	97	19.1	11.3	SW	11.27	29.0	SW	19.6	20.4	18.8	756.2	0.2	0.0	0	0.00	0	0.0
26/09/03	2:00	20.2	20.8	19.7	94	19.2	17.7	SSW	17.70	29.0	SSW	19.9	21.2	18.4	756.5	0.0	0.0	0	0.00	0	0.0
26/09/03	3:00	20.4	20.7	20.3	93	19.3	11.3	SSE	11.27	25.7	SSW	20.4	21.6	20.1	756.1	0.0	0.0	0	0.00	0	0.0
26/09/03	4:00	20.3	20.4	20.2	94	19.3	9.7	SSE	9.66	22.5	SSE	20.3	21.4	20.3	756.0	0.0	0.0	0	0.00	0	0.0
26/09/03	5:00	20.3	20.6	20.2	89	18.5	9.7	E	9.66	22.5	E	20.3	21.3	20.2	756.3	0.0	0.0	0	0.00	0	0.0
26/09/03	6:00	20.1	20.6	19.6	93	18.9	12.9	E	12.87	25.7	ENE	20.1	21.2	19.3	756.8	0.6	4.8	2	0.17	5	0.0
26/09/03	7:00	19.6	19.7	19.4	92	18.2	11.3	E	11.27	29.0	E	19.6	20.4	18.9	756.4	0.2	0.0	12	1.03	30	0.0
26/09/03	8:00	20.0	20.5	19.7	88	18.0	12.9	ENE	12.87	27.4	ENE	19.9	21.0	19.1	756.4	0.0	0.0	91	7.83	172	0.7
26/09/03	9:00	21.8	22.5	20.6	80	18.2	12.9	ENE	12.87	25.7	NE	21.8	22.8	21.1	757.3	0.0	0.0	291	25.03	600	2.1
26/09/03	10:00	22.8	23.3	22.4	76	18.4	9.7	E	9.66	24.1	E	22.8	23.8	22.8	756.9	0.0	0.0	275	23.65	345	2.2
26/09/03	11:00	22.9	23.6	21.3	89	21.0	9.7	ENE	9.66	20.9	NE	22.9	24.1	23.1	758.3	0.2	0.0	105	9.03	264	0.9
26/09/03	12:00	20.5	21.3	20.2	96	19.8	8.0	WSW	8.05	30.6	W	20.5	21.8	21.1	758.6	6.0	45.8	42	3.61	97	0.4
26/09/03	13:00	20.3	20.5	20.1	98	20.0	3.2	ESE	3.22	19.3	ESE	20.3	21.5	21.5	756.8	5.6	29.6	32	2.75	77	0.4
26/09/03	14:00	20.6	21.0	20.1	92	19.3	11.3	SSE	11.27	27.4	SE	20.6	21.7	20.3	756.6	0.0	0.0	131	11.27	297	1.3
26/09/03	15:00	20.3	20.6	19.9	95	19.5	9.7	SSE	9.66	19.3	SSW	20.3	21.4	20.3	756.4	2.0	7.0	15	1.29	26	0.0
26/09/03	16:00	19.8	19.9	19.7	98	19.5	11.3	S	11.27	22.5	SSW	19.8	20.8	19.2	756.7	2.4	6.0	21	1.81	37	0.1
26/09/03	17:00	19.1	19.7	18.8	95	18.2	16.1	SSW	16.09	32.2	SSW	18.6	19.7	17.1	757.5	2.2	11.0	11	0.95	21	0.0
26/09/03	18:00	18.8	18.9	18.8	96	18.2	4.8	SSE	4.83	19.3	SSE	18.8	19.4	19.4	758.3	1.4	2.6	2	0.17	9	0.0
26/09/03	19:00	18.8	18.9	18.7	97	18.3	1.6	E	1.61	9.7	E	18.8	19.5	19.5	758.8	1.6	2.8	0	0.00	0	0.0
26/09/03	20:00	18.4	18.7	18.2	96	17.8	8.0	E	8.05	19.3	ENE	18.4	19.0	18.1	758.1	0.8	1.6	0	0.00	0	0.0
26/09/03	21:00	18.3	18.6	18.1	91	16.8	20.9	ENE	20.92	40.2	NE	17.3	18.9	15.5	755.5	0.4	0.0	0	0.00	0	0.0
26/09/03	22:00	18.5	18.8	18.3	86	16.1	25.7	NE	25.75	45.1	ENE	17.3	19.2	15.3	755.3	0.0	0.0	0	0.00	0	0.0
26/09/03	23:00	18.5	18.7	18.1	90	16.8	6.4	ENE	6.44	24.1	ENE	18.5	19.2	18.9	756.7	0.0	0.0	0	0.00	0	0.0
27/09/03	00:00	18.1	18.6	17.6	95	17.2	6.4	SSW	6.44	19.3	SSW	18.1	18.5	18.1	757.3	0.0	0.0	0	0.00	0	0.0

## Ivinhema 27/09/03

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
27/09/03	1:00	17.5	17.9	16.9	97	17.0	6.4	SW	6.44	17.7	SW	17.5	17.9	17.5	757.0	0.0	0.0	0	0.00	0	0.0
27/09/03	2:00	16.8	16.9	16.6	98	16.5	0.0	WNW	0.00	1.6	WNW	16.8	17.1	17.1	756.5	0.0	0.0	0	0.00	0	0.0
27/09/03	3:00	16.7	16.9	16.2	97	16.2	1.6	SSW	1.61	8.0	SSW	16.7	17.0	17.0	756.4	0.0	0.0	0	0.00	0	0.0
27/09/03	4:00	15.7	16.2	15.0	98	15.4	1.6	SSW	1.61	9.7	SSW	15.7	15.9	15.9	756.4	0.0	0.0	0	0.00	0	0.0
27/09/03	5:00	15.1	15.4	15.0	99	15.0	0.0	W	0.00	3.2	W	15.1	15.3	15.3	756.8	0.0	0.0	0	0.00	0	0.0
27/09/03	6:00	15.6	16.1	15.2	100	15.6	0.0	W	0.00	1.6	W	15.6	15.9	15.9	757.3	0.0	0.0	6	0.52	18	0.0
27/09/03	7:00	17.0	17.9	16.1	100	17.0	0.0	W	0.00	3.2	W	17.0	17.4	17.4	757.8	0.0	0.0	52	4.47	76	0.3
27/09/03	8:00	19.0	20.4	17.9	83	16.0	3.2	SSE	3.22	12.9	S	19.0	19.8	19.8	757.8	0.0	0.0	173	14.88	405	1.3
27/09/03	9:00	21.2	22.6	20.2	76	16.8	8.0	SSE	8.05	14.5	SSE	21.2	21.8	21.2	757.6	0.0	0.0	404	34.75	704	3.6
27/09/03	10:00	22.8	23.6	22.1	74	17.9	6.4	SSE	6.44	19.3	S	22.8	23.7	23.7	757.4	0.0	0.0	368	31.65	760	4.9
27/09/03	11:00	23.6	24.1	22.9	65	16.6	4.8	SE	4.83	16.1	S	23.6	24.1	24.1	757.0	0.0	0.0	339	29.16	530	4.6
27/09/03	12:00	24.2	24.8	23.8	67	17.7	4.8	E	4.83	12.9	ENE	24.2	24.9	24.9	756.4	0.0	0.0	350	30.10	528	4.9
27/09/03	13:00	24.9	25.4	24.6	64	17.7	6.4	ENE	6.44	12.9	ENE	24.9	25.3	25.3	755.5	0.0	0.0	356	30.62	598	5.9
27/09/03	14:00	25.2	25.7	24.8	64	17.9	4.8	E	4.83	16.1	ENE	25.2	25.7	25.7	755.0	0.0	0.0	367	31.57	945	4.4
27/09/03	15:00	25.6	26.0	25.0	65	18.5	4.8	E	4.83	12.9	ENE	25.6	26.3	26.3	754.8	0.0	0.0	285	24.51	734	3.2
27/09/03	16:00	25.9	26.6	24.8	57	16.8	3.2	E	3.22	8.0	ENE	25.9	26.6	26.6	754.8	0.0	0.0	297	25.55	473	1.7
27/09/03	17:00	26.3	26.6	26.0	58	17.4	1.6	SSW	1.61	8.0	SSW	26.3	27.1	27.1	754.7	0.0	0.0	144	12.39	250	0.6
27/09/03	18:00	25.1	26.1	23.2	80	21.4	0.0	SE	0.00	3.2	SE	25.1	27.1	27.1	754.6	0.0	0.0	16	1.38	60	0.0
27/09/03	19:00	22.2	23.1	20.4	86	19.7	0.0	SE	0.00	3.2	SE	22.2	23.2	23.2	755.1	0.0	0.0	0	0.00	0	0.0
27/09/03	20:00	19.5	20.4	18.7	95	18.7	0.0	---	0.00	0.0	---	19.5	20.3	20.3	755.4	0.0	0.0	0	0.00	0	0.0
27/09/03	21:00	17.5	18.8	17.0	97	17.0	1.6	SW	1.61	4.8	SSE	17.5	17.9	17.9	755.9	0.0	0.0	0	0.00	0	0.0
27/09/03	22:00	17.1	17.3	16.7	98	16.8	0.0	SW	0.00	3.2	SW	17.1	17.5	17.5	755.9	0.0	0.0	0	0.00	0	0.0
27/09/03	23:00	16.3	17.1	15.8	99	16.2	0.0	SW	0.00	4.8	SW	16.3	16.7	16.7	756.0	0.0	0.0	0	0.00	0	0.0
28/09/03	00:00	15.8	16.3	15.6	99	15.7	0.0	NW	0.00	3.2	WSW	15.8	16.1	16.1	756.1	0.0	0.0	0	0.00	0	0.0

## Ivinhema 28/09/03

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
28/09/03	1:00	15.6	15.8	15.4	99	15.4	0.0	NW	0.00	3.2	NW	15.6	15.8	15.8	755.9	0.0	0.0	0	0.00	0	0.0
28/09/03	2:00	15.0	15.5	14.7	99	14.8	0.0	NW	0.00	3.2	NW	15.0	15.2	15.2	755.4	0.0	0.0	0	0.00	0	0.0
28/09/03	3:00	15.4	15.7	14.6	99	15.3	0.0	NW	0.00	4.8	NW	15.4	15.7	15.7	755.2	0.0	0.0	0	0.00	0	0.0
28/09/03	4:00	13.9	14.6	13.3	100	13.9	0.0	N	0.00	4.8	NNW	13.9	14.1	14.1	755.3	0.0	0.0	0	0.00	0	0.0
28/09/03	5:00	13.6	14.2	13.1	99	13.5	0.0	N	0.00	3.2	N	13.6	13.8	13.8	756.1	0.0	0.0	0	0.00	0	0.0
28/09/03	6:00	13.9	14.6	13.0	99	13.7	0.0	N	0.00	3.2	N	13.9	14.1	14.1	756.9	0.0	0.0	25	2.15	88	0.0
28/09/03	7:00	16.5	17.9	14.6	100	16.5	0.0	NE	0.00	3.2	N	16.5	16.9	16.9	757.4	0.0	0.0	147	12.64	234	0.6
28/09/03	8:00	19.3	20.8	17.9	94	18.3	1.6	ESE	1.61	8.0	E	19.3	20.0	20.0	758.0	0.0	0.0	241	20.73	326	1.5
28/09/03	9:00	23.4	25.0	20.8	75	18.8	3.2	E	3.22	11.3	E	23.4	24.4	24.4	757.5	0.0	0.0	536	46.10	604	4.1
28/09/03	10:00	26.1	27.3	24.9	69	20.0	6.4	E	6.44	12.9	ENE	26.1	27.2	27.2	757.1	0.0	0.0	645	55.48	693	6.4
28/09/03	11:00	28.4	29.5	27.2	53	17.9	6.4	E	6.44	20.9	NNE	28.4	29.6	29.6	756.6	0.0	0.0	676	58.14	751	7.7
28/09/03	12:00	30.1	30.7	29.4	52	19.1	6.4	NW	6.44	25.7	NNW	30.1	31.5	31.5	756.1	0.0	0.0	639	54.96	707	7.4
28/09/03	13:00	30.9	31.7	29.9	42	16.5	14.5	WNW	14.48	30.6	WNW	30.9	31.4	30.7	755.4	0.0	0.0	559	48.08	700	6.2
28/09/03	14:00	30.2	31.4	28.9	49	18.3	12.9	WSW	12.87	22.5	WSW	30.2	31.3	30.7	755.2	0.0	0.0	239	20.56	517	2.7
28/09/03	15:00	27.5	28.9	26.1	58	18.5	8.0	WSW	8.05	16.1	WSW	27.5	28.4	28.1	756.0	0.0	0.0	52	4.47	107	0.6
28/09/03	16:00	25.4	26.2	24.5	69	19.3	6.4	WSW	6.44	19.3	W	25.4	26.4	26.4	756.9	0.0	0.0	24	2.06	28	0.2
28/09/03	17:00	24.4	24.9	24.1	70	18.6	3.2	WNW	3.22	11.3	WSW	24.4	25.4	25.4	756.7	0.0	0.0	18	1.55	21	0.0
28/09/03	18:00	22.8	24.1	21.6	81	19.3	11.3	WSW	11.27	22.5	W	22.8	23.8	22.5	756.5	0.0	0.0	4	0.34	14	0.0
28/09/03	19:00	21.7	21.9	21.3	81	18.3	12.9	WSW	12.87	22.5	WSW	21.7	22.7	20.9	756.9	0.0	0.0	0	0.00	0	0.0
28/09/03	20:00	21.3	21.8	20.7	89	19.4	4.8	WNW	4.83	11.3	WNW	21.3	22.3	22.3	757.9	0.0	0.0	0	0.00	0	0.0
28/09/03	21:00	20.4	20.7	20.2	92	19.0	4.8	WNW	4.83	11.3	WNW	20.4	21.4	21.4	758.2	0.0	0.0	0	0.00	0	0.0
28/09/03	22:00	20.0	20.3	19.7	90	18.3	4.8	W	4.83	9.7	WSW	20.0	21.0	21.0	758.1	0.0	0.0	0	0.00	0	0.0
28/09/03	23:00	19.4	19.8	18.7	92	18.1	1.6	W	1.61	8.0	W	19.4	20.2	20.2	757.8	0.0	0.0	0	0.00	0	0.0
29/09/03	00:00	18.8	19.1	18.6	91	17.3	4.8	WSW	4.83	16.1	WSW	18.8	19.6	19.6	757.8	0.0	0.0	0	0.00	0	0.0

## Ivinhema 29/09/03

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 Rad.	UV
29/09/03	1:00	19.1	19.2	18.9	94	18.1	12.9	SW	12.87	25.7	WSW	18.8	19.7	17.7	757.7	0.0	0.0	0	0.00	0	0.0	0.0
29/09/03	2:00	18.5	18.9	18.1	93	17.3	19.3	SW	19.31	30.6	SW	17.6	19.1	15.9	758.0	0.0	0.0	0	0.00	0	0.0	0.0
29/09/03	3:00	17.9	18.1	17.7	92	16.6	16.1	SW	16.09	27.4	WSW	17.1	18.4	15.7	758.2	0.0	0.0	0	0.00	0	0.0	0.0
29/09/03	4:00	17.3	17.7	16.8	93	16.2	9.7	WSW	9.66	22.5	WSW	16.9	17.7	16.3	758.7	0.0	0.0	0	0.00	0	0.0	0.0
29/09/03	5:00	16.3	16.9	15.9	96	15.6	4.8	W	4.83	9.7	WSW	16.3	16.5	16.2	759.1	0.0	0.0	0	0.00	0	0.0	0.0
29/09/03	6:00	16.7	17.2	15.9	94	15.8	9.7	WSW	9.66	19.3	WSW	16.2	17.0	15.6	759.6	0.0	0.0	16	1.38	49	0.0	0.0
29/09/03	7:00	17.8	18.6	17.2	90	16.1	9.7	WSW	9.66	20.9	WSW	17.5	18.3	17.0	760.1	0.0	0.0	122	10.49	213	0.6	0.6
29/09/03	8:00	19.1	20.3	18.4	79	15.3	11.3	WSW	11.27	20.9	W	18.9	19.8	18.2	760.5	0.0	0.0	183	15.74	392	1.5	1.5
29/09/03	9:00	21.4	22.8	20.2	71	16.0	11.3	WSW	11.27	29.0	W	21.4	21.6	20.2	760.3	0.0	0.0	413	35.52	653	3.6	3.6
29/09/03	10:00	23.7	24.5	22.5	61	15.7	11.3	WSW	11.27	38.6	SW	23.7	23.8	22.6	760.3	0.0	0.0	656	56.42	723	6.5	6.5
29/09/03	11:00	25.3	26.0	24.3	57	16.1	11.3	W	11.27	27.4	W	25.3	25.5	24.5	759.8	0.0	0.0	680	58.49	765	7.9	7.9
29/09/03	12:00	26.2	27.3	25.6	54	16.2	12.9	WSW	12.87	29.0	W	26.2	26.6	25.5	759.1	0.0	0.0	708	60.90	808	8.4	8.4
29/09/03	13:00	27.2	27.9	26.4	51	16.2	12.9	W	12.87	27.4	SW	27.2	27.4	26.5	758.6	0.0	0.0	759	65.28	811	8.3	8.3
29/09/03	14:00	27.7	28.2	26.9	49	16.0	12.9	W	12.87	29.0	SW	27.7	28.3	27.4	758.0	0.0	0.0	664	57.11	750	6.3	6.3
29/09/03	15:00	27.6	28.7	26.6	49	15.9	11.3	SW	11.27	27.4	WSW	27.6	28.2	27.4	757.9	0.0	0.0	438	37.67	725	3.3	3.3
29/09/03	16:00	27.2	27.8	26.7	49	15.5	12.9	WSW	12.87	27.4	W	27.2	27.3	26.4	758.3	0.0	0.0	329	28.30	436	1.7	1.7
29/09/03	17:00	24.8	26.8	23.3	66	18.0	12.9	SSW	12.87	27.4	S	24.8	25.4	24.1	758.9	0.0	0.0	117	10.06	225	0.5	0.5
29/09/03	18:00	22.1	23.3	20.6	76	17.6	8.0	SSW	8.05	17.7	SSW	22.1	22.7	22.2	759.3	0.0	0.0	13	1.12	35	0.0	0.0
29/09/03	19:00	19.7	20.6	19.1	82	16.5	1.6	SW	1.61	8.0	SW	19.7	20.7	20.7	759.6	0.0	0.0	0	0.00	0	0.0	0.0
29/09/03	20:00	18.3	19.1	17.5	86	15.9	3.2	WSW	3.22	8.0	WSW	18.3	19.1	19.0	759.7	0.0	0.0	0	0.00	0	0.0	0.0
29/09/03	21:00	17.0	17.5	16.6	92	15.7	1.6	WSW	1.61	4.8	WSW	17.0	17.4	17.4	760.0	0.0	0.0	0	0.00	0	0.0	0.0
29/09/03	22:00	16.7	16.9	16.4	90	15.0	1.6	WSW	1.61	4.8	WSW	16.7	17.1	17.1	759.9	0.0	0.0	0	0.00	0	0.0	0.0
29/09/03	23:00	15.9	16.6	15.7	91	14.5	1.6	WSW	1.61	4.8	WSW	15.9	16.2	16.2	759.8	0.0	0.0	0	0.00	0	0.0	0.0
30/09/03	00:00	15.4	15.8	15.3	96	14.8	0.0	WSW	0.00	3.2	WSW	15.4	15.6	15.6	759.4	0.0	0.0	0	0.00	0	0.0	0.0

## Ivinhema 30/09/03

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
30/09/03	1:00	15.1	15.3	14.7	99	15.0	0.0	WSW	0.00	4.8	WSW	15.1	15.3	15.3	759.0	0.0	0.0	0	0.00	0	0.0
30/09/03	2:00	14.4	14.7	13.5	98	14.1	1.6	WSW	1.61	3.2	WSW	14.4	14.6	14.6	759.0	0.0	0.0	0	0.00	0	0.0
30/09/03	3:00	13.3	13.6	13.1	98	13.0	1.6	WSW	1.61	3.2	WSW	13.3	13.4	13.4	759.2	0.0	0.0	0	0.00	0	0.0
30/09/03	4:00	13.3	13.6	13.1	99	13.2	1.6	WSW	1.61	4.8	WSW	13.3	13.5	13.5	759.5	0.0	0.0	0	0.00	0	0.0
30/09/03	5:00	13.1	13.7	12.8	99	13.0	0.0	WSW	0.00	3.2	WSW	13.1	13.3	13.3	760.6	0.0	0.0	0	0.00	0	0.0
30/09/03	6:00	14.2	14.8	13.7	98	13.9	1.6	SSW	1.61	8.0	SSE	14.2	14.4	14.4	761.3	0.0	0.0	31	2.67	102	0.1
30/09/03	7:00	16.1	18.3	14.1	88	14.1	1.6	W	1.61	8.0	WNW	16.1	16.3	16.3	761.7	0.0	0.0	187	16.08	273	0.7
30/09/03	8:00	20.2	21.4	18.4	75	15.6	3.2	E	3.22	22.5	NE	20.2	20.7	20.7	761.9	0.0	0.0	364	31.31	450	2.0
30/09/03	9:00	22.2	23.2	21.3	73	17.1	14.5	E	14.48	27.4	E	22.2	22.6	20.6	761.8	0.0	0.0	527	45.33	596	4.2
30/09/03	10:00	24.2	25.2	23.1	68	17.9	11.3	E	11.27	22.5	NE	24.2	24.9	23.9	761.6	0.0	0.0	654	56.25	704	6.7
30/09/03	11:00	25.9	26.6	25.2	59	17.3	9.7	E	9.66	22.5	E	25.9	26.6	25.9	761.1	0.0	0.0	734	63.13	755	8.6
30/09/03	12:00	27.2	28.1	26.4	55	17.3	8.0	E	8.05	19.3	ENE	27.2	27.8	27.5	760.4	0.0	0.0	760	65.37	769	9.2
30/09/03	13:00	28.3	28.7	27.9	48	16.3	6.4	E	6.44	17.7	SSE	28.3	29.1	29.1	759.7	0.0	0.0	732	62.96	757	8.3
30/09/03	14:00	28.9	29.4	28.4	48	16.8	6.4	ENE	6.44	16.1	NE	28.9	29.7	29.7	759.1	0.0	0.0	613	52.72	684	5.8
30/09/03	15:00	29.1	29.5	28.9	48	17.0	8.0	E	8.05	17.7	ENE	29.1	29.9	29.7	758.7	0.0	0.0	491	42.23	572	3.6
30/09/03	16:00	29.1	29.4	28.8	49	17.3	6.4	E	6.44	16.1	ESE	29.1	30.0	30.0	758.3	0.0	0.0	317	27.27	405	1.6
30/09/03	17:00	28.6	29.1	27.9	54	18.4	4.8	E	4.83	11.3	E	28.6	29.8	29.8	758.3	0.0	0.0	145	12.47	227	0.5
30/09/03	18:00	26.7	27.9	25.2	66	19.8	1.6	ENE	1.61	4.8	ENE	26.7	28.1	28.1	758.4	0.0	0.0	16	1.38	58	0.0
30/09/03	19:00	24.4	25.2	23.7	73	19.3	0.0	ENE	0.00	3.2	ENE	24.4	25.6	25.6	758.5	0.0	0.0	0	0.00	0	0.0
30/09/03	20:00	23.2	23.7	22.8	77	18.9	0.0	ENE	0.00	3.2	ENE	23.2	24.2	24.2	758.7	0.0	0.0	0	0.00	0	0.0
30/09/03	21:00	21.8	22.9	20.4	91	20.2	0.0	---	0.00	0.0	---	21.8	22.9	22.9	758.7	0.0	0.0	0	0.00	0	0.0
30/09/03	22:00	18.9	20.4	18.4	93	17.8	1.6	NE	1.61	4.8	ENE	18.9	19.7	19.7	758.8	0.0	0.0	0	0.00	0	0.0
30/09/03	23:00	18.3	18.5	18.1	96	17.7	0.0	---	0.00	0.0	---	18.3	18.8	18.8	758.6	0.0	0.0	0	0.00	0	0.0
1/10/03	00:00	17.8	18.1	17.6	98	17.5	0.0	---	0.00	0.0	---	17.8	18.2	18.2	758.3	0.0	0.0	0	0.00	0	0.0

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.
1/09/03	1:00	0.00	0.0	0.331	0.000	12.4	35	0.00	1369	1	100.0	60
1/09/03	2:00	0.00	0.0	0.345	0.000	12.2	35	0.00	1368	1	100.0	60
1/09/03	3:00	0.00	0.0	0.396	0.000	11.5	36	0.00	1368	1	100.0	60
1/09/03	4:00	0.00	0.0	0.398	0.000	11.2	36	0.00	1368	1	100.0	60
1/09/03	5:00	0.00	0.0	0.405	0.000	10.9	36	0.00	1368	1	100.0	60
1/09/03	6:00	0.00	0.0	0.417	0.000	10.7	36	0.00	1368	1	100.0	60
1/09/03	7:00	0.13	0.5	0.380	0.000	11.6	36	0.03	1368	1	100.0	60
1/09/03	8:00	0.34	1.4	0.194	0.000	16.4	32	0.10	1368	1	100.0	60
1/09/03	9:00	0.86	2.8	0.012	0.000	23.1	28	0.23	1368	1	100.0	60
1/09/03	10:00	1.59	4.4	0.000	0.146	29.4	26	0.33	1368	1	100.0	60
1/09/03	11:00	2.19	5.6	0.000	0.234	33.1	25	0.43	1368	1	100.0	60
1/09/03	12:00	2.49	5.9	0.000	0.303	34.9	25	0.48	1368	1	100.0	60
1/09/03	13:00	2.31	5.7	0.000	0.370	36.2	26	0.46	1368	1	100.0	60
1/09/03	14:00	1.76	4.9	0.000	0.435	37.1	27	0.41	1368	1	100.0	60
1/09/03	15:00	1.07	3.3	0.000	0.442	37.3	28	0.30	1368	1	100.0	60
1/09/03	16:00	0.47	1.7	0.000	0.442	36.4	29	0.20	1368	1	100.0	60
1/09/03	17:00	0.13	0.6	0.000	0.387	33.4	32	0.08	1368	1	100.0	60
1/09/03	18:00	0.00	0.0	0.000	0.273	28.7	34	0.03	1368	1	100.0	60
1/09/03	19:00	0.00	0.0	0.000	0.146	24.6	35	0.03	1368	1	100.0	60
1/09/03	20:00	0.00	0.0	0.000	0.009	21.9	35	0.00	1368	1	100.0	60
1/09/03	21:00	0.00	0.0	0.093	0.000	19.6	36	0.00	1368	1	100.0	60
1/09/03	22:00	0.00	0.0	0.139	0.000	18.1	36	0.00	1368	1	100.0	60
1/09/03	23:00	0.00	0.0	0.192	0.000	16.9	36	0.00	1368	1	100.0	60
2/09/03	00:00	0.00	0.0	0.206	0.000	15.9	37	0.00	1368	1	100.0	60

## Ivinhema 2/09/03

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.
2/09/03	1:00	0.00	0.0	0.194	0.000	15.7	37	0.00	1368	1	100.0	60
2/09/03	2:00	0.00	0.0	0.220	0.000	15.1	37	0.00	1368	1	100.0	60
2/09/03	3:00	0.00	0.0	0.275	0.000	14.2	37	0.00	1368	1	100.0	60
2/09/03	4:00	0.00	0.0	0.285	0.000	13.7	38	0.00	1368	1	100.0	60
2/09/03	5:00	0.00	0.0	0.301	0.000	13.3	38	0.00	1368	1	100.0	60
2/09/03	6:00	0.00	0.0	0.303	0.000	13.1	38	0.00	1368	1	100.0	60
2/09/03	7:00	0.09	0.4	0.259	0.000	14.1	38	0.03	1368	1	100.0	60
2/09/03	8:00	0.34	1.2	0.113	0.000	17.8	34	0.10	1368	1	100.0	60
2/09/03	9:00	0.90	2.9	0.000	0.053	24.4	29	0.23	1368	1	100.0	60
2/09/03	10:00	1.59	4.5	0.000	0.220	30.8	26	0.36	1368	1	100.0	60
2/09/03	11:00	2.14	5.5	0.000	0.315	34.6	26	0.43	1368	1	100.0	60
2/09/03	12:00	2.40	5.7	0.000	0.389	36.7	26	0.48	1368	1	100.0	60
2/09/03	13:00	2.23	5.6	0.000	0.433	37.4	21	0.46	1368	1	100.0	60
2/09/03	14:00	1.67	4.6	0.000	0.479	38.2	22	0.43	1350	1	98.7	60
2/09/03	15:00	0.99	3.1	0.000	0.488	37.8	23	0.36	1368	1	100.0	60
2/09/03	16:00	0.47	1.6	0.000	0.498	37.4	25	0.23	1368	1	100.0	60
2/09/03	17:00	0.13	0.6	0.000	0.440	34.9	28	0.08	1368	1	100.0	60
2/09/03	18:00	0.00	0.0	0.000	0.306	30.1	30	0.03	1368	1	100.0	60
2/09/03	19:00	0.00	0.0	0.000	0.229	26.4	31	0.03	1368	1	100.0	60
2/09/03	20:00	0.00	0.0	0.000	0.116	24.1	31	0.00	1368	1	100.0	60
2/09/03	21:00	0.00	0.0	0.000	0.012	21.9	32	0.00	1368	1	100.0	60
2/09/03	22:00	0.00	0.0	0.042	0.000	20.3	32	0.00	1368	1	100.0	60
2/09/03	23:00	0.00	0.0	0.060	0.000	19.2	33	0.00	1368	1	100.0	60
3/09/03	00:00	0.00	0.0	0.127	0.000	18.1	33	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.
3/09/03	1:00	0.00	0.0	0.160	0.000	16.9	34	0.00	1368	1	100.0	60
3/09/03	2:00	0.00	0.0	0.130	0.000	16.7	34	0.00	1368	1	100.0	60
3/09/03	3:00	0.00	0.0	0.116	0.000	17.1	34	0.00	1368	1	100.0	60
3/09/03	4:00	0.00	0.0	0.213	0.000	15.8	34	0.00	1368	1	100.0	60
3/09/03	5:00	0.00	0.0	0.257	0.000	14.6	35	0.00	1368	1	100.0	60
3/09/03	6:00	0.00	0.0	0.252	0.000	13.8	35	0.00	1368	1	100.0	60
3/09/03	7:00	0.13	0.5	0.197	0.000	15.0	34	0.05	1368	1	100.0	60
3/09/03	8:00	0.43	1.6	0.035	0.000	19.8	30	0.15	1368	1	100.0	60
3/09/03	9:00	1.03	3.3	0.000	0.076	26.1	26	0.30	1368	1	100.0	60
3/09/03	10:00	1.84	5.2	0.000	0.146	29.9	24	0.41	1368	1	100.0	60
3/09/03	11:00	2.53	6.5	0.000	0.222	32.7	23	0.48	1368	1	100.0	60
3/09/03	12:00	2.83	6.7	0.000	0.275	34.3	23	0.53	1368	1	100.0	60
3/09/03	13:00	2.61	6.6	0.000	0.336	35.3	23	0.53	1368	1	100.0	60
3/09/03	14:00	1.97	5.5	0.000	0.356	35.6	23	0.48	1368	1	100.0	60
3/09/03	15:00	1.20	3.7	0.000	0.382	35.7	23	0.41	1368	1	100.0	60
3/09/03	16:00	0.56	1.9	0.000	0.407	35.8	24	0.30	1368	1	100.0	60
3/09/03	17:00	0.17	0.7	0.000	0.356	33.8	27	0.15	1368	1	100.0	60
3/09/03	18:00	0.00	0.0	0.000	0.234	28.8	29	0.03	1368	1	100.0	60
3/09/03	19:00	0.00	0.0	0.000	0.109	24.3	30	0.00	1368	1	100.0	60
3/09/03	20:00	0.00	0.0	0.000	0.014	21.0	31	0.00	1368	1	100.0	60
3/09/03	21:00	0.00	0.0	0.000	0.000	19.7	32	0.00	1368	1	100.0	60
3/09/03	22:00	0.00	0.0	0.081	0.000	19.3	31	0.00	1368	1	100.0	60
3/09/03	23:00	0.00	0.0	0.208	0.000	16.2	32	0.00	1368	1	100.0	60
4/09/03	00:00	0.00	0.0	0.278	0.000	14.5	32	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.
4/09/03	1:00	0.00	0.0	0.282	0.000	13.5	33	0.00	1368	1	100.0	60
4/09/03	2:00	0.00	0.0	0.317	0.000	12.8	33	0.00	1368	1	100.0	60
4/09/03	3:00	0.00	0.0	0.375	0.000	11.4	34	0.00	1368	1	100.0	60
4/09/03	4:00	0.00	0.0	0.384	0.000	11.0	34	0.00	1368	1	100.0	60
4/09/03	5:00	0.00	0.0	0.440	0.000	9.9	35	0.00	1368	1	100.0	60
4/09/03	6:00	0.00	0.0	0.449	0.000	9.4	35	0.00	1368	1	100.0	60
4/09/03	7:00	0.13	0.6	0.389	0.000	10.8	35	0.05	1368	1	100.0	60
4/09/03	8:00	0.47	1.8	0.141	0.000	16.8	30	0.15	1368	1	100.0	60
4/09/03	9:00	1.11	3.6	0.000	0.009	24.2	26	0.28	1368	1	100.0	60
4/09/03	10:00	1.97	5.4	0.000	0.144	29.4	24	0.41	1368	1	100.0	60
4/09/03	11:00	2.61	6.7	0.000	0.222	32.7	24	0.48	1368	1	100.0	60
4/09/03	12:00	2.96	6.9	0.000	0.282	34.4	24	0.51	1368	1	100.0	60
4/09/03	13:00	2.74	6.8	0.000	0.340	35.4	25	0.51	1368	1	100.0	60
4/09/03	14:00	2.06	5.7	0.000	0.419	36.4	26	0.46	1368	1	100.0	60
4/09/03	15:00	1.20	3.8	0.000	0.447	37.0	26	0.38	1368	1	100.0	60
4/09/03	16:00	0.51	1.9	0.000	0.444	36.8	26	0.28	1368	1	100.0	60
4/09/03	17:00	0.13	0.7	0.000	0.403	34.8	29	0.13	1368	1	100.0	60
4/09/03	18:00	0.00	0.0	0.000	0.303	30.2	32	0.03	1368	1	100.0	60
4/09/03	19:00	0.00	0.0	0.000	0.211	26.6	33	0.03	1368	1	100.0	60
4/09/03	20:00	0.00	0.0	0.000	0.051	23.4	33	0.00	1368	1	100.0	60
4/09/03	21:00	0.00	0.0	0.042	0.000	20.4	34	0.00	1368	1	100.0	60
4/09/03	22:00	0.00	0.0	0.093	0.000	18.9	34	0.00	1368	1	100.0	60
4/09/03	23:00	0.00	0.0	0.146	0.000	18.1	34	0.00	1368	1	100.0	60
5/09/03	00:00	0.00	0.0	0.167	0.000	17.0	35	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.
5/09/03	1:00	0.00	0.0	0.169	0.000	16.7	35	0.00	1368	1	100.0	60
5/09/03	2:00	0.00	0.0	0.194	0.000	16.1	35	0.00	1368	1	100.0	60
5/09/03	3:00	0.00	0.0	0.199	0.000	15.9	35	0.00	1368	1	100.0	60
5/09/03	4:00	0.00	0.0	0.206	0.000	15.8	36	0.00	1368	1	100.0	60
5/09/03	5:00	0.00	0.0	0.231	0.000	15.2	36	0.00	1368	1	100.0	60
5/09/03	6:00	0.00	0.0	0.241	0.000	14.9	36	0.00	1368	1	100.0	60
5/09/03	7:00	0.13	0.6	0.192	0.000	15.9	36	0.05	1368	1	100.0	60
5/09/03	8:00	0.47	1.8	0.000	0.067	22.0	32	0.15	1368	1	100.0	60
5/09/03	9:00	1.11	3.6	0.000	0.236	29.1	29	0.33	1307	1	95.5	60
5/09/03	10:00	1.97	5.5	0.000	0.336	33.7	27	0.46	1368	1	100.0	60
5/09/03	11:00	2.66	6.7	0.000	0.433	36.6	26	0.56	1368	1	100.0	60
5/09/03	12:00	2.96	7.0	0.000	0.481	38.1	26	0.61	1368	1	100.0	60
5/09/03	13:00	2.74	6.9	0.000	0.539	39.0	26	0.58	1368	1	100.0	60
5/09/03	14:00	2.01	5.7	0.000	0.572	39.4	26	0.53	1368	1	100.0	60
5/09/03	15:00	1.29	3.8	0.000	0.590	39.8	26	0.48	1368	1	100.0	60
5/09/03	16:00	0.56	2.0	0.000	0.574	39.5	25	0.30	1368	1	100.0	60
5/09/03	17:00	0.17	0.7	0.000	0.521	37.6	28	0.18	1369	1	100.0	60
5/09/03	18:00	0.00	0.0	0.000	0.424	33.4	30	0.08	1368	1	100.0	60
5/09/03	19:00	0.00	0.0	0.000	0.294	29.8	32	0.05	1368	1	100.0	60
5/09/03	20:00	0.00	0.0	0.000	0.181	26.4	32	0.03	1368	1	100.0	60
5/09/03	21:00	0.00	0.0	0.000	0.065	23.7	33	0.03	1368	1	100.0	60
5/09/03	22:00	0.00	0.0	0.000	0.037	21.6	33	0.00	1368	1	100.0	60
5/09/03	23:00	0.00	0.0	0.032	0.000	20.3	33	0.00	1368	1	100.0	60
6/09/03	00:00	0.00	0.0	0.007	0.000	20.1	34	0.03	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.
6/09/03	1:00	0.00	0.0	0.032	0.000	19.8	34	0.03	1368	1	100.0	60
6/09/03	2:00	0.00	0.0	0.000	0.021	19.9	34	0.03	1368	1	100.0	60
6/09/03	3:00	0.00	0.0	0.153	0.000	17.9	34	0.00	1368	1	100.0	60
6/09/03	4:00	0.00	0.0	0.185	0.000	16.2	35	0.00	1368	1	100.0	60
6/09/03	5:00	0.00	0.0	0.150	0.000	16.1	36	0.03	1368	1	100.0	60
6/09/03	6:00	0.00	0.0	0.118	0.000	16.6	36	0.03	1331	1	97.3	60
6/09/03	7:00	0.13	0.6	0.090	0.000	18.2	35	0.05	1368	1	100.0	60
6/09/03	8:00	0.51	1.8	0.000	0.074	23.1	31	0.18	1368	1	100.0	60
6/09/03	9:00	1.16	3.7	0.000	0.234	29.2	27	0.36	1368	1	100.0	60
6/09/03	10:00	1.84	5.4	0.000	0.352	33.8	26	0.43	1368	1	100.0	60
6/09/03	11:00	2.06	6.3	0.000	0.419	35.6	26	0.41	1368	1	100.0	60
6/09/03	12:00	2.36	7.9	0.000	0.451	35.8	25	0.46	1368	1	100.0	60
6/09/03	13:00	3.00	7.8	0.000	0.539	38.8	25	0.66	1368	1	100.0	60
6/09/03	14:00	2.23	6.4	0.000	0.581	39.8	24	0.58	1368	1	100.0	60
6/09/03	15:00	1.33	4.0	0.000	0.590	39.7	24	0.48	1368	1	100.0	60
6/09/03	16:00	0.60	2.1	0.000	0.569	39.3	23	0.36	1368	1	100.0	60
6/09/03	17:00	0.17	0.8	0.000	0.502	37.3	26	0.20	1368	1	100.0	60
6/09/03	18:00	0.00	0.0	0.000	0.384	32.5	29	0.05	1368	1	100.0	60
6/09/03	19:00	0.00	0.0	0.000	0.301	29.4	30	0.03	1368	1	100.0	60
6/09/03	20:00	0.00	0.0	0.000	0.255	27.9	30	0.03	1368	1	100.0	60
6/09/03	21:00	0.00	0.0	0.000	0.199	26.6	31	0.05	1368	1	100.0	60
6/09/03	22:00	0.00	0.0	0.000	0.181	25.8	31	0.03	1368	1	100.0	60
6/09/03	23:00	0.00	0.0	0.000	0.206	25.7	33	0.05	1368	1	100.0	60
7/09/03	00:00	0.00	0.0	0.000	0.146	25.2	32	0.03	1368	1	100.0	60

## Ivinhema 7/09/03

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.
7/09/03	1:00	0.00	0.0	0.000	0.069	22.7	33	0.03	1369	1	100.0	60
7/09/03	2:00	0.00	0.0	0.000	0.032	21.3	34	0.03	1368	1	100.0	60
7/09/03	3:00	0.00	0.0	0.000	0.025	21.1	34	0.03	1368	1	100.0	60
7/09/03	4:00	0.00	0.0	0.019	0.000	20.1	34	0.03	1368	1	100.0	60
7/09/03	5:00	0.00	0.0	0.025	0.000	19.7	34	0.00	1368	1	100.0	60
7/09/03	6:00	0.00	0.0	0.023	0.000	19.1	35	0.03	1368	1	100.0	60
7/09/03	7:00	0.13	0.6	0.000	0.005	20.4	34	0.05	1368	1	100.0	60
7/09/03	8:00	0.51	1.8	0.000	0.169	25.4	30	0.18	1368	1	100.0	60
7/09/03	9:00	1.16	3.5	0.000	0.319	31.2	26	0.38	1368	1	100.0	60
7/09/03	10:00	1.50	4.4	0.000	0.405	35.2	27	0.43	1368	1	100.0	60
7/09/03	11:00	2.49	6.5	0.000	0.463	36.2	24	0.56	1368	1	100.0	60
7/09/03	12:00	2.49	6.8	0.000	0.514	38.7	24	0.51	1368	1	100.0	60
7/09/03	13:00	2.44	6.4	0.000	0.553	38.8	24	0.53	1368	1	100.0	60
7/09/03	14:00	1.54	5.4	0.000	0.683	40.6	26	0.53	1368	1	100.0	60
7/09/03	15:00	0.86	2.7	0.000	0.674	40.3	25	0.41	1368	1	100.0	60
7/09/03	16:00	0.39	1.5	0.000	0.611	39.1	28	0.23	1368	1	100.0	60
7/09/03	17:00	0.04	0.4	0.000	0.507	35.4	30	0.10	1368	1	100.0	60
7/09/03	18:00	0.00	0.0	0.000	0.338	31.2	32	0.10	1368	1	100.0	60
7/09/03	19:00	0.00	0.0	0.000	0.259	27.9	33	0.05	1368	1	100.0	60
7/09/03	20:00	0.00	0.0	0.000	0.257	27.7	34	0.05	1368	1	100.0	60
7/09/03	21:00	0.00	0.0	0.000	0.225	26.9	34	0.03	1368	1	100.0	60
7/09/03	22:00	0.00	0.0	0.000	0.241	26.5	36	0.08	1368	1	100.0	60
7/09/03	23:00	0.00	0.0	0.000	0.227	26.6	37	0.08	1368	1	100.0	60
8/09/03	00:00	0.00	0.0	0.000	0.199	25.8	37	0.08	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.
8/09/03	1:00	0.00	0.0	0.000	0.169	25.2	38	0.05	1368	1	100.0	60
8/09/03	2:00	0.00	0.0	0.000	0.146	24.6	38	0.05	1368	1	100.0	60
8/09/03	3:00	0.00	0.0	0.000	0.053	22.8	39	0.03	1368	1	100.0	60
8/09/03	4:00	0.00	0.0	0.000	0.014	21.5	40	0.00	1368	1	100.0	60
8/09/03	5:00	0.00	0.0	0.000	0.005	20.9	40	0.00	1368	1	100.0	60
8/09/03	6:00	0.00	0.0	0.000	0.007	20.8	41	0.00	1368	1	100.0	60
8/09/03	7:00	0.00	0.0	0.000	0.021	20.8	42	0.00	1332	1	97.4	60
8/09/03	8:00	0.13	0.4	0.000	0.035	21.3	42	0.03	1368	1	100.0	60
8/09/03	9:00	0.26	1.0	0.000	0.049	21.7	42	0.03	1368	1	100.0	60
8/09/03	10:00	0.60	1.7	0.000	0.062	22.8	41	0.08	1368	1	100.0	60
8/09/03	11:00	0.60	3.1	0.000	0.067	23.1	42	0.08	1368	1	100.0	60
8/09/03	12:00	0.69	2.3	0.000	0.074	23.6	45	0.08	1368	1	100.0	60
8/09/03	13:00	0.26	1.0	0.000	0.058	22.6	46	0.03	1368	1	100.0	60
8/09/03	14:00	0.47	1.7	0.000	0.069	22.6	44	0.05	1368	1	100.0	60
8/09/03	15:00	0.39	1.3	0.000	0.081	23.2	45	0.05	1368	1	100.0	60
8/09/03	16:00	0.17	0.7	0.000	0.067	22.6	46	0.03	1368	1	100.0	60
8/09/03	17:00	0.00	0.3	0.000	0.053	21.9	47	0.03	1368	1	100.0	60
8/09/03	18:00	0.00	0.0	0.000	0.046	21.5	48	0.00	1368	1	100.0	60
8/09/03	19:00	0.00	0.0	0.000	0.037	21.3	48	0.00	1368	1	100.0	60
8/09/03	20:00	0.00	0.0	0.000	0.035	21.2	48	0.00	1368	1	100.0	60
8/09/03	21:00	0.00	0.0	0.000	0.025	21.1	48	0.00	1331	1	97.3	60
8/09/03	22:00	0.00	0.0	0.000	0.016	20.7	49	0.00	1368	1	100.0	60
8/09/03	23:00	0.00	0.0	0.000	0.019	20.4	49	0.00	1368	1	100.0	60
9/09/03	00:00	0.00	0.0	0.000	0.007	20.2	49	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.
9/09/03	1:00	0.00	0.0	0.002	0.000	20.1	49	0.00	1368	1	100.0	60
9/09/03	2:00	0.00	0.0	0.000	0.000	20.1	50	0.00	1368	1	100.0	60
9/09/03	3:00	0.00	0.0	0.000	0.007	20.3	50	0.00	1368	1	100.0	60
9/09/03	4:00	0.00	0.0	0.056	0.000	19.5	50	0.00	1368	1	100.0	60
9/09/03	5:00	0.00	0.0	0.090	0.000	18.4	50	0.00	1368	1	100.0	60
9/09/03	6:00	0.00	0.0	0.111	0.000	17.7	51	0.00	1368	1	100.0	60
9/09/03	7:00	0.04	0.4	0.118	0.000	17.4	50	0.03	1368	1	100.0	60
9/09/03	8:00	0.26	1.0	0.102	0.000	18.2	48	0.05	1368	1	100.0	60
9/09/03	9:00	0.64	2.3	0.069	0.000	20.1	44	0.08	1368	1	100.0	60
9/09/03	10:00	1.03	3.3	0.030	0.000	22.4	41	0.13	1368	1	100.0	60
9/09/03	11:00	1.24	5.9	0.007	0.000	23.8	41	0.13	1368	1	100.0	60
9/09/03	12:00	1.41	6.5	0.000	0.002	23.8	40	0.15	1368	1	100.0	60
9/09/03	13:00	0.90	3.9	0.009	0.000	23.3	41	0.10	1368	1	100.0	60
9/09/03	14:00	0.43	1.8	0.028	0.000	21.9	45	0.05	1368	1	100.0	60
9/09/03	15:00	0.26	1.1	0.056	0.000	20.2	47	0.03	1331	1	97.3	60
9/09/03	16:00	0.17	0.6	0.076	0.000	19.2	49	0.03	1368	1	100.0	60
9/09/03	17:00	0.04	0.3	0.093	0.000	18.4	50	0.03	1368	1	100.0	60
9/09/03	18:00	0.00	0.0	0.125	0.000	17.4	51	0.00	1368	1	100.0	60
9/09/03	19:00	0.00	0.0	0.150	0.000	16.6	52	0.00	1368	1	100.0	60
9/09/03	20:00	0.00	0.0	0.167	0.000	16.2	52	0.00	1368	1	100.0	60
9/09/03	21:00	0.00	0.0	0.194	0.000	15.5	52	0.00	1368	1	100.0	60
9/09/03	22:00	0.00	0.0	0.213	0.000	14.9	53	0.00	1368	1	100.0	60
9/09/03	23:00	0.00	0.0	0.229	0.000	14.4	53	0.00	1368	1	100.0	60
10/09/03	00:00	0.00	0.0	0.231	0.000	14.2	53	0.00	1368	1	100.0	60

## Ivinhema 10/09/03

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.
10/09/03	1:00	0.00	0.0	0.245	0.000	14.0	53	0.00	1369	1	100.0	60
10/09/03	2:00	0.00	0.0	0.250	0.000	13.7	54	0.03	1368	1	100.0	60
10/09/03	3:00	0.00	0.0	0.266	0.000	13.4	54	0.03	1368	1	100.0	60
10/09/03	4:00	0.00	0.0	0.271	0.000	13.2	54	0.00	1368	1	100.0	60
10/09/03	5:00	0.00	0.0	0.273	0.000	13.2	54	0.00	1368	1	100.0	60
10/09/03	6:00	0.00	0.0	0.280	0.000	12.9	55	0.00	1368	1	100.0	60
10/09/03	7:00	0.04	0.3	0.285	0.000	12.7	54	0.03	1368	1	100.0	60
10/09/03	8:00	0.21	0.6	0.271	0.000	13.2	53	0.03	1368	1	100.0	60
10/09/03	9:00	0.39	1.4	0.271	0.000	13.8	50	0.05	1368	1	100.0	60
10/09/03	10:00	0.77	3.3	0.252	0.000	15.3	46	0.08	1368	1	100.0	60
10/09/03	11:00	1.07	4.2	0.220	0.000	17.2	45	0.13	1368	1	100.0	60
10/09/03	12:00	1.03	4.8	0.218	0.000	17.4	44	0.13	1368	1	100.0	60
10/09/03	13:00	1.46	7.5	0.192	0.000	19.0	40	0.18	1368	1	100.0	60
10/09/03	14:00	0.90	2.9	0.169	0.000	19.6	43	0.15	1368	1	100.0	60
10/09/03	15:00	0.77	2.8	0.153	0.000	19.6	44	0.18	1368	1	100.0	60
10/09/03	16:00	0.47	1.8	0.148	0.000	19.6	40	0.15	1368	1	100.0	60
10/09/03	17:00	0.21	0.8	0.141	0.000	20.9	40	0.15	1368	1	100.0	60
10/09/03	18:00	0.00	0.0	0.229	0.000	17.4	47	0.05	1368	1	100.0	60
10/09/03	19:00	0.00	0.0	0.313	0.000	13.2	50	0.03	1368	1	100.0	60
10/09/03	20:00	0.00	0.0	0.359	0.000	11.0	51	0.00	1368	1	100.0	60
10/09/03	21:00	0.00	0.0	0.403	0.000	9.2	53	0.00	1368	1	100.0	60
10/09/03	22:00	0.00	0.0	0.419	0.000	8.4	53	0.00	1368	1	100.0	60
10/09/03	23:00	0.00	0.0	0.449	0.000	7.4	54	0.00	1368	1	100.0	60
11/09/03	00:00	0.00	0.0	0.498	0.000	6.9	54	0.00	1368	1	100.0	60



## Ivinhema 11/09/03

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.
11/09/03	1:00	0.00	0.0	0.549	0.000	5.7	55	0.00	1368	1	100.0	60
11/09/03	2:00	0.00	0.0	0.576	0.000	4.9	55	0.00	1368	1	100.0	60
11/09/03	3:00	0.00	0.0	0.574	0.000	4.3	55	0.00	1368	1	100.0	60
11/09/03	4:00	0.00	0.0	0.597	0.000	4.0	56	0.00	1368	1	100.0	60
11/09/03	5:00	0.00	0.0	0.595	0.000	4.1	56	0.00	1368	1	100.0	60
11/09/03	6:00	0.00	0.0	0.602	0.000	4.1	56	0.00	1368	1	100.0	60
11/09/03	7:00	0.21	0.7	0.537	0.000	5.9	51	0.05	1368	1	100.0	60
11/09/03	8:00	0.60	2.4	0.394	0.000	10.8	40	0.13	1368	1	100.0	60
11/09/03	9:00	1.46	4.8	0.271	0.000	18.1	33	0.28	1368	1	100.0	60
11/09/03	10:00	2.53	7.0	0.185	0.000	22.6	30	0.38	1368	1	100.0	60
11/09/03	11:00	3.43	8.8	0.109	0.000	25.7	29	0.43	1330	1	97.2	60
11/09/03	12:00	3.73	9.3	0.035	0.000	27.7	29	0.46	1368	1	100.0	60
11/09/03	13:00	3.51	9.0	0.000	0.019	29.0	30	0.46	1368	1	100.0	60
11/09/03	14:00	2.61	7.4	0.000	0.067	29.7	32	0.43	1368	1	100.0	60
11/09/03	15:00	1.37	5.3	0.000	0.076	29.3	33	0.28	1368	1	100.0	60
11/09/03	16:00	0.64	2.2	0.000	0.086	28.2	34	0.25	1331	1	97.3	60
11/09/03	17:00	0.21	0.8	0.000	0.065	26.3	37	0.13	1368	1	100.0	60
11/09/03	18:00	0.00	0.0	0.032	0.000	22.3	41	0.05	1368	1	100.0	60
11/09/03	19:00	0.00	0.0	0.208	0.000	16.4	43	0.00	1368	1	100.0	60
11/09/03	20:00	0.00	0.0	0.257	0.000	13.2	44	0.00	1368	1	100.0	60
11/09/03	21:00	0.00	0.0	0.398	0.000	11.6	43	0.00	1368	1	100.0	60
11/09/03	22:00	0.00	0.0	0.435	0.000	9.8	44	0.00	1368	1	100.0	60
11/09/03	23:00	0.00	0.0	0.456	0.000	9.2	44	0.00	1368	1	100.0	60
12/09/03	00:00	0.00	0.0	0.495	0.000	8.7	45	0.00	1368	1	100.0	60

## Ivinhema 12/09/03

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.
12/09/03	1:00	0.00	0.0	0.516	0.000	8.2	45	0.00	1369	1	100.0	60
12/09/03	2:00	0.00	0.0	0.509	0.000	7.9	45	0.00	1368	1	100.0	60
12/09/03	3:00	0.00	0.0	0.546	0.000	7.6	45	0.00	1368	1	100.0	60
12/09/03	4:00	0.00	0.0	0.537	0.000	7.4	46	0.00	1368	1	100.0	60
12/09/03	5:00	0.00	0.0	0.542	0.000	7.3	46	0.00	1330	1	97.2	60
12/09/03	6:00	0.00	0.0	0.539	0.000	7.2	46	0.00	1368	1	100.0	60
12/09/03	7:00	0.17	0.7	0.479	0.000	8.4	46	0.03	1368	1	100.0	60
12/09/03	8:00	0.56	2.0	0.310	0.000	12.7	40	0.10	1368	1	100.0	60
12/09/03	9:00	0.86	2.7	0.164	0.000	17.9	39	0.13	1368	1	100.0	60
12/09/03	10:00	1.59	4.7	0.076	0.000	21.8	35	0.23	1332	1	97.4	60
12/09/03	11:00	1.93	5.1	0.021	0.000	25.0	35	0.25	1368	1	100.0	60
12/09/03	12:00	2.19	6.6	0.000	0.021	26.2	33	0.28	1368	1	100.0	60
12/09/03	13:00	1.89	5.9	0.000	0.065	27.7	35	0.25	1368	1	100.0	60
12/09/03	14:00	0.94	2.4	0.000	0.072	26.0	38	0.15	1368	1	100.0	60
12/09/03	15:00	0.56	2.1	0.000	0.069	24.9	41	0.10	1368	1	100.0	60
12/09/03	16:00	0.30	1.0	0.000	0.053	23.7	43	0.08	1368	1	100.0	60
12/09/03	17:00	0.00	0.3	0.002	0.000	21.8	44	0.03	1368	1	100.0	60
12/09/03	18:00	0.00	0.0	0.072	0.000	19.9	44	0.03	1368	1	100.0	60
12/09/03	19:00	0.00	0.0	0.148	0.000	17.9	45	0.00	1368	1	100.0	60
12/09/03	20:00	0.00	0.0	0.169	0.000	17.0	46	0.00	1368	1	100.0	60
12/09/03	21:00	0.00	0.0	0.176	0.000	16.5	47	0.00	1368	1	100.0	60
12/09/03	22:00	0.00	0.0	0.183	0.000	16.2	47	0.00	1368	1	100.0	60
12/09/03	23:00	0.00	0.0	0.181	0.000	16.2	47	0.00	1368	1	100.0	60
13/09/03	00:00	0.00	0.0	0.178	0.000	16.1	48	0.00	1368	1	100.0	60

## Ivinhema 13/09/03

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.
13/09/03	1:00	0.00	0.0	0.190	0.000	16.0	48	0.00	1368	1	100.0	60
13/09/03	2:00	0.00	0.0	0.194	0.000	15.8	48	0.00	1368	1	100.0	60
13/09/03	3:00	0.00	0.0	0.192	0.000	15.7	49	0.00	1368	1	100.0	60
13/09/03	4:00	0.00	0.0	0.201	0.000	15.6	49	0.00	1368	1	100.0	60
13/09/03	5:00	0.00	0.0	0.194	0.000	15.4	50	0.00	1368	1	100.0	60
13/09/03	6:00	0.00	0.0	0.185	0.000	15.6	50	0.00	1368	1	100.0	60
13/09/03	7:00	0.00	0.3	0.181	0.000	15.7	50	0.00	1271	1	92.9	60
13/09/03	8:00	0.34	1.5	0.148	0.000	16.7	46	0.05	1368	1	100.0	60
13/09/03	9:00	1.03	4.0	0.056	0.000	21.5	39	0.18	1368	1	100.0	60
13/09/03	10:00	1.33	4.9	0.016	0.000	24.3	40	0.18	1368	1	100.0	60
13/09/03	11:00	1.97	9.0	0.000	0.023	25.2	35	0.23	1368	1	100.0	60
13/09/03	12:00	2.66	8.9	0.000	0.095	29.0	34	0.30	1368	1	100.0	60
13/09/03	13:00	2.40	9.6	0.000	0.127	30.1	36	0.28	1368	1	100.0	60
13/09/03	14:00	2.27	7.9	0.000	0.192	31.2	34	0.38	1368	1	100.0	60
13/09/03	15:00	1.33	4.4	0.000	0.211	31.8	34	0.30	1368	1	100.0	60
13/09/03	16:00	0.69	2.4	0.000	0.243	32.7	35	0.25	1368	1	100.0	60
13/09/03	17:00	0.21	0.9	0.000	0.248	31.4	39	0.10	1331	1	97.3	60
13/09/03	18:00	0.00	0.0	0.000	0.162	27.1	43	0.03	1368	1	100.0	60
13/09/03	19:00	0.00	0.0	0.000	0.005	22.4	44	0.00	1368	1	100.0	60
13/09/03	20:00	0.00	0.0	0.104	0.000	19.3	45	0.00	1368	1	100.0	60
13/09/03	21:00	0.00	0.0	0.137	0.000	17.3	46	0.00	1368	1	100.0	60
13/09/03	22:00	0.00	0.0	0.199	0.000	16.1	46	0.00	1368	1	100.0	60
13/09/03	23:00	0.00	0.0	0.243	0.000	15.0	46	0.00	1368	1	100.0	60
14/09/03	00:00	0.00	0.0	0.252	0.000	14.4	46	0.00	1368	1	100.0	60

## Ivinhema 14/09/03

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.
14/09/03	1:00	0.00	0.0	0.255	0.000	13.9	47	0.00	1369	1	100.0	60
14/09/03	2:00	0.00	0.0	0.301	0.000	13.3	47	0.00	1368	1	100.0	60
14/09/03	3:00	0.00	0.0	0.347	0.000	12.3	47	0.00	1368	1	100.0	60
14/09/03	4:00	0.00	0.0	0.329	0.000	12.1	47	0.00	1368	1	100.0	60
14/09/03	5:00	0.00	0.0	0.356	0.000	11.7	48	0.00	1368	1	100.0	60
14/09/03	6:00	0.00	0.0	0.410	0.000	11.1	48	0.00	1368	1	100.0	60
14/09/03	7:00	0.21	0.8	0.319	0.000	12.5	47	0.05	1368	1	100.0	60
14/09/03	8:00	0.64	2.4	0.111	0.000	18.3	40	0.18	1368	1	100.0	60
14/09/03	9:00	1.50	4.7	0.016	0.000	24.2	34	0.33	1368	1	100.0	60
14/09/03	10:00	2.53	7.0	0.000	0.046	27.9	30	0.43	1368	1	100.0	60
14/09/03	11:00	3.34	8.5	0.000	0.116	30.6	28	0.51	1368	1	100.0	60
14/09/03	12:00	3.69	8.8	0.000	0.162	32.1	28	0.53	1368	1	100.0	60
14/09/03	13:00	3.43	8.6	0.000	0.215	32.9	29	0.53	1368	1	100.0	60
14/09/03	14:00	2.61	7.2	0.000	0.269	33.6	30	0.46	1368	1	100.0	60
14/09/03	15:00	1.59	4.9	0.000	0.303	34.3	30	0.38	1368	1	100.0	60
14/09/03	16:00	0.73	2.6	0.000	0.315	34.3	30	0.28	1368	1	100.0	60
14/09/03	17:00	0.21	0.9	0.000	0.285	32.8	33	0.15	1368	1	100.0	60
14/09/03	18:00	0.00	0.0	0.000	0.174	27.8	37	0.03	1368	1	100.0	60
14/09/03	19:00	0.00	0.0	0.000	0.095	23.2	39	0.03	1368	1	100.0	60
14/09/03	20:00	0.00	0.0	0.009	0.000	21.1	39	0.00	1368	1	100.0	60
14/09/03	21:00	0.00	0.0	0.104	0.000	18.3	40	0.00	1368	1	100.0	60
14/09/03	22:00	0.00	0.0	0.208	0.000	16.3	40	0.00	1368	1	100.0	60
14/09/03	23:00	0.00	0.0	0.241	0.000	15.1	41	0.00	1368	1	100.0	60
15/09/03	00:00	0.00	0.0	0.255	0.000	14.5	41	0.00	1368	1	100.0	60

## Ivinhema 15/09/03

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.
15/09/03	1:00	0.00	0.0	0.282	0.000	14.1	41	0.00	1368	1	100.0	60
15/09/03	2:00	0.00	0.0	0.310	0.000	13.4	42	0.00	1368	1	100.0	60
15/09/03	3:00	0.00	0.0	0.326	0.000	13.0	42	0.00	1368	1	100.0	60
15/09/03	4:00	0.00	0.0	0.324	0.000	12.6	42	0.00	1368	1	100.0	60
15/09/03	5:00	0.00	0.0	0.336	0.000	12.4	42	0.00	1368	1	100.0	60
15/09/03	6:00	0.00	0.0	0.352	0.000	12.1	43	0.00	1368	1	100.0	60
15/09/03	7:00	0.17	0.6	0.275	0.000	13.6	43	0.05	1368	1	100.0	60
15/09/03	8:00	0.39	1.3	0.118	0.000	17.7	39	0.10	1368	1	100.0	60
15/09/03	9:00	1.07	3.7	0.037	0.000	22.1	34	0.20	1368	1	100.0	60
15/09/03	10:00	1.63	5.4	0.000	0.035	26.4	33	0.25	1368	1	100.0	60
15/09/03	11:00	2.79	7.6	0.000	0.116	29.3	27	0.43	1368	1	100.0	60
15/09/03	12:00	3.13	7.8	0.000	0.192	32.6	27	0.48	1368	1	100.0	60
15/09/03	13:00	2.66	7.3	0.000	0.248	33.7	28	0.46	1368	1	100.0	60
15/09/03	14:00	1.93	5.9	0.000	0.303	34.3	30	0.41	1368	1	100.0	60
15/09/03	15:00	0.34	2.8	0.000	0.275	31.6	36	0.08	1368	1	100.0	60
15/09/03	16:00	0.17	0.6	0.000	0.127	26.1	39	0.05	1368	1	100.0	60
15/09/03	17:00	0.04	0.3	0.000	0.095	24.4	40	0.03	1368	1	100.0	60
15/09/03	18:00	0.00	0.0	0.000	0.051	23.2	40	0.00	1368	1	100.0	60
15/09/03	19:00	0.00	0.0	0.000	0.021	22.3	41	0.00	1368	1	100.0	60
15/09/03	20:00	0.00	0.0	0.000	0.002	21.7	42	0.00	1368	1	100.0	60
15/09/03	21:00	0.00	0.0	0.016	0.000	21.2	42	0.00	1368	1	100.0	60
15/09/03	22:00	0.00	0.0	0.019	0.000	20.7	43	0.00	1368	1	100.0	60
15/09/03	23:00	0.00	0.0	0.035	0.000	20.3	43	0.00	1368	1	100.0	60
16/09/03	00:00	0.00	0.0	0.044	0.000	20.0	44	0.00	1368	1	100.0	60

## Ivinhema 16/09/03

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.
16/09/03	1:00	0.00	0.0	0.046	0.000	19.7	44	0.00	1369	1	100.0	60
16/09/03	2:00	0.00	0.0	0.074	0.000	19.3	45	0.00	1368	1	100.0	60
16/09/03	3:00	0.00	0.0	0.095	0.000	18.7	45	0.00	1331	1	97.3	60
16/09/03	4:00	0.00	0.0	0.109	0.000	18.3	46	0.00	1368	1	100.0	60
16/09/03	5:00	0.00	0.0	0.104	0.000	18.2	46	0.00	1368	1	100.0	60
16/09/03	6:00	0.00	0.0	0.076	0.000	18.7	47	0.00	1368	1	100.0	60
16/09/03	7:00	0.09	0.4	0.039	0.000	19.6	46	0.03	1368	1	100.0	60
16/09/03	8:00	0.26	0.7	0.009	0.000	20.9	45	0.05	1368	1	100.0	60
16/09/03	9:00	0.56	1.8	0.000	0.023	22.3	43	0.08	1368	1	100.0	60
16/09/03	10:00	1.24	6.0	0.000	0.065	24.6	37	0.15	1368	1	100.0	60
16/09/03	11:00	2.74	8.3	0.000	0.181	30.7	32	0.38	1368	1	100.0	60
16/09/03	12:00	3.34	8.2	0.000	0.227	33.4	31	0.48	1368	1	100.0	60
16/09/03	13:00	3.09	7.7	0.000	0.269	34.2	32	0.48	1368	1	100.0	60
16/09/03	14:00	2.31	6.5	0.000	0.310	34.7	33	0.46	1368	1	100.0	60
16/09/03	15:00	1.24	4.4	0.000	0.324	34.6	35	0.30	1368	1	100.0	60
16/09/03	16:00	0.56	1.8	0.000	0.326	33.4	35	0.20	1368	1	100.0	60
16/09/03	17:00	0.17	0.8	0.000	0.310	32.4	38	0.13	1368	1	100.0	60
16/09/03	18:00	0.00	0.0	0.000	0.229	28.0	42	0.03	1368	1	100.0	60
16/09/03	19:00	0.00	0.0	0.000	0.090	23.6	43	0.00	1368	1	100.0	60
16/09/03	20:00	0.00	0.0	0.000	0.009	21.1	44	0.00	1368	1	100.0	60
16/09/03	21:00	0.00	0.0	0.025	0.000	19.8	44	0.00	1331	1	97.3	60
16/09/03	22:00	0.00	0.0	0.067	0.000	19.1	44	0.00	1368	1	100.0	60
16/09/03	23:00	0.00	0.0	0.111	0.000	18.0	44	0.00	1368	1	100.0	60
17/09/03	00:00	0.00	0.0	0.146	0.000	17.1	44	0.00	1368	1	100.0	60

## Ivinhema 17/09/03

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.
17/09/03	1:00	0.00	0.0	0.201	0.000	15.9	45	0.00	1368	1	100.0	60
17/09/03	2:00	0.00	0.0	0.227	0.000	15.1	46	0.00	1368	1	100.0	60
17/09/03	3:00	0.00	0.0	0.192	0.000	15.2	46	0.00	1368	1	100.0	60
17/09/03	4:00	0.00	0.0	0.266	0.000	14.4	46	0.00	1368	1	100.0	60
17/09/03	5:00	0.00	0.0	0.271	0.000	13.8	47	0.00	1368	1	100.0	60
17/09/03	6:00	0.00	0.0	0.287	0.000	13.4	47	0.00	1368	1	100.0	60
17/09/03	7:00	0.21	0.8	0.201	0.000	15.6	46	0.08	1368	1	100.0	60
17/09/03	8:00	0.60	2.2	0.039	0.000	20.7	39	0.20	1368	1	100.0	60
17/09/03	9:00	1.37	4.2	0.000	0.097	26.7	34	0.33	1368	1	100.0	60
17/09/03	10:00	2.27	6.2	0.000	0.211	31.4	31	0.43	1368	1	100.0	60
17/09/03	11:00	3.00	7.6	0.000	0.317	34.7	31	0.51	1368	1	100.0	60
17/09/03	12:00	3.26	8.0	0.000	0.396	36.6	32	0.53	1368	1	100.0	60
17/09/03	13:00	2.83	7.9	0.000	0.417	36.7	34	0.43	1368	1	100.0	60
17/09/03	14:00	2.36	6.5	0.000	0.435	37.1	34	0.46	1368	1	100.0	60
17/09/03	15:00	1.41	4.3	0.000	0.461	37.3	34	0.38	1368	1	100.0	60
17/09/03	16:00	0.64	2.3	0.000	0.447	37.1	34	0.25	1368	1	100.0	60
17/09/03	17:00	0.21	0.8	0.000	0.396	35.2	37	0.13	1369	1	100.0	60
17/09/03	18:00	0.00	0.0	0.000	0.285	30.3	41	0.05	1368	1	100.0	60
17/09/03	19:00	0.00	0.0	0.000	0.192	26.6	42	0.03	1368	1	100.0	60
17/09/03	20:00	0.00	0.0	0.000	0.116	24.2	42	0.03	1368	1	100.0	60
17/09/03	21:00	0.00	0.0	0.000	0.028	22.1	42	0.00	1368	1	100.0	60
17/09/03	22:00	0.00	0.0	0.065	0.000	19.7	43	0.00	1368	1	100.0	60
17/09/03	23:00	0.00	0.0	0.120	0.000	18.2	43	0.00	1368	1	100.0	60
18/09/03	00:00	0.00	0.0	0.134	0.000	17.4	43	0.00	1368	1	100.0	60

## Ivinhema 18/09/03

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.
18/09/03	1:00	0.00	0.0	0.153	0.000	16.8	44	0.00	1368	1	100.0	60
18/09/03	2:00	0.00	0.0	0.218	0.000	15.9	44	0.00	1368	1	100.0	60
18/09/03	3:00	0.00	0.0	0.248	0.000	14.9	44	0.00	1368	1	100.0	60
18/09/03	4:00	0.00	0.0	0.234	0.000	14.6	45	0.00	1368	1	100.0	60
18/09/03	5:00	0.00	0.0	0.271	0.000	14.3	44	0.00	1368	1	100.0	60
18/09/03	6:00	0.00	0.0	0.296	0.000	13.2	45	0.00	1368	1	100.0	60
18/09/03	7:00	0.21	0.9	0.197	0.000	15.4	45	0.08	1368	1	100.0	60
18/09/03	8:00	0.69	2.5	0.023	0.000	21.2	38	0.20	1368	1	100.0	60
18/09/03	9:00	1.54	4.7	0.000	0.127	27.2	33	0.36	1368	1	100.0	60
18/09/03	10:00	2.53	7.0	0.000	0.236	31.8	30	0.48	1330	1	97.2	60
18/09/03	11:00	3.34	8.4	0.000	0.301	34.4	29	0.56	1368	1	100.0	60
18/09/03	12:00	3.69	8.7	0.000	0.361	35.7	28	0.61	1368	1	100.0	60
18/09/03	13:00	3.39	8.4	0.000	0.403	36.2	28	0.66	1368	1	100.0	60
18/09/03	14:00	2.61	7.2	0.000	0.442	36.8	28	0.56	1368	1	100.0	60
18/09/03	15:00	1.59	4.9	0.000	0.449	37.1	28	0.46	1368	1	100.0	60
18/09/03	16:00	0.69	2.5	0.000	0.438	36.7	27	0.33	1368	1	100.0	60
18/09/03	17:00	0.21	0.8	0.000	0.389	34.7	30	0.13	1368	1	100.0	60
18/09/03	18:00	0.00	0.0	0.000	0.273	29.8	34	0.05	1368	1	100.0	60
18/09/03	19:00	0.00	0.0	0.000	0.167	25.3	36	0.03	1368	1	100.0	60
18/09/03	20:00	0.00	0.0	0.000	0.060	22.4	37	0.00	1331	1	97.3	60
18/09/03	21:00	0.00	0.0	0.000	0.012	20.4	37	0.00	1368	1	100.0	60
18/09/03	22:00	0.00	0.0	0.093	0.000	18.3	37	0.00	1368	1	100.0	60
18/09/03	23:00	0.00	0.0	0.162	0.000	16.5	38	0.00	1368	1	100.0	60
19/09/03	00:00	0.00	0.0	0.187	0.000	15.9	38	0.00	1368	1	100.0	60



## Ivinhema 19/09/03

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.
19/09/03	1:00	0.00	0.0	0.213	0.000	15.0	38	0.00	1369	1	100.0	60
19/09/03	2:00	0.00	0.0	0.319	0.000	13.7	38	0.00	1368	1	100.0	60
19/09/03	3:00	0.00	0.0	0.329	0.000	12.4	38	0.00	1368	1	100.0	60
19/09/03	4:00	0.00	0.0	0.354	0.000	11.7	39	0.00	1368	1	100.0	60
19/09/03	5:00	0.00	0.0	0.368	0.000	11.3	39	0.00	1368	1	100.0	60
19/09/03	6:00	0.00	0.3	0.384	0.000	10.9	39	0.00	1368	1	100.0	60
19/09/03	7:00	0.21	1.0	0.245	0.000	13.6	39	0.08	1368	1	100.0	60
19/09/03	8:00	0.73	2.6	0.025	0.000	20.2	34	0.23	1368	1	100.0	60
19/09/03	9:00	1.59	4.8	0.000	0.139	27.2	29	0.38	1368	1	100.0	60
19/09/03	10:00	2.57	7.1	0.000	0.243	32.1	27	0.48	1368	1	100.0	60
19/09/03	11:00	3.39	8.4	0.000	0.317	34.7	26	0.56	1368	1	100.0	60
19/09/03	12:00	3.69	8.6	0.000	0.412	36.4	27	0.61	1368	1	100.0	60
19/09/03	13:00	3.30	8.4	0.000	0.472	37.6	27	0.61	1368	1	100.0	60
19/09/03	14:00	2.36	6.8	0.000	0.505	38.1	27	0.53	1368	1	100.0	60
19/09/03	15:00	1.41	4.3	0.000	0.516	38.3	27	0.43	1368	1	100.0	60
19/09/03	16:00	0.64	2.2	0.000	0.514	38.1	27	0.30	1368	1	100.0	60
19/09/03	17:00	0.17	0.8	0.000	0.484	36.7	30	0.13	1331	1	97.3	60
19/09/03	18:00	0.00	0.0	0.000	0.380	32.1	33	0.03	1368	1	100.0	60
19/09/03	19:00	0.00	0.0	0.000	0.313	28.2	34	0.03	1368	1	100.0	60
19/09/03	20:00	0.00	0.0	0.000	0.169	25.6	35	0.00	1368	1	100.0	60
19/09/03	21:00	0.00	0.0	0.000	0.039	22.6	35	0.00	1368	1	100.0	60
19/09/03	22:00	0.00	0.0	0.025	0.000	20.8	36	0.00	1368	1	100.0	60
19/09/03	23:00	0.00	0.0	0.035	0.000	19.8	36	0.00	1368	1	100.0	60
20/09/03	00:00	0.00	0.0	0.063	0.000	19.2	37	0.00	1368	1	100.0	60

## Ivinhema 20/09/03

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.
20/09/03	1:00	0.00	0.0	0.102	0.000	18.5	37	0.00	1368	1	100.0	60
20/09/03	2:00	0.00	0.0	0.083	0.000	18.1	37	0.00	1368	1	100.0	60
20/09/03	3:00	0.00	0.0	0.157	0.000	17.1	37	0.00	1368	1	100.0	60
20/09/03	4:00	0.00	0.0	0.218	0.000	15.7	38	0.00	1368	1	100.0	60
20/09/03	5:00	0.00	0.0	0.181	0.000	15.4	39	0.00	1368	1	100.0	60
20/09/03	6:00	0.00	0.0	0.211	0.000	15.4	39	0.00	1325	1	96.9	60
20/09/03	7:00	0.21	0.9	0.109	0.000	17.4	38	0.08	1314	1	96.1	60
20/09/03	8:00	0.64	2.2	0.000	0.118	24.0	33	0.20	1368	1	100.0	60
20/09/03	9:00	1.37	4.1	0.000	0.285	30.6	29	0.36	1368	1	100.0	60
20/09/03	10:00	2.19	6.1	0.000	0.396	35.2	27	0.48	1368	1	100.0	60
20/09/03	11:00	2.79	6.8	0.000	0.493	37.8	27	0.56	1368	1	100.0	60
20/09/03	12:00	2.57	6.8	0.000	0.530	39.1	27	0.00	1368	1	100.0	60
20/09/03	13:00	2.36	6.3	0.000	0.588	39.8	27	1.12	1369	1	100.0	60
20/09/03	14:00	1.84	5.2	0.000	0.630	40.3	27	0.53	1368	1	100.0	60
20/09/03	15:00	1.03	3.3	0.000	0.641	40.6	27	0.43	1368	1	100.0	60
20/09/03	16:00	0.39	1.4	0.000	0.637	40.2	28	0.25	1368	1	100.0	60
20/09/03	17:00	0.13	0.6	0.000	0.583	38.3	31	0.10	1368	1	100.0	60
20/09/03	18:00	0.00	0.0	0.000	0.456	33.4	33	0.03	1368	1	100.0	60
20/09/03	19:00	0.00	0.0	0.000	0.345	29.3	34	0.03	1368	1	100.0	60
20/09/03	20:00	0.00	0.0	0.000	0.164	25.9	35	0.00	1368	1	100.0	60
20/09/03	21:00	0.00	0.0	0.000	0.088	23.3	35	0.00	1368	1	100.0	60
20/09/03	22:00	0.00	0.0	0.000	0.032	21.8	36	0.00	1368	1	100.0	60
20/09/03	23:00	0.00	0.0	0.007	0.000	20.9	36	0.00	1368	1	100.0	60
21/09/03	00:00	0.00	0.0	0.019	0.000	19.9	36	0.00	1331	1	97.3	60

## Ivinhema 21/09/03

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.
21/09/03	1:00	0.00	0.0	0.042	0.000	19.2	36	0.00	1368	1	100.0	60
21/09/03	2:00	0.00	0.0	0.065	0.000	18.6	37	0.00	1368	1	100.0	60
21/09/03	3:00	0.00	0.0	0.100	0.000	18.1	37	0.00	1368	1	100.0	60
21/09/03	4:00	0.00	0.0	0.137	0.000	17.2	38	0.00	1368	1	100.0	60
21/09/03	5:00	0.00	0.0	0.150	0.000	16.7	38	0.00	1368	1	100.0	60
21/09/03	6:00	0.00	0.0	0.181	0.000	15.8	38	0.00	1368	1	100.0	60
21/09/03	7:00	0.21	0.8	0.067	0.000	18.5	37	0.08	1368	1	100.0	60
21/09/03	8:00	0.60	2.2	0.000	0.125	24.7	32	0.18	1368	1	100.0	60
21/09/03	9:00	1.29	3.9	0.000	0.282	30.8	29	0.33	1368	1	100.0	60
21/09/03	10:00	2.06	6.0	0.000	0.389	34.6	27	0.48	1368	1	100.0	60
21/09/03	11:00	2.74	6.8	0.000	0.424	36.8	26	0.56	1368	1	100.0	60
21/09/03	12:00	2.74	6.8	0.000	0.444	37.3	26	0.51	1368	1	100.0	60
21/09/03	13:00	2.70	6.8	0.000	0.491	38.0	26	0.53	1368	1	100.0	60
21/09/03	14:00	1.89	5.8	0.000	0.525	38.7	26	0.48	1368	1	100.0	60
21/09/03	15:00	1.07	3.5	0.000	0.532	38.4	27	0.36	1368	1	100.0	60
21/09/03	16:00	0.51	1.8	0.000	0.528	37.4	29	0.23	1368	1	100.0	60
21/09/03	17:00	0.17	0.7	0.000	0.486	35.4	31	0.13	1330	1	97.2	60
21/09/03	18:00	0.00	0.0	0.000	0.398	32.0	33	0.03	1368	1	100.0	60
21/09/03	19:00	0.00	0.0	0.000	0.269	28.3	34	0.03	1368	1	100.0	60
21/09/03	20:00	0.00	0.0	0.000	0.141	25.0	35	0.00	1368	1	100.0	60
21/09/03	21:00	0.00	0.0	0.000	0.074	23.1	35	0.00	1368	1	100.0	60
21/09/03	22:00	0.00	0.0	0.000	0.007	21.7	36	0.00	1368	1	100.0	60
21/09/03	23:00	0.00	0.0	0.005	0.000	20.6	36	0.00	1368	1	100.0	60
22/09/03	00:00	0.00	0.0	0.016	0.000	19.9	36	0.00	1332	1	97.4	60

## Ivinhema 22/09/03

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.
22/09/03	1:00	0.00	0.0	0.065	0.000	19.1	37	0.00	1368	1	100.0	60
22/09/03	2:00	0.00	0.0	0.076	0.000	18.6	37	0.00	1330	1	97.2	60
22/09/03	3:00	0.00	0.0	0.116	0.000	17.7	38	0.00	1368	1	100.0	60
22/09/03	4:00	0.00	0.0	0.134	0.000	17.3	38	0.00	1368	1	100.0	60
22/09/03	5:00	0.00	0.0	0.160	0.000	16.6	38	0.00	1368	1	100.0	60
22/09/03	6:00	0.00	0.3	0.178	0.000	16.1	38	0.00	1368	1	100.0	60
22/09/03	7:00	0.21	0.9	0.063	0.000	18.3	38	0.08	1368	1	100.0	60
22/09/03	8:00	0.64	2.3	0.000	0.148	24.5	33	0.20	1368	1	100.0	60
22/09/03	9:00	1.46	4.4	0.000	0.315	30.9	29	0.38	1368	1	100.0	60
22/09/03	10:00	2.40	6.7	0.000	0.431	35.7	27	0.53	1368	1	100.0	60
22/09/03	11:00	3.21	7.9	0.000	0.502	38.1	27	0.61	1368	1	100.0	60
22/09/03	12:00	3.04	7.8	0.000	0.586	39.6	26	0.66	1368	1	100.0	60
22/09/03	13:00	2.27	6.7	0.000	0.623	40.3	27	0.61	1368	1	100.0	60
22/09/03	14:00	1.80	5.1	0.000	0.650	40.6	27	0.53	1368	1	100.0	60
22/09/03	15:00	0.86	3.3	0.000	0.653	40.8	27	0.41	1368	1	100.0	60
22/09/03	16:00	0.34	1.2	0.000	0.613	39.9	27	0.25	1368	1	100.0	60
22/09/03	17:00	0.09	0.4	0.000	0.539	37.3	30	0.15	1368	1	100.0	60
22/09/03	18:00	0.00	0.0	0.000	0.435	33.1	32	0.05	1368	1	100.0	60
22/09/03	19:00	0.00	0.0	0.000	0.340	29.4	33	0.03	1368	1	100.0	60
22/09/03	20:00	0.00	0.0	0.000	0.183	26.2	34	0.03	1368	1	100.0	60
22/09/03	21:00	0.00	0.0	0.000	0.053	22.5	35	0.00	1368	1	100.0	60
22/09/03	22:00	0.00	0.0	0.000	0.012	21.0	35	0.00	1368	1	100.0	60
22/09/03	23:00	0.00	0.0	0.019	0.000	19.9	35	0.00	1368	1	100.0	60
23/09/03	00:00	0.00	0.0	0.044	0.000	19.2	36	0.00	1368	1	100.0	60

## Ivinhema 23/09/03

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.
23/09/03	1:00	0.00	0.0	0.067	0.000	18.6	36	0.00	1369	1	100.0	60
23/09/03	2:00	0.00	0.0	0.100	0.000	17.8	36	0.00	1368	1	100.0	60
23/09/03	3:00	0.00	0.0	0.120	0.000	17.2	36	0.00	1330	1	97.2	60
23/09/03	4:00	0.00	0.0	0.157	0.000	16.5	36	0.00	1368	1	100.0	60
23/09/03	5:00	0.00	0.0	0.164	0.000	15.8	37	0.00	1368	1	100.0	60
23/09/03	6:00	0.00	0.3	0.162	0.000	15.8	37	0.03	1368	1	100.0	60
23/09/03	7:00	0.21	1.0	0.046	0.000	18.2	36	0.10	1368	1	100.0	60
23/09/03	8:00	0.73	2.5	0.000	0.231	25.5	31	0.25	1368	1	100.0	60
23/09/03	9:00	1.54	4.7	0.000	0.403	32.7	27	0.46	1368	1	100.0	60
23/09/03	10:00	2.53	6.9	0.000	0.456	36.7	25	0.56	1368	1	100.0	60
23/09/03	11:00	3.26	8.1	0.000	0.583	39.2	26	0.63	1368	1	100.0	60
23/09/03	12:00	3.47	8.2	0.000	0.711	41.7	26	0.71	1368	1	100.0	60
23/09/03	13:00	3.17	7.8	0.000	0.787	42.9	27	0.74	1368	1	100.0	60
23/09/03	14:00	2.44	6.7	0.000	0.829	43.7	28	0.69	1368	1	100.0	60
23/09/03	15:00	1.50	4.6	0.000	0.833	43.9	28	0.56	1368	1	100.0	60
23/09/03	16:00	0.69	2.4	0.000	0.829	43.6	28	0.38	1368	1	100.0	60
23/09/03	17:00	0.21	0.9	0.000	0.773	42.2	30	0.15	1368	1	100.0	60
23/09/03	18:00	0.00	0.0	0.000	0.579	36.8	32	0.03	1368	1	100.0	60
23/09/03	19:00	0.00	0.0	0.000	0.435	31.6	34	0.03	1368	1	100.0	60
23/09/03	20:00	0.00	0.0	0.000	0.343	29.7	34	0.03	1368	1	100.0	60
23/09/03	21:00	0.00	0.0	0.000	0.262	27.2	35	0.03	1368	1	100.0	60
23/09/03	22:00	0.00	0.0	0.000	0.187	25.6	35	0.03	1368	1	100.0	60
23/09/03	23:00	0.00	0.0	0.000	0.150	24.7	35	0.00	1368	1	100.0	60
24/09/03	00:00	0.00	0.0	0.000	0.109	23.2	35	0.00	1331	1	97.3	60

## Ivinhema 24/09/03

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.
24/09/03	1:00	0.00	0.0	0.000	0.069	22.4	36	0.03	1369	1	100.0	60
24/09/03	2:00	0.00	0.0	0.000	0.035	21.6	36	0.00	1368	1	100.0	60
24/09/03	3:00	0.00	0.0	0.000	0.039	21.2	37	0.03	1368	1	100.0	60
24/09/03	4:00	0.00	0.0	0.000	0.009	20.8	37	0.00	1368	1	100.0	60
24/09/03	5:00	0.00	0.0	0.000	0.046	20.7	37	0.03	1368	1	100.0	60
24/09/03	6:00	0.00	0.3	0.002	0.000	20.7	37	0.03	1368	1	100.0	60
24/09/03	7:00	0.21	0.8	0.000	0.081	22.4	36	0.10	1368	1	100.0	60
24/09/03	8:00	0.60	2.2	0.000	0.252	27.1	32	0.20	1368	1	100.0	60
24/09/03	9:00	1.20	4.6	0.000	0.366	32.4	29	0.30	1368	1	100.0	60
24/09/03	10:00	1.93	5.4	0.000	0.498	36.8	28	0.41	1368	1	100.0	60
24/09/03	11:00	1.67	6.5	0.000	0.623	39.8	29	0.46	1368	1	100.0	60
24/09/03	12:00	1.76	6.1	0.000	0.563	37.7	28	0.48	1368	1	100.0	60
24/09/03	13:00	1.67	4.9	0.000	0.609	39.9	29	0.58	1368	1	100.0	60
24/09/03	14:00	0.77	3.3	0.000	0.500	38.4	30	0.48	1368	1	100.0	60
24/09/03	15:00	0.47	1.5	0.000	0.380	35.2	29	0.46	1368	1	100.0	60
24/09/03	16:00	0.34	1.0	0.000	0.352	33.6	30	0.33	1368	1	100.0	60
24/09/03	17:00	0.13	0.6	0.000	0.315	31.4	34	0.15	1368	1	100.0	60
24/09/03	18:00	0.00	0.0	0.000	0.245	28.7	35	0.08	1368	1	100.0	60
24/09/03	19:00	0.00	0.0	0.000	0.187	26.8	36	0.03	1368	1	100.0	60
24/09/03	20:00	0.00	0.0	0.000	0.148	25.2	36	0.03	1368	1	100.0	60
24/09/03	21:00	0.00	0.0	0.000	0.081	23.9	37	0.03	1368	1	100.0	60
24/09/03	22:00	0.00	0.0	0.000	0.086	22.9	37	0.00	1368	1	100.0	60
24/09/03	23:00	0.00	0.0	0.000	0.025	22.1	37	0.00	1368	1	100.0	60
25/09/03	00:00	0.00	0.0	0.002	0.000	21.0	38	0.00	1368	1	100.0	60

## Ivinhema 25/09/03

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.
25/09/03	1:00	0.00	0.0	0.028	0.000	20.1	38	0.00	1368	1	100.0	60
25/09/03	2:00	0.00	0.0	0.042	0.000	19.7	39	0.00	1368	1	100.0	60
25/09/03	3:00	0.00	0.0	0.049	0.000	19.2	39	0.00	1368	1	100.0	60
25/09/03	4:00	0.00	0.0	0.060	0.000	18.9	39	0.00	1368	1	100.0	60
25/09/03	5:00	0.00	0.0	0.083	0.000	18.5	40	0.00	1368	1	100.0	60
25/09/03	6:00	0.00	0.0	0.086	0.000	18.3	40	0.00	1368	1	100.0	60
25/09/03	7:00	0.17	0.8	0.028	0.000	19.6	38	0.05	1368	1	100.0	60
25/09/03	8:00	0.51	1.8	0.000	0.113	24.8	33	0.18	1368	1	100.0	60
25/09/03	9:00	1.07	3.2	0.000	0.245	30.1	30	0.28	1368	1	100.0	60
25/09/03	10:00	1.71	4.9	0.000	0.352	34.6	28	0.41	1368	1	100.0	60
25/09/03	11:00	1.20	4.6	0.000	0.387	35.1	31	0.25	1368	1	100.0	60
25/09/03	12:00	1.41	5.5	0.000	0.405	35.4	31	0.33	1368	1	100.0	60
25/09/03	13:00	0.39	1.4	0.000	0.174	29.9	35	0.13	1368	1	100.0	60
25/09/03	14:00	0.43	1.5	0.000	0.144	26.0	37	0.10	1368	1	100.0	60
25/09/03	15:00	0.39	1.4	0.000	0.192	26.8	38	0.10	1368	1	100.0	60
25/09/03	16:00	0.17	0.5	0.000	0.194	26.4	38	0.05	1368	1	100.0	60
25/09/03	17:00	0.04	0.4	0.000	0.197	26.2	39	0.05	1368	1	100.0	60
25/09/03	18:00	0.00	0.0	0.000	0.153	25.4	39	0.03	1369	1	100.0	60
25/09/03	19:00	0.00	0.0	0.000	0.093	23.6	41	0.00	1368	1	100.0	60
25/09/03	20:00	0.00	0.0	0.000	0.090	23.0	41	0.00	1368	1	100.0	60
25/09/03	21:00	0.00	0.0	0.000	0.088	22.7	41	0.00	1368	1	100.0	60
25/09/03	22:00	0.00	0.0	0.000	0.030	21.5	42	0.00	1368	1	100.0	60
25/09/03	23:00	0.00	0.0	0.000	0.051	21.4	42	0.00	1368	1	100.0	60
26/09/03	00:00	0.00	0.0	0.000	0.051	21.6	43	0.00	1368	1	100.0	60

## Ivinhema 26/09/03

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.
26/09/03	1:00	0.00	0.0	0.000	0.051	21.6	43	0.00	1368	1	100.0	60
26/09/03	2:00	0.00	0.0	0.000	0.076	21.7	44	0.00	1368	1	100.0	60
26/09/03	3:00	0.00	0.0	0.000	0.088	22.3	44	0.03	1368	1	100.0	60
26/09/03	4:00	0.00	0.0	0.000	0.083	22.3	45	0.03	1368	1	100.0	60
26/09/03	5:00	0.00	0.0	0.000	0.083	22.1	46	0.00	1368	1	100.0	60
26/09/03	6:00	0.00	0.0	0.000	0.074	21.9	48	0.03	1368	1	100.0	60
26/09/03	7:00	0.00	0.3	0.000	0.051	21.2	49	0.03	1368	1	100.0	60
26/09/03	8:00	0.30	1.4	0.000	0.069	21.9	47	0.08	1368	1	100.0	60
26/09/03	9:00	0.90	3.0	0.000	0.144	25.9	40	0.20	1368	1	100.0	60
26/09/03	10:00	0.94	2.6	0.000	0.187	28.3	40	0.20	1368	1	100.0	60
26/09/03	11:00	0.39	2.3	0.000	0.192	27.8	44	0.10	1368	1	100.0	60
26/09/03	12:00	0.17	1.0	0.000	0.090	24.1	47	0.03	1368	1	100.0	60
26/09/03	13:00	0.17	0.8	0.000	0.081	22.7	48	0.03	1368	1	100.0	60
26/09/03	14:00	0.56	2.8	0.000	0.095	23.9	46	0.08	1368	1	100.0	60
26/09/03	15:00	0.00	0.3	0.000	0.081	22.8	49	0.03	1368	1	100.0	60
26/09/03	16:00	0.04	0.4	0.000	0.062	21.9	50	0.03	1368	1	100.0	60
26/09/03	17:00	0.00	0.0	0.000	0.030	21.2	51	0.03	1368	1	100.0	60
26/09/03	18:00	0.00	0.0	0.000	0.021	20.5	52	0.00	1368	1	100.0	60
26/09/03	19:00	0.00	0.0	0.000	0.021	20.3	52	0.00	1368	1	100.0	60
26/09/03	20:00	0.00	0.0	0.000	0.005	20.1	53	0.00	1368	1	100.0	60
26/09/03	21:00	0.00	0.0	0.002	0.000	19.8	55	0.03	1368	1	100.0	60
26/09/03	22:00	0.00	0.0	0.000	0.007	19.7	56	0.05	1368	1	100.0	60
26/09/03	23:00	0.00	0.0	0.000	0.007	19.8	55	0.03	1368	1	100.0	60
27/09/03	00:00	0.00	0.0	0.012	0.000	19.4	55	0.00	1368	1	100.0	60



## Ivinhema 27/09/03

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.
27/09/03	1:00	0.00	0.0	0.035	0.000	19.1	55	0.00	1369	1	100.0	60
27/09/03	2:00	0.00	0.0	0.065	0.000	18.1	55	0.00	1368	1	100.0	60
27/09/03	3:00	0.00	0.0	0.067	0.000	17.7	55	0.00	1368	1	100.0	60
27/09/03	4:00	0.00	0.0	0.111	0.000	17.1	55	0.00	1368	1	100.0	60
27/09/03	5:00	0.00	0.0	0.134	0.000	16.2	56	0.00	1368	1	100.0	60
27/09/03	6:00	0.00	0.0	0.113	0.000	16.6	56	0.00	1368	1	100.0	60
27/09/03	7:00	0.13	0.5	0.056	0.000	18.0	54	0.03	1368	1	100.0	60
27/09/03	8:00	0.56	2.7	0.000	0.028	20.9	44	0.13	1368	1	100.0	60
27/09/03	9:00	1.54	5.5	0.000	0.120	26.6	39	0.25	1368	1	100.0	60
27/09/03	10:00	2.10	7.8	0.000	0.185	30.4	40	0.28	1368	1	100.0	60
27/09/03	11:00	1.97	6.8	0.000	0.218	30.4	41	0.23	1368	1	100.0	60
27/09/03	12:00	2.10	7.6	0.000	0.243	30.9	40	0.25	1368	1	100.0	60
27/09/03	13:00	2.53	9.2	0.000	0.275	32.8	39	0.30	1368	1	100.0	60
27/09/03	14:00	1.89	7.3	0.000	0.285	32.6	39	0.28	1368	1	100.0	60
27/09/03	15:00	1.37	5.3	0.000	0.301	33.2	40	0.25	1368	1	100.0	60
27/09/03	16:00	0.73	2.5	0.000	0.317	32.8	38	0.20	1368	1	100.0	60
27/09/03	17:00	0.26	1.0	0.000	0.333	32.8	41	0.13	1368	1	100.0	60
27/09/03	18:00	0.00	0.0	0.000	0.280	29.3	45	0.03	1368	1	100.0	60
27/09/03	19:00	0.00	0.0	0.000	0.160	25.1	46	0.00	1368	1	100.0	60
27/09/03	20:00	0.00	0.0	0.000	0.049	22.1	47	0.00	1368	1	100.0	60
27/09/03	21:00	0.00	0.0	0.035	0.000	20.2	48	0.00	1368	1	100.0	60
27/09/03	22:00	0.00	0.0	0.051	0.000	19.2	48	0.00	1368	1	100.0	60
27/09/03	23:00	0.00	0.0	0.083	0.000	18.7	48	0.00	1368	1	100.0	60
28/09/03	00:00	0.00	0.0	0.104	0.000	17.9	49	0.00	1368	1	100.0	60

## Ivinhema 28/09/03

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.
28/09/03	1:00	0.00	0.0	0.116	0.000	17.4	49	0.00	1368	1	100.0	60
28/09/03	2:00	0.00	0.0	0.139	0.000	16.9	49	0.00	1368	1	100.0	60
28/09/03	3:00	0.00	0.0	0.120	0.000	16.6	50	0.00	1368	1	100.0	60
28/09/03	4:00	0.00	0.0	0.185	0.000	15.8	50	0.00	1368	1	100.0	60
28/09/03	5:00	0.00	0.0	0.197	0.000	15.2	50	0.00	1368	1	100.0	60
28/09/03	6:00	0.00	0.3	0.185	0.000	15.1	51	0.03	1368	1	100.0	60
28/09/03	7:00	0.26	1.0	0.076	0.000	18.6	47	0.08	1368	1	100.0	60
28/09/03	8:00	0.64	2.8	0.000	0.039	23.3	41	0.15	1368	1	100.0	60
28/09/03	9:00	1.76	5.3	0.000	0.213	28.8	37	0.33	1368	1	100.0	60
28/09/03	10:00	2.74	7.3	0.000	0.324	33.8	34	0.43	1368	1	100.0	60
28/09/03	11:00	3.30	8.2	0.000	0.421	36.6	34	0.48	1368	1	100.0	60
28/09/03	12:00	3.17	8.1	0.000	0.488	38.1	35	0.46	1368	1	100.0	60
28/09/03	13:00	2.66	7.6	0.000	0.525	38.6	37	0.51	1368	1	100.0	60
28/09/03	14:00	1.16	5.4	0.000	0.495	37.3	41	0.30	1368	1	100.0	60
28/09/03	15:00	0.26	1.2	0.000	0.382	32.6	45	0.10	1368	1	100.0	60
28/09/03	16:00	0.09	0.3	0.000	0.296	29.3	47	0.05	1368	1	100.0	60
28/09/03	17:00	0.00	0.0	0.000	0.255	27.6	47	0.03	1368	1	100.0	60
28/09/03	18:00	0.00	0.0	0.000	0.185	26.3	47	0.05	1368	1	100.0	60
28/09/03	19:00	0.00	0.0	0.000	0.139	24.7	48	0.03	1368	1	100.0	60
28/09/03	20:00	0.00	0.0	0.000	0.125	24.1	48	0.03	1368	1	100.0	60
28/09/03	21:00	0.00	0.0	0.000	0.086	23.2	48	0.00	1368	1	100.0	60
28/09/03	22:00	0.00	0.0	0.000	0.069	22.6	49	0.00	1368	1	100.0	60
28/09/03	23:00	0.00	0.0	0.000	0.044	21.9	49	0.00	1368	1	100.0	60
29/09/03	00:00	0.00	0.0	0.000	0.021	20.8	50	0.00	1368	1	100.0	60

## Ivinhema 29/09/03

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.
29/09/03	1:00	0.00	0.0	0.000	0.030	20.9	50	0.03	1369	1	100.0	60
29/09/03	2:00	0.00	0.0	0.000	0.007	20.8	50	0.03	1368	1	100.0	60
29/09/03	3:00	0.00	0.0	0.019	0.000	20.1	51	0.03	1368	1	100.0	60
29/09/03	4:00	0.00	0.0	0.042	0.000	19.6	51	0.00	1368	1	100.0	60
29/09/03	5:00	0.00	0.0	0.086	0.000	18.4	52	0.00	1368	1	100.0	60
29/09/03	6:00	0.00	0.3	0.067	0.000	18.1	52	0.03	1368	1	100.0	60
29/09/03	7:00	0.26	0.9	0.023	0.000	19.9	49	0.08	1368	1	100.0	60
29/09/03	8:00	0.64	3.0	0.000	0.030	22.8	43	0.15	1368	1	100.0	60
29/09/03	9:00	1.54	5.3	0.000	0.130	27.3	38	0.28	1368	1	100.0	60
29/09/03	10:00	2.79	7.3	0.000	0.222	31.9	34	0.46	1368	1	100.0	60
29/09/03	11:00	3.39	8.9	0.000	0.289	34.3	33	0.48	1368	1	100.0	60
29/09/03	12:00	3.60	9.4	0.000	0.329	35.4	33	0.53	1368	1	100.0	60
29/09/03	13:00	3.56	9.2	0.000	0.368	36.1	34	0.56	1368	1	100.0	60
29/09/03	14:00	2.70	7.7	0.000	0.389	36.4	35	0.53	1368	1	100.0	60
29/09/03	15:00	1.41	5.3	0.000	0.387	36.0	35	0.38	1368	1	100.0	60
29/09/03	16:00	0.73	2.7	0.000	0.368	35.9	35	0.33	1368	1	100.0	60
29/09/03	17:00	0.21	1.0	0.000	0.269	32.9	40	0.15	1368	1	100.0	60
29/09/03	18:00	0.00	0.0	0.000	0.155	27.2	44	0.05	1368	1	100.0	60
29/09/03	19:00	0.00	0.0	0.000	0.056	23.6	45	0.00	1368	1	100.0	60
29/09/03	20:00	0.00	0.0	0.000	0.000	21.5	45	0.00	1368	1	100.0	60
29/09/03	21:00	0.00	0.0	0.056	0.000	19.9	45	0.00	1368	1	100.0	60
29/09/03	22:00	0.00	0.0	0.069	0.000	18.8	46	0.00	1368	1	100.0	60
29/09/03	23:00	0.00	0.0	0.100	0.000	18.2	46	0.00	1368	1	100.0	60
30/09/03	00:00	0.00	0.0	0.123	0.000	17.4	46	0.00	1368	1	100.0	60

## Ivinhema 30/09/03

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.
30/09/03	1:00	0.00	0.0	0.134	0.000	16.9	46	0.00	1368	1	100.0	60
30/09/03	2:00	0.00	0.0	0.164	0.000	16.6	47	0.00	1368	1	100.0	60
30/09/03	3:00	0.00	0.0	0.208	0.000	15.7	47	0.00	1368	1	100.0	60
30/09/03	4:00	0.00	0.0	0.208	0.000	15.2	47	0.00	1368	1	100.0	60
30/09/03	5:00	0.00	0.0	0.218	0.000	15.1	48	0.00	1368	1	100.0	60
30/09/03	6:00	0.04	0.3	0.171	0.000	15.7	48	0.03	1332	1	97.4	60
30/09/03	7:00	0.30	1.2	0.095	0.000	18.5	46	0.10	1368	1	100.0	60
30/09/03	8:00	0.86	3.0	0.000	0.079	24.1	40	0.23	1368	1	100.0	60
30/09/03	9:00	1.80	5.4	0.000	0.160	28.3	37	0.36	1368	1	100.0	60
30/09/03	10:00	2.87	7.8	0.000	0.243	32.0	33	0.46	1368	1	100.0	60
30/09/03	11:00	3.69	9.1	0.000	0.315	34.8	32	0.53	1368	1	100.0	60
30/09/03	12:00	3.94	9.4	0.000	0.368	36.2	32	0.53	1368	1	100.0	60
30/09/03	13:00	3.56	9.0	0.000	0.417	36.9	34	0.53	1368	1	100.0	60
30/09/03	14:00	2.49	7.0	0.000	0.442	37.2	34	0.46	1368	1	100.0	60
30/09/03	15:00	1.54	4.8	0.000	0.449	37.5	34	0.41	1368	1	100.0	60
30/09/03	16:00	0.69	2.5	0.000	0.449	37.2	34	0.28	1368	1	100.0	60
30/09/03	17:00	0.21	0.9	0.000	0.428	35.9	37	0.13	1368	1	100.0	60
30/09/03	18:00	0.00	0.0	0.000	0.347	31.9	40	0.03	1368	1	100.0	60
30/09/03	19:00	0.00	0.0	0.000	0.255	27.8	42	0.00	1368	1	100.0	60
30/09/03	20:00	0.00	0.0	0.000	0.201	25.6	43	0.00	1368	1	100.0	60
30/09/03	21:00	0.00	0.0	0.000	0.144	24.0	43	0.00	1368	1	100.0	60
30/09/03	22:00	0.00	0.0	0.000	0.025	22.1	43	0.00	1368	1	100.0	60
30/09/03	23:00	0.00	0.0	0.000	0.000	20.8	44	0.00	1368	1	100.0	60
1/10/03	00:00	0.00	0.0	0.023	0.000	20.1	44	0.00	1368	1	100.0	60