

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
1/03/09	1:00	25.6	25.8	25.4	83	22.5	6.4	SSE	6.44	11.3	SSE	25.6	27.8	27.8	752.9	0.0	0.0	0	0.00	0	0.0
1/03/09	2:00	25.5	25.7	25.3	80	21.8	1.6	SSE	1.61	9.7	SSE	25.5	27.5	27.5	753.0	0.0	0.0	0	0.00	0	0.0
1/03/09	3:00	25.7	25.9	25.3	80	22.0	0.0	---	0.00	0.0	---	25.7	27.7	27.7	752.7	0.0	0.0	0	0.00	0	0.0
1/03/09	4:00	24.3	25.3	23.4	87	22.0	0.0	---	0.00	0.0	---	24.3	26.1	26.1	752.8	0.0	0.0	0	0.00	0	0.0
1/03/09	5:00	23.2	23.4	22.9	90	21.4	0.0	SSE	0.00	1.6	SSE	23.2	24.4	24.4	752.9	0.0	0.0	0	0.00	0	0.0
1/03/09	6:00	23.2	23.7	22.8	92	21.8	0.0	---	0.00	0.0	---	23.2	24.6	24.6	753.1	0.0	0.0	0	0.00	0	0.0
1/03/09	7:00	24.0	24.3	23.7	90	22.3	0.0	---	0.00	0.0	---	24.0	25.9	25.9	753.8	0.0	0.0	9	0.77	33	0.0
1/03/09	8:00	24.8	26.4	23.7	88	22.7	0.0	---	0.00	0.0	---	24.8	26.8	26.8	754.5	0.0	0.0	113	9.72	216	0.3
1/03/09	9:00	27.3	28.0	26.4	76	22.7	1.6	NE	1.61	11.3	NE	27.3	30.2	30.2	755.1	0.0	0.0	305	26.23	426	1.3
1/03/09	10:00	28.5	28.9	27.9	75	23.6	1.6	NE	1.61	11.3	NE	28.5	32.8	32.8	755.4	0.0	0.0	375	32.25	436	2.5
1/03/09	11:00	30.4	32.3	28.9	65	23.1	3.2	ENE	3.22	16.1	NNE	30.4	34.8	34.8	755.1	0.0	0.0	673	57.89	876	4.9
1/03/09	12:00	32.7	33.5	32.1	60	23.9	6.4	NE	6.44	19.3	NE	32.7	38.4	38.4	754.8	0.0	0.0	823	70.79	896	7.1
1/03/09	13:00	33.7	34.4	32.9	54	23.1	4.8	NE	4.83	19.3	NE	33.7	38.8	38.8	754.3	0.0	0.0	907	78.01	975	8.2
1/03/09	14:00	34.3	34.8	33.8	53	23.4	6.4	NE	6.44	20.9	N	34.3	39.9	39.9	753.7	0.0	0.0	879	75.60	954	7.7
1/03/09	15:00	34.3	34.9	33.4	51	22.7	9.7	NE	9.66	22.5	N	34.3	39.0	38.9	752.7	0.0	0.0	670	57.63	853	5.4
1/03/09	16:00	34.7	35.1	34.3	47	21.8	6.4	ENE	6.44	17.7	ENE	34.7	38.6	38.6	752.3	0.0	0.0	602	51.78	727	3.7
1/03/09	17:00	34.6	34.8	34.3	47	21.7	6.4	NE	6.44	16.1	N	34.6	38.4	38.4	751.9	0.0	0.0	459	39.48	524	1.9
1/03/09	18:00	33.6	34.4	32.5	53	22.7	1.6	ENE	1.61	16.1	NNE	33.6	38.2	38.2	751.9	0.0	0.0	148	12.73	382	0.7
1/03/09	19:00	31.4	32.4	30.8	60	22.7	0.0	ENE	0.00	4.8	ENE	31.4	35.9	35.9	751.8	0.0	0.0	17	1.46	40	0.1
1/03/09	20:00	28.6	30.8	27.4	73	23.3	1.6	ESE	1.61	8.0	ESE	28.6	32.7	32.7	752.1	0.0	0.0	0	0.00	0	0.0
1/03/09	21:00	27.3	27.7	26.8	74	22.3	1.6	ESE	1.61	8.0	ESE	27.3	30.1	30.1	752.1	0.0	0.0	0	0.00	0	0.0
1/03/09	22:00	28.2	28.9	26.9	69	22.0	3.2	ESE	3.22	9.7	ESE	28.2	31.2	31.2	752.9	0.0	0.0	0	0.00	0	0.0
1/03/09	23:00	27.8	28.1	27.3	68	21.3	0.0	ESE	0.00	3.2	ESE	27.8	30.2	30.2	753.2	0.0	0.0	0	0.00	0	0.0
2/03/09	00:00	27.6	28.0	27.2	77	23.2	1.6	N	1.61	12.9	NW	27.6	30.8	30.8	753.4	0.0	0.0	0	0.00	0	0.0

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2/03/09	1:00	27.1	27.8	25.9	78	22.9	0.0	ESE	0.00	8.0	ESE	27.1	30.0	30.0	753.2	0.0	0.0	0	0.00	0	0.0
2/03/09	2:00	25.0	25.9	24.6	83	21.9	1.6	ESE	1.61	8.0	ESE	25.0	27.0	27.0	753.1	0.0	0.0	0	0.00	0	0.0
2/03/09	3:00	24.4	24.8	24.1	86	21.9	4.8	ESE	4.83	9.7	SE	24.4	26.2	26.2	752.8	0.0	0.0	0	0.00	0	0.0
2/03/09	4:00	24.1	24.4	24.1	85	21.4	4.8	SE	4.83	9.7	SE	24.1	25.7	25.7	752.9	0.0	0.0	0	0.00	0	0.0
2/03/09	5:00	23.9	24.1	23.7	85	21.2	4.8	SE	4.83	8.0	SE	23.9	25.3	25.3	753.0	0.0	0.0	0	0.00	0	0.0
2/03/09	6:00	23.7	24.1	23.7	86	21.2	3.2	SE	3.22	8.0	SE	23.7	25.2	25.2	753.4	0.0	0.0	0	0.00	0	0.0
2/03/09	7:00	23.4	24.1	23.1	88	21.3	0.0	SE	0.00	1.6	SE	23.4	24.8	24.8	753.9	0.0	0.0	16	1.38	69	0.0
2/03/09	8:00	26.1	28.8	23.7	73	20.8	0.0	---	0.00	0.0	---	26.1	27.4	27.4	754.4	0.0	0.0	188	16.17	313	0.4
2/03/09	9:00	28.8	29.3	28.6	72	23.3	1.6	NNE	1.61	11.3	NNE	28.8	33.1	33.1	755.0	0.0	0.0	414	35.61	496	1.5
2/03/09	10:00	30.3	31.3	29.2	63	22.4	3.2	NNE	3.22	12.9	N	30.3	34.2	34.2	755.2	0.0	0.0	569	48.94	656	3.1
2/03/09	11:00	32.1	32.8	31.2	58	22.8	1.6	N	1.61	11.3	N	32.1	36.7	36.7	755.2	0.0	0.0	729	62.70	787	5.2
2/03/09	12:00	33.3	34.0	32.8	54	22.7	4.8	NNE	4.83	16.1	NNE	33.3	37.9	37.9	755.1	0.0	0.0	791	68.03	853	6.8
2/03/09	13:00	34.9	35.6	34.0	46	21.6	4.8	N	4.83	17.7	N	34.9	38.6	38.6	754.6	0.0	0.0	866	74.49	941	7.8
2/03/09	14:00	35.1	35.6	34.3	43	20.7	4.8	ENE	4.83	19.3	NE	35.1	38.2	38.2	754.0	0.0	0.0	824	70.87	955	7.0
2/03/09	15:00	35.6	36.0	35.2	40	19.9	6.4	NE	6.44	17.7	ENE	35.6	38.2	38.2	753.6	0.0	0.0	786	67.60	836	5.9
2/03/09	16:00	35.7	36.2	35.3	32	16.5	8.0	NE	8.05	17.7	NE	35.7	36.8	36.8	752.9	0.0	0.0	649	55.82	723	3.8
2/03/09	17:00	35.4	35.9	35.1	36	18.0	6.4	NE	6.44	19.3	ENE	35.4	37.0	37.0	752.5	0.0	0.0	469	40.34	560	2.0
2/03/09	18:00	34.6	35.1	34.1	37	17.7	3.2	NE	3.22	16.1	NE	34.6	35.9	35.9	752.7	0.0	0.0	274	23.57	370	0.8
2/03/09	19:00	32.8	34.1	31.1	47	20.0	0.0	ENE	0.00	8.0	NE	32.8	35.3	35.3	752.9	0.0	0.0	74	6.36	181	0.2
2/03/09	20:00	30.2	31.1	28.6	53	19.5	0.0	---	0.00	0.0	---	30.2	31.9	31.9	752.9	0.0	0.0	0	0.00	0	0.0
2/03/09	21:00	27.3	28.6	26.6	54	17.2	8.0	SE	8.05	11.3	SE	27.3	27.8	27.5	753.3	0.0	0.0	0	0.00	0	0.0
2/03/09	22:00	27.2	27.4	26.8	52	16.5	8.0	SE	8.05	12.9	SE	27.2	27.6	27.3	753.6	0.0	0.0	0	0.00	0	0.0
2/03/09	23:00	25.8	27.3	24.8	60	17.4	6.4	S	6.44	12.9	SE	25.8	26.5	26.5	753.5	0.0	0.0	0	0.00	0	0.0
3/03/09	00:00	25.1	25.7	24.2	62	17.3	4.8	SSE	4.83	11.3	SSE	25.1	25.4	25.4	753.4	0.0	0.0	0	0.00	0	0.0

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3/03/09	1:00	24.4	24.6	24.2	62	16.6	6.4	SSE	6.44	11.3	S	24.4	24.6	24.6	753.2	0.0	0.0	0	0.00	0	0.0
3/03/09	2:00	24.6	25.0	24.1	63	17.1	3.2	SSE	3.22	11.3	SSE	24.6	24.9	24.9	753.3	0.0	0.0	0	0.00	0	0.0
3/03/09	3:00	23.9	24.5	23.4	65	16.9	0.0	---	0.00	0.0	---	23.9	24.4	24.4	752.9	0.0	0.0	0	0.00	0	0.0
3/03/09	4:00	21.0	23.4	20.1	79	17.2	0.0	---	0.00	0.0	---	21.0	21.9	21.9	753.0	0.0	0.0	0	0.00	0	0.0
3/03/09	5:00	19.8	20.2	19.2	83	16.8	0.0	SSE	0.00	8.0	SSE	19.8	20.8	20.8	752.9	0.0	0.0	0	0.00	0	0.0
3/03/09	6:00	19.1	19.4	18.7	83	16.2	0.0	---	0.00	0.0	---	19.1	20.0	20.0	753.5	0.0	0.0	0	0.00	0	0.0
3/03/09	7:00	19.7	20.3	19.2	80	16.2	1.6	SSE	1.61	9.7	SSE	19.7	20.7	20.7	754.0	0.0	0.0	10	0.86	39	0.0
3/03/09	8:00	23.1	26.6	20.3	66	16.4	1.6	SSE	1.61	11.3	SSE	23.1	23.6	23.6	754.7	0.0	0.0	174	14.97	283	0.4
3/03/09	9:00	28.2	29.3	26.6	62	20.2	1.6	N	1.61	9.7	N	28.2	29.8	29.8	754.9	0.0	0.0	390	33.54	496	1.4
3/03/09	10:00	29.4	30.8	28.3	47	17.0	4.8	N	4.83	16.1	NNE	29.4	30.2	30.2	755.3	0.0	0.0	575	49.46	656	3.0
3/03/09	11:00	31.4	32.5	30.7	47	18.7	4.8	NE	4.83	14.5	ENE	31.4	33.2	33.2	755.3	0.0	0.0	717	61.67	774	4.9
3/03/09	12:00	32.9	33.5	32.3	46	19.8	3.2	N	3.22	16.1	N	32.9	35.2	35.2	754.9	0.0	0.0	813	69.93	845	6.5
3/03/09	13:00	34.5	35.7	33.5	27	12.8	4.8	NNE	4.83	16.1	ENE	34.5	33.9	33.9	754.2	0.0	0.0	870	74.83	915	7.4
3/03/09	14:00	35.5	35.9	34.9	24	11.8	6.4	NE	6.44	17.7	NE	35.5	34.8	34.8	753.6	0.0	0.0	870	74.83	890	7.1
3/03/09	15:00	35.7	36.2	35.3	29	14.9	4.8	NE	4.83	17.7	NE	35.7	36.1	36.1	753.2	0.0	0.0	785	67.52	852	5.7
3/03/09	16:00	35.8	36.3	35.5	29	15.0	3.2	NNE	3.22	16.1	NNE	35.8	36.4	36.4	752.8	0.0	0.0	648	55.74	720	3.7
3/03/09	17:00	35.5	35.9	35.1	30	15.3	3.2	NNE	3.22	16.1	NNE	35.5	36.0	36.0	752.6	0.0	0.0	469	40.34	565	1.9
3/03/09	18:00	34.4	35.5	33.2	40	18.8	1.6	E	1.61	11.3	NE	34.4	36.4	36.4	752.6	0.0	0.0	214	18.41	347	0.7
3/03/09	19:00	32.1	33.2	31.1	42	17.5	0.0	ENE	0.00	4.8	SE	32.1	33.3	33.3	752.6	0.0	0.0	48	4.13	104	0.1
3/03/09	20:00	29.4	31.2	26.9	58	20.3	1.6	SE	1.61	8.0	SE	29.4	31.6	31.6	752.7	0.0	0.0	2	0.17	11	0.0
3/03/09	21:00	26.5	27.1	26.1	57	17.3	3.2	SE	3.22	11.3	SE	26.5	27.2	27.2	753.0	0.0	0.0	0	0.00	0	0.0
3/03/09	22:00	25.7	26.4	25.2	60	17.4	1.6	SE	1.61	8.0	SE	25.7	26.4	26.4	753.2	0.0	0.0	0	0.00	0	0.0
3/03/09	23:00	25.4	26.0	24.7	58	16.5	1.6	S	1.61	11.3	SSE	25.4	25.7	25.7	753.0	0.0	0.0	0	0.00	0	0.0
4/03/09	00:00	25.6	26.0	24.9	56	16.1	1.6	S	1.61	9.7	S	25.6	25.9	25.9	752.7	0.0	0.0	0	0.00	0	0.0

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4/03/09	1:00	23.2	25.5	21.6	72	17.9	1.6	SE	1.61	11.3	SSE	23.2	24.2	24.2	752.3	0.0	0.0	0	0.00	0	0.0
4/03/09	2:00	21.2	21.7	20.8	75	16.6	0.0	SSE	0.00	9.7	SSE	21.2	21.7	21.7	752.2	0.0	0.0	0	0.00	0	0.0
4/03/09	3:00	20.7	21.3	20.2	77	16.5	0.0	SSE	0.00	1.6	SSE	20.7	21.4	21.4	752.0	0.0	0.0	0	0.00	0	0.0
4/03/09	4:00	19.9	20.2	19.3	78	15.9	0.0	SSE	0.00	6.4	SSE	19.9	20.7	20.7	751.7	0.0	0.0	0	0.00	0	0.0
4/03/09	5:00	19.7	19.9	19.1	78	15.8	3.2	SSE	3.22	11.3	SSE	19.7	20.5	20.5	751.8	0.0	0.0	0	0.00	0	0.0
4/03/09	6:00	19.2	19.9	18.9	77	15.1	0.0	SSE	0.00	4.8	SSE	19.2	19.8	19.8	751.9	0.0	0.0	0	0.00	0	0.0
4/03/09	7:00	19.0	20.6	17.9	80	15.5	1.6	SSE	1.61	9.7	SSE	19.0	19.8	19.8	752.4	0.0	0.0	14	1.20	46	0.0
4/03/09	8:00	21.7	25.6	18.9	70	16.0	0.0	SSE	0.00	8.0	SSE	21.7	21.7	21.7	752.9	0.0	0.0	178	15.31	290	0.4
4/03/09	9:00	26.7	27.3	25.6	65	19.5	0.0	NNE	0.00	9.7	N	26.7	28.0	28.0	753.4	0.0	0.0	393	33.80	491	1.4
4/03/09	10:00	28.4	29.5	27.3	63	20.7	3.2	NNE	3.22	12.9	N	28.4	30.5	30.5	753.7	0.0	0.0	575	49.46	653	3.1
4/03/09	11:00	30.9	32.2	29.5	54	20.5	4.8	NNE	4.83	16.1	NNE	30.9	33.6	33.6	753.6	0.0	0.0	727	62.53	809	5.1
4/03/09	12:00	33.2	34.2	32.1	43	19.0	3.2	N	3.22	12.9	N	33.2	35.1	35.1	753.5	0.0	0.0	849	73.02	882	6.9
4/03/09	13:00	34.9	35.3	34.1	31	15.3	1.6	N	1.61	12.9	ENE	34.9	35.2	35.2	753.2	0.0	0.0	890	76.55	901	7.7
4/03/09	14:00	35.6	36.0	35.2	31	15.8	1.6	N	1.61	12.9	NNW	35.6	36.3	36.3	752.7	0.0	0.0	868	74.66	890	7.2
4/03/09	15:00	36.2	36.6	35.9	31	16.4	1.6	N	1.61	12.9	N	36.2	37.4	37.4	752.5	0.0	0.0	785	67.52	834	5.7
4/03/09	16:00	36.3	36.8	36.0	28	14.9	1.6	NNW	1.61	11.3	N	36.3	36.9	36.9	752.1	0.0	0.0	652	56.08	728	3.7
4/03/09	17:00	36.4	36.6	36.2	28	15.0	0.0	N	0.00	11.3	NNW	36.4	37.0	37.0	752.0	0.0	0.0	474	40.77	567	1.9
4/03/09	18:00	35.9	36.6	35.2	34	17.6	0.0	N	0.00	3.2	N	35.9	37.7	37.7	751.8	0.0	0.0	269	23.14	373	0.8
4/03/09	19:00	34.4	35.3	31.9	46	21.1	0.0	---	0.00	0.0	---	34.4	37.8	37.8	751.8	0.0	0.0	67	5.76	164	0.2
4/03/09	20:00	27.6	31.9	25.4	66	20.6	3.2	SSE	3.22	9.7	SSE	27.6	29.5	29.5	751.9	0.0	0.0	1	0.09	5	0.0
4/03/09	21:00	24.7	25.4	23.8	71	19.1	1.6	SSE	1.61	11.3	SSE	24.7	25.8	25.8	752.3	0.0	0.0	0	0.00	0	0.0
4/03/09	22:00	23.9	24.4	23.3	72	18.6	6.4	SSE	6.44	11.3	SSE	23.9	24.9	24.9	752.8	0.0	0.0	0	0.00	0	0.0
4/03/09	23:00	23.7	24.6	23.2	66	17.0	3.2	SSE	3.22	9.7	SSE	23.7	24.3	24.3	752.9	0.0	0.0	0	0.00	0	0.0
5/03/09	00:00	24.0	25.2	22.4	72	18.6	1.6	SSE	1.61	9.7	SSE	24.0	25.0	25.0	752.8	0.0	0.0	0	0.00	0	0.0

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
5/03/09	1:00	22.5	22.9	22.2	73	17.4	1.6	SSE	1.61	8.0	SSE	22.5	23.2	23.2	752.3	0.0	0.0	0	0.00	0	0.0
5/03/09	2:00	22.9	23.8	22.3	68	16.7	3.2	SSE	3.22	9.7	SSE	22.9	23.6	23.6	752.0	0.0	0.0	0	0.00	0	0.0
5/03/09	3:00	23.5	24.1	22.5	72	18.2	0.0	---	0.00	0.0	---	23.5	24.5	24.5	751.7	0.0	0.0	0	0.00	0	0.0
5/03/09	4:00	21.7	23.2	20.9	72	16.5	1.6	SSE	1.61	8.0	SSE	21.7	21.9	21.9	751.6	0.0	0.0	0	0.00	0	0.0
5/03/09	5:00	20.7	22.5	20.1	80	17.1	0.0	SSE	0.00	8.0	SSE	20.7	21.7	21.7	752.0	0.0	0.0	0	0.00	0	0.0
5/03/09	6:00	19.7	20.2	19.4	84	16.9	0.0	SSE	0.00	4.8	SSE	19.7	20.7	20.7	752.4	0.0	0.0	0	0.00	0	0.0
5/03/09	7:00	20.6	21.6	19.8	84	17.8	1.6	SSE	1.61	8.0	SSE	20.6	21.6	21.6	752.9	0.0	0.0	13	1.12	56	0.0
5/03/09	8:00	23.9	26.8	21.6	77	19.6	1.6	S	1.61	11.3	S	23.9	24.9	24.9	753.1	0.0	0.0	169	14.54	271	0.3
5/03/09	9:00	27.9	28.7	26.8	58	18.9	0.0	N	0.00	8.0	N	27.9	29.0	29.0	753.5	0.0	0.0	376	32.34	475	1.3
5/03/09	10:00	29.6	30.7	28.7	58	20.4	0.0	N	0.00	1.6	N	29.6	31.8	31.8	753.7	0.0	0.0	566	48.68	651	3.0
5/03/09	11:00	31.5	32.4	30.7	52	20.5	0.0	N	0.00	9.7	N	31.5	34.4	34.4	753.5	0.0	0.0	726	62.44	790	5.0
5/03/09	12:00	33.7	34.8	32.4	41	18.6	1.6	NNW	1.61	9.7	N	33.7	35.6	35.6	753.0	0.0	0.0	836	71.91	869	6.7
5/03/09	13:00	35.2	35.9	34.8	38	18.8	4.8	NNW	4.83	19.3	NNW	35.2	37.1	37.1	752.6	0.0	0.0	885	76.12	894	7.6
5/03/09	14:00	36.3	36.9	35.5	34	18.0	4.8	NNW	4.83	19.3	NW	36.3	38.3	38.3	751.9	0.0	0.0	863	74.23	887	7.2
5/03/09	15:00	36.7	37.3	36.3	33	17.8	4.8	NNW	4.83	16.1	WSW	36.7	38.6	38.6	751.2	0.0	0.0	778	66.92	827	5.6
5/03/09	16:00	36.8	37.2	36.3	31	16.9	4.8	NW	4.83	17.7	NW	36.8	38.1	38.1	750.7	0.0	0.0	639	54.96	716	3.6
5/03/09	17:00	36.6	37.2	36.3	34	18.2	4.8	NW	4.83	17.7	WNW	36.6	38.7	38.7	750.5	0.0	0.0	454	39.05	551	1.8
5/03/09	18:00	35.7	36.4	35.2	38	19.2	1.6	NW	1.61	12.9	NW	35.7	38.1	38.1	750.7	0.0	0.0	243	20.90	357	0.7
5/03/09	19:00	34.7	35.1	33.1	44	20.7	0.0	NW	0.00	8.0	NW	34.7	37.8	37.8	750.8	0.0	0.0	58	4.99	141	0.1
5/03/09	20:00	29.3	33.0	27.6	59	20.4	4.8	S	4.83	9.7	S	29.3	31.4	31.4	750.9	0.0	0.0	0	0.00	0	0.0
5/03/09	21:00	26.8	27.6	26.3	61	18.6	6.4	SSE	6.44	11.3	SSE	26.8	27.8	27.8	751.3	0.0	0.0	0	0.00	0	0.0
5/03/09	22:00	26.4	27.3	24.9	69	20.3	0.0	SSE	0.00	8.0	SSE	26.4	27.8	27.8	751.6	0.0	0.0	0	0.00	0	0.0
5/03/09	23:00	24.6	24.9	24.3	73	19.4	6.4	SSE	6.44	11.3	SSE	24.6	25.8	25.8	751.7	0.0	0.0	0	0.00	0	0.0
6/03/09	00:00	24.9	26.2	24.4	68	18.6	4.8	SSE	4.83	11.3	SSE	24.9	25.7	25.7	751.5	0.0	0.0	0	0.00	0	0.0

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
6/03/09	1:00	26.0	26.8	25.2	69	19.9	0.0	SW	0.00	9.7	SW	26.0	27.1	27.1	751.3	0.0	0.0	0	0.00	0	0.0
6/03/09	2:00	24.8	25.3	24.4	74	19.9	3.2	SW	3.22	11.3	SSW	24.8	26.2	26.2	751.1	0.0	0.0	0	0.00	0	0.0
6/03/09	3:00	25.2	25.4	24.8	73	20.0	4.8	S	4.83	9.7	S	25.2	26.5	26.5	750.7	0.0	0.0	0	0.00	0	0.0
6/03/09	4:00	24.7	25.0	24.5	76	20.2	3.2	S	3.22	8.0	S	24.7	26.2	26.2	750.7	0.0	0.0	0	0.00	0	0.0
6/03/09	5:00	24.1	24.9	23.4	81	20.6	0.0	SSE	0.00	9.7	SSE	24.1	25.4	25.4	751.0	0.0	0.0	0	0.00	0	0.0
6/03/09	6:00	22.9	23.6	22.3	84	20.0	0.0	SSE	0.00	6.4	SSE	22.9	23.9	23.9	751.6	0.0	0.0	0	0.00	0	0.0
6/03/09	7:00	22.3	22.7	22.0	86	19.9	1.6	SSE	1.61	8.0	SSE	22.3	23.3	23.3	752.2	0.0	0.0	10	0.86	33	0.0
6/03/09	8:00	24.7	27.3	22.4	83	21.6	0.0	SSE	0.00	1.6	SSE	24.7	26.4	26.4	752.9	0.0	0.0	144	12.39	253	0.3
6/03/09	9:00	28.4	30.2	27.3	69	22.2	0.0	N	0.00	11.3	N	28.4	31.6	31.6	753.3	0.0	0.0	350	30.10	424	1.2
6/03/09	10:00	31.1	31.9	30.2	65	23.7	0.0	N	0.00	11.3	SSW	31.1	36.2	36.2	753.4	0.0	0.0	546	46.96	628	2.8
6/03/09	11:00	33.1	34.0	31.8	58	23.7	1.6	N	1.61	9.7	N	33.1	38.7	38.7	753.3	0.0	0.0	695	59.78	783	4.7
6/03/09	12:00	34.6	35.2	34.0	52	23.3	4.8	NW	4.83	17.7	NW	34.6	40.0	40.0	752.9	0.0	0.0	835	71.82	883	6.5
6/03/09	13:00	35.8	36.3	34.7	46	22.4	6.4	NW	6.44	20.9	NW	35.8	40.8	40.8	752.3	0.0	0.0	908	78.10	936	7.4
6/03/09	14:00	36.4	36.8	35.9	40	20.6	6.4	NW	6.44	19.3	NW	36.4	39.8	39.8	751.7	0.0	0.0	874	75.17	901	7.1
6/03/09	15:00	36.8	37.2	36.2	39	20.6	6.4	NW	6.44	20.9	NW	36.8	40.3	40.3	751.2	0.0	0.0	780	67.09	834	5.6
6/03/09	16:00	36.3	36.9	34.4	47	23.2	6.4	NW	6.44	17.7	WNW	36.3	42.6	42.6	750.6	0.0	0.0	473	40.68	734	3.0

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.
1/03/09	1:00	0.00	0.0	0.000	0.303	26.5	70	0.03	1366	1	99.9	60
1/03/09	2:00	0.00	0.0	0.000	0.299	26.3	70	0.03	1368	1	100.0	60
1/03/09	3:00	0.00	0.0	0.000	0.306	25.9	70	0.00	1368	1	100.0	60
1/03/09	4:00	0.00	0.0	0.000	0.250	25.3	70	0.00	1368	1	100.0	60
1/03/09	5:00	0.00	0.0	0.000	0.201	24.3	71	0.00	1368	1	100.0	60
1/03/09	6:00	0.00	0.0	0.000	0.201	23.8	72	0.00	1368	1	100.0	60
1/03/09	7:00	0.00	0.0	0.000	0.236	24.1	72	0.00	1368	1	100.0	60
1/03/09	8:00	0.13	0.8	0.000	0.271	25.4	71	0.08	1369	1	100.0	60
1/03/09	9:00	0.56	2.0	0.000	0.373	29.3	68	0.20	1368	1	100.0	60
1/03/09	10:00	1.07	2.9	0.000	0.424	32.7	60	0.25	1368	1	100.0	60
1/03/09	11:00	2.10	6.8	0.000	0.502	35.6	55	0.46	1368	1	100.0	60
1/03/09	12:00	3.04	7.7	0.000	0.600	39.3	52	0.61	1368	1	100.0	60
1/03/09	13:00	3.51	8.6	0.000	0.639	40.4	52	0.66	1368	1	100.0	60
1/03/09	14:00	3.30	8.2	0.000	0.667	41.4	52	0.66	1368	1	100.0	60
1/03/09	15:00	2.31	6.8	0.000	0.664	40.9	53	0.53	1368	1	100.0	60
1/03/09	16:00	1.59	4.7	0.000	0.683	41.0	53	0.48	1368	1	100.0	60
1/03/09	17:00	0.81	2.7	0.000	0.678	40.8	53	0.38	1369	1	100.0	60
1/03/09	18:00	0.30	1.3	0.000	0.634	39.3	58	0.13	1368	1	100.0	60
1/03/09	19:00	0.04	0.3	0.000	0.546	34.5	62	0.03	1368	1	100.0	60
1/03/09	20:00	0.00	0.0	0.000	0.428	31.0	64	0.03	1368	1	100.0	60
1/03/09	21:00	0.00	0.0	0.000	0.375	28.7	65	0.03	1368	1	100.0	60
1/03/09	22:00	0.00	0.0	0.000	0.412	28.4	65	0.03	1368	1	100.0	60
1/03/09	23:00	0.00	0.0	0.000	0.394	28.4	65	0.00	1368	1	100.0	60
2/03/09	00:00	0.00	0.0	0.000	0.384	28.0	66	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.
2/03/09	1:00	0.00	0.0	0.000	0.366	27.7	65	0.00	1366	1	99.9	60
2/03/09	2:00	0.00	0.0	0.000	0.278	26.4	67	0.00	1368	1	100.0	60
2/03/09	3:00	0.00	0.0	0.000	0.252	25.4	67	0.03	1368	1	100.0	60
2/03/09	4:00	0.00	0.0	0.000	0.241	25.1	67	0.03	1369	1	100.0	60
2/03/09	5:00	0.00	0.0	0.000	0.231	24.7	67	0.03	1368	1	100.0	60
2/03/09	6:00	0.00	0.0	0.000	0.225	24.5	68	0.00	1368	1	100.0	60
2/03/09	7:00	0.00	0.0	0.000	0.213	24.3	68	0.03	1368	1	100.0	60
2/03/09	8:00	0.17	0.8	0.000	0.322	26.6	66	0.13	1368	1	100.0	60
2/03/09	9:00	0.64	2.2	0.000	0.438	32.4	60	0.28	1368	1	100.0	60
2/03/09	10:00	1.33	4.2	0.000	0.498	35.9	53	0.41	1368	1	100.0	60
2/03/09	11:00	2.23	6.0	0.000	0.572	38.9	51	0.51	1368	1	100.0	60
2/03/09	12:00	2.91	7.6	0.000	0.623	40.4	50	0.58	1369	1	100.0	60
2/03/09	13:00	3.34	8.2	0.000	0.690	41.6	50	0.63	1368	1	100.0	60
2/03/09	14:00	3.00	7.9	0.000	0.699	42.1	49	0.61	1368	1	100.0	60
2/03/09	15:00	2.53	6.8	0.000	0.720	42.0	49	0.63	1368	1	100.0	60
2/03/09	16:00	1.63	4.9	0.000	0.725	42.1	48	0.56	1368	1	100.0	60
2/03/09	17:00	0.86	2.8	0.000	0.711	41.6	47	0.43	1368	1	100.0	60
2/03/09	18:00	0.34	1.2	0.000	0.676	40.5	47	0.23	1368	1	100.0	60
2/03/09	19:00	0.09	0.4	0.000	0.604	38.0	53	0.08	1368	1	100.0	60
2/03/09	20:00	0.00	0.0	0.000	0.493	32.4	56	0.03	1368	1	100.0	60
2/03/09	21:00	0.00	0.0	0.000	0.373	29.1	58	0.05	1369	1	100.0	60
2/03/09	22:00	0.00	0.0	0.000	0.370	28.1	58	0.08	1368	1	100.0	60
2/03/09	23:00	0.00	0.0	0.000	0.310	27.2	58	0.05	1368	1	100.0	60
3/03/09	00:00	0.00	0.0	0.000	0.282	25.9	58	0.05	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.
3/03/09	1:00	0.00	0.0	0.000	0.252	25.1	58	0.05	1366	1	99.9	60
3/03/09	2:00	0.00	0.0	0.000	0.262	24.8	59	0.03	1368	1	100.0	60
3/03/09	3:00	0.00	0.0	0.000	0.231	24.1	58	0.00	1368	1	100.0	60
3/03/09	4:00	0.00	0.0	0.000	0.111	22.4	59	0.00	1368	1	100.0	60
3/03/09	5:00	0.00	0.0	0.000	0.060	20.9	60	0.00	1368	1	100.0	60
3/03/09	6:00	0.00	0.0	0.000	0.032	19.9	60	0.00	1368	1	100.0	60
3/03/09	7:00	0.00	0.0	0.000	0.058	19.9	61	0.03	1369	1	100.0	60
3/03/09	8:00	0.17	0.8	0.000	0.197	22.6	60	0.13	1368	1	100.0	60
3/03/09	9:00	0.60	2.1	0.000	0.410	29.4	56	0.25	1368	1	100.0	60
3/03/09	10:00	1.29	3.9	0.000	0.463	34.0	46	0.43	1368	1	100.0	60
3/03/09	11:00	2.10	5.8	0.000	0.544	37.4	44	0.53	1368	1	100.0	60
3/03/09	12:00	2.79	7.0	0.000	0.609	39.5	43	0.58	1368	1	100.0	60
3/03/09	13:00	3.17	7.7	0.000	0.674	40.8	42	0.66	1368	1	100.0	60
3/03/09	14:00	3.04	7.4	0.000	0.715	41.7	42	0.71	1368	1	100.0	60
3/03/09	15:00	2.44	6.6	0.000	0.722	42.0	43	0.63	1368	1	100.0	60
3/03/09	16:00	1.59	4.6	0.000	0.729	42.4	43	0.53	1369	1	100.0	60
3/03/09	17:00	0.81	2.7	0.000	0.715	41.9	44	0.38	1368	1	100.0	60
3/03/09	18:00	0.30	1.2	0.000	0.669	40.7	44	0.18	1368	1	100.0	60
3/03/09	19:00	0.04	0.4	0.000	0.572	36.2	50	0.05	1368	1	100.0	60
3/03/09	20:00	0.00	0.0	0.000	0.463	31.6	51	0.03	1368	1	100.0	60
3/03/09	21:00	0.00	0.0	0.000	0.340	28.4	53	0.03	1368	1	100.0	60
3/03/09	22:00	0.00	0.0	0.000	0.308	26.8	53	0.03	1331	1	97.3	60
3/03/09	23:00	0.00	0.0	0.000	0.294	25.7	54	0.03	1307	1	95.5	60
4/03/09	00:00	0.00	0.0	0.000	0.301	25.4	54	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.
4/03/09	1:00	0.00	0.0	0.000	0.204	24.6	53	0.03	1366	1	99.9	60
4/03/09	2:00	0.00	0.0	0.000	0.120	22.6	54	0.00	1369	1	100.0	60
4/03/09	3:00	0.00	0.0	0.000	0.100	21.6	55	0.00	1368	1	100.0	60
4/03/09	4:00	0.00	0.0	0.000	0.065	20.8	55	0.00	1368	1	100.0	60
4/03/09	5:00	0.00	0.0	0.000	0.058	20.3	55	0.03	1368	1	100.0	60
4/03/09	6:00	0.00	0.0	0.000	0.037	19.8	55	0.00	1368	1	100.0	60
4/03/09	7:00	0.00	0.0	0.000	0.028	19.4	56	0.03	1368	1	100.0	60
4/03/09	8:00	0.17	0.8	0.000	0.141	21.7	56	0.10	1368	1	100.0	60
4/03/09	9:00	0.60	2.1	0.000	0.347	28.3	53	0.25	1368	1	100.0	60
4/03/09	10:00	1.33	4.0	0.000	0.421	33.0	43	0.41	1368	1	100.0	60
4/03/09	11:00	2.19	6.2	0.000	0.523	36.8	41	0.53	1369	1	100.0	60
4/03/09	12:00	2.96	7.5	0.000	0.620	39.5	41	0.61	1368	1	100.0	60
4/03/09	13:00	3.30	7.8	0.000	0.692	41.5	40	0.63	1368	1	100.0	60
4/03/09	14:00	3.09	7.6	0.000	0.718	42.3	41	0.63	1368	1	100.0	60
4/03/09	15:00	2.44	6.6	0.000	0.743	42.8	42	0.58	1368	1	100.0	60
4/03/09	16:00	1.59	4.7	0.000	0.750	42.9	42	0.48	1368	1	100.0	60
4/03/09	17:00	0.81	2.7	0.000	0.752	42.6	43	0.36	1368	1	100.0	60
4/03/09	18:00	0.34	1.2	0.000	0.734	41.8	43	0.20	1368	1	100.0	60
4/03/09	19:00	0.09	0.4	0.000	0.669	38.9	47	0.08	1368	1	100.0	60
4/03/09	20:00	0.00	0.0	0.000	0.384	31.9	51	0.03	1369	1	100.0	60
4/03/09	21:00	0.00	0.0	0.000	0.266	27.1	53	0.03	1368	1	100.0	60
4/03/09	22:00	0.00	0.0	0.000	0.234	25.3	53	0.03	1368	1	100.0	60
4/03/09	23:00	0.00	0.0	0.000	0.225	24.4	53	0.03	1368	1	100.0	60
5/03/09	00:00	0.00	0.0	0.000	0.236	24.4	53	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.
5/03/09	1:00	0.00	0.0	0.000	0.174	23.4	54	0.00	1366	1	99.9	60
5/03/09	2:00	0.00	0.0	0.000	0.192	23.1	54	0.03	1368	1	100.0	60
5/03/09	3:00	0.00	0.0	0.000	0.215	23.3	53	0.00	1368	1	100.0	60
5/03/09	4:00	0.00	0.0	0.000	0.141	22.4	55	0.00	1368	1	100.0	60
5/03/09	5:00	0.00	0.0	0.000	0.097	21.8	54	0.00	1368	1	100.0	60
5/03/09	6:00	0.00	0.0	0.000	0.058	20.8	55	0.00	1369	1	100.0	60
5/03/09	7:00	0.00	0.0	0.000	0.093	20.9	55	0.03	1368	1	100.0	60
5/03/09	8:00	0.13	0.7	0.000	0.231	24.1	55	0.10	1368	1	100.0	60
5/03/09	9:00	0.56	2.0	0.000	0.400	29.7	52	0.25	1331	1	97.3	60
5/03/09	10:00	1.29	3.9	0.000	0.468	34.5	43	0.38	1368	1	100.0	60
5/03/09	11:00	2.14	6.0	0.000	0.549	38.3	40	0.51	1368	1	100.0	60
5/03/09	12:00	2.87	7.4	0.000	0.639	40.4	40	0.58	1368	1	100.0	60
5/03/09	13:00	3.26	7.7	0.000	0.704	41.9	39	0.69	1368	1	100.0	60
5/03/09	14:00	3.09	7.6	0.000	0.750	42.5	40	0.69	1369	1	100.0	60
5/03/09	15:00	2.40	6.5	0.000	0.766	42.9	39	0.63	1368	1	100.0	60
5/03/09	16:00	1.54	4.6	0.000	0.769	42.9	39	0.53	1368	1	100.0	60
5/03/09	17:00	0.77	2.6	0.000	0.762	42.5	39	0.41	1368	1	100.0	60
5/03/09	18:00	0.30	1.1	0.000	0.725	41.3	39	0.20	1368	1	100.0	60
5/03/09	19:00	0.04	0.4	0.000	0.683	38.8	44	0.05	1368	1	100.0	60
5/03/09	20:00	0.00	0.0	0.000	0.456	32.9	47	0.05	1368	1	100.0	60
5/03/09	21:00	0.00	0.0	0.000	0.352	28.8	49	0.05	1368	1	100.0	60
5/03/09	22:00	0.00	0.0	0.000	0.338	27.4	49	0.03	1368	1	100.0	60
5/03/09	23:00	0.00	0.0	0.000	0.262	26.1	50	0.03	1369	1	100.0	60
6/03/09	00:00	0.00	0.0	0.000	0.275	25.7	50	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.
6/03/09	1:00	0.00	0.0	0.000	0.319	26.3	50	0.03	1366	1	99.9	60
6/03/09	2:00	0.00	0.0	0.000	0.271	25.8	50	0.03	1368	1	100.0	60
6/03/09	3:00	0.00	0.0	0.000	0.287	25.9	51	0.03	1368	1	100.0	60
6/03/09	4:00	0.00	0.0	0.000	0.266	25.7	51	0.03	1368	1	100.0	60
6/03/09	5:00	0.00	0.0	0.000	0.241	25.1	51	0.00	1368	1	100.0	60
6/03/09	6:00	0.00	0.0	0.000	0.190	23.9	52	0.00	1368	1	100.0	60
6/03/09	7:00	0.00	0.0	0.000	0.167	23.2	52	0.03	1368	1	100.0	60
6/03/09	8:00	0.13	0.7	0.000	0.264	24.9	52	0.10	1368	1	100.0	60
6/03/09	9:00	0.51	1.8	0.000	0.419	30.6	49	0.23	1369	1	100.0	60
6/03/09	10:00	1.20	3.7	0.000	0.530	35.9	41	0.38	1368	1	100.0	60
6/03/09	11:00	2.01	5.6	0.000	0.613	39.4	40	0.48	1368	1	100.0	60
6/03/09	12:00	2.79	7.2	0.000	0.676	41.4	39	0.63	1368	1	100.0	60
6/03/09	13:00	3.17	7.6	0.000	0.727	42.4	38	0.71	1368	1	100.0	60
6/03/09	14:00	3.04	7.5	0.000	0.752	42.9	38	0.71	1368	1	100.0	60
6/03/09	15:00	2.40	6.4	0.000	0.769	43.1	38	0.63	1368	1	100.0	60
6/03/09	16:00	1.29	4.6	0.000	0.748	42.8	40	0.43	1368	1	100.0	60