

August 2013

DAY	TEMPERATURE (°C)						WINDS (km/h)			BAROMETRIC PRESSURE (mb)					
	Maximum	Time	Minimum	Time	Mean	Range	Max Gust	Time	Daily Ave Wind	Maximum	Time	Minimum	Time	Mean	Range
1	28.2	15:58	15.9	3:23	22.1	12.3	20.9	11:54	3.2	1011.3	2:00	1007.5	7:37	1009.4	3.8
2	26.6	13:51	14.5	6:27	20.6	12.1	29.0	18:25	2.4	1011.0	7:56	1007.9	19:53	1009.5	3.1
3	26.4	15:28	15.7	7:00	21.1	10.7	29.0	18:30	5.7	1013.9	1:49	1009.2	2:00	1011.6	4.7
4	23.3	16:18	13.8	1:52	18.6	9.5	32.2	15:52	6.2	1018.3	0:09	1013.6	2:18	1016.0	4.7
5	25.6	16:40	12.4	6:47	19.0	13.2	27.4	15:23	4.9	1018.9	9:14	1015.1	23:02	1017.0	3.8
6	25.7	14:46	16.1	7:11	20.9	9.6	19.3	18:59	2.5	1016.4	10:29	1013.0	1:59	1014.7	3.4
7	29.0	17:27	18.6	6:26	23.8	10.4	32.2	17:38	5.6	1013.3	4:25	1008.5	18:14	1010.9	4.8
8	29.8	14:29	20.2	1:57	25.0	9.6	20.9	15:00	3.6	1013.5	12:56	1010.7	2:12	1012.1	2.8
9	29.6	17:16	18.8	7:24	24.2	10.8	24.1	19:31	4.7	1013.5	1:54	1010.1	17:34	1011.8	3.4
10	25.7	18:17	14.9	7:20	20.3	10.8	30.6	14:32	4.3	1018.6	1:45	1013.4	2:00	1016.0	5.2
11	25.9	15:33	12.3	6:31	19.1	13.6	27.4	13:16	3.4	1019.6	8:51	1015.3	19:45	1017.5	4.3
12	24.9	16:06	13.9	6:16	19.4	11.0	14.1	16:14	3.3	1016.3	2:00	1008.3	1:23	1012.3	8.0
13	22.0	13:10	12.3	0:49	17.2	9.7	38.6	16:33	6.3	1011.5	21:44	1006.6	4:41	1009.1	4.9
14	22.8	15:59	12.9	2:00	17.9	9.9	35.4	11:06	7.7	1018.6	0:27	1010.7	2:01	1014.7	7.9
15	25.4	17:03	11.9	6:52	18.7	13.5	24.1	15:32	2.7	1019.3	8:29	1016.6	16:49	1018.0	2.7
16	27.4	17:07	12.1	6:49	19.8	15.3	24.1	15:09	4.2	1022.5	1:53	1018.7	2:00	1020.6	3.8
17	28.6	17:32	14.4	7:12	21.5	14.2	20.9	15:19	2.7	1025.0	10:40	1022.5	2:00	1023.8	2.5
18	29.0	17:20	14.5	7:04	21.8	14.5	17.7	14:25	2.7	1023.4	8:57	1018.2	1:50	1020.8	5.2
19	30.1	16:56	15.6	7:02	22.9	14.5	25.7	13:25	3.4	1018.5	8:10	1015.0	18:42	1016.8	3.5
20	31.6	15:31	17.6	6:59	24.6	14.0	24.1	14:28	3.6	1018.6	0:30	1016.2	2:00	1017.4	2.4
21	32.2	15:17	19.8	6:13	26.0	12.4	25.7	13:22	5.2	1019.4	8:45	1014.1	1:59	1016.8	5.3
22	29.4	17:04	18.4	1:59	23.9	11.0	33.8	17:29	5.1	1015.8	1:20	1011.9	16:37	1013.9	3.9
23	26.3	17:08	15.8	7:17	21.1	10.5	17.7	14:38	2.1	1023.0	1:55	1015.7	2:00	1019.4	7.3
24	26.2	16:36	14.1	7:02	20.2	12.1	20.9	13:13	3.2	1027.2	11:01	1022.9	2:04	1025.1	4.3
25	28.3	14:20	13.5	7:06	20.9	14.8	24.1	21:54	3.8	1026.4	7:06	1016.7	1:47	1021.6	9.7
26	25.6	18:15	20.2	1:59	22.9	5.4	30.6	13:39	2.8	1017.9	10:41	1012.1	16:01	1015.0	5.8
27	29.9	16:34	18.7	6:21	24.3	11.2	16.1	19:13	1.5	1013.1	1:06	1010.2	18:23	1011.7	2.9
28	29.8	16:02	21.3	7:28	25.6	8.5	17.7	14:44	0.9	1014.0	23:27	1009.7	4:13	1011.9	4.3
29	31.4	15:39	20.4	7:06	25.9	11.0	16.1	14:38	2.3	1016.8	11:59	1014.0	2:00	1015.4	2.8
30	31.1	16:02	19.8	7:23	25.5	11.3	27.4	16:17	4.2	1014.1	2:46	1004.7	23:48	1009.4	9.4
31	26.3	14:58	20.2	1:58	23.3	6.1	12.9	4:52	1.5	1010.0	22:51	1004.7	2:56	1007.4	5.3

Mean	27.6	16:06	16.1	6:49	21.9		24.5		3.7	1017.4		1012.7		1015.1	
		(median time)		(median time)											
Maximum	32.2		21.3		26.0	15.3	38.6		7.7	1027.2		1022.9		1025.1	9.7
Minimum	22.0		11.9		17.2	5.4			0.9	1010.0		1004.7		1007.4	2.4
Sum															

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RELATIVE HUMIDITY (%)							SUNSHINE						
Maximum	Time	Minimum	Time	Mean	Range	Maximum Dewpoint	Hi Solar Radiation (W/m2)	Time	Hi Solar Energy (Langley)	Max UV Index	Time	Daily UV Radiation Dose (MED)	Bright Sunshine Hours (Threshold 120 W/m2)
99	7:21	48	16:01	73.5	51	18.7	1065	13:38	1.53	7.9	12:58	9.3	7.10
93	7:14	46	13:51	69.5	47	19.1	1009	13:47	1.45	7.1	13:48	7.3	4.82
89	7:14	44	17:25	66.5	45	14.7	1069	14:16	1.53	7.8	13:17	7.3	5.20
88	7:21	44	16:55	66.0	44	14.1	977	14:27	1.40	7.8	13:20	10.7	6.33
90	7:00	41	16:10	65.5	49	14.0	907	13:53	1.30	7.1	13:46	10.6	6.02
89	1:52	57	17:09	73.0	32	17.8	898	13:50	1.29	7.7	13:15	11.9	9.28
96	6:55	65	16:19	80.5	31	22.1	828	15:34	1.19	6.6	14:41	8.0	9.02
91	7:12	58	14:28	74.5	33	21.1	900	14:37	1.29	7.4	13:51	9.9	7.10
78	9:17	44	14:35	61.0	34	17.5	875	14:07	1.25	7.7	13:37	10.7	6.27
80	1:24	42	16:12	61.0	38	15.1	998	14:17	1.43	8.2	13:05	10.4	5.33
88	3:45	49	15:34	68.5	39	16.1	997	15:13	1.43	8.2	13:28	6.7	5.55
91	0:46	62	12:11	76.5	29	19.1	1011	14:52	1.45	6.4	14:36	7.6	8.17
96	6:53	53	12:45	74.5	43	17.9	1027	14:25	1.47	7.5	13:33	7.1	6.35
87	3:16	42	17:49	64.5	45	11.5	879	14:30	1.26	6.5	13:59	7.1	4.47
85	7:50	42	17:03	63.5	43	13.0	963	14:46	1.38	7.1	13:51	7.1	6.55
89	7:59	45	17:43	67.0	44	16.3	789	14:38	1.13	5.9	13:17	8.4	6.47
86	7:38	35	17:35	60.5	51	17.1	812	14:42	1.16	6.0	13:52	8.8	4.40
93	7:51	46	17:04	69.5	47	18.8	884	14:39	1.25	6.3	13:41	8.4	4.62
91	7:22	43	16:02	67.0	48	17.1	807	14:56	1.16	6.1	13:20	7.7	5.13
89	7:07	45	15:32	67.0	44	19.4	761	14:37	1.09	5.6	13:44	9.0	5.50
86	6:33	49	15:18	67.5	37	21.5	773	14:41	1.11	5.2	13:30	7.7	6.25
81	8:01	40	18:09	60.5	41	21.5	754	14:31	1.08	6.1	14:02	8.5	8.58
85	5:10	45	18:26	65.0	40	15.2	809	14:31	1.16	6.1	13:32	5.6	4.48
93	4:28	46	17:02	69.5	47	15.9	805	14:30	1.15	6.3	13:43	5.9	4.25
96	8:17	50	14:21	73.0	46	20.0	717	15:10	1.03	5.0	14:06	5.4	5.05
98	14:34	59	2:09	78.5	39	22.9	795	14:34	1.14	6.2	14:33	3.4	3.25
95	3:28	62	15:56	78.5	33	21.9	780	15:50	1.12				
95	9:00	59	17:43	77.0	36	22.8	721	14:35	1.03	6.3	13:54	9.5	8.67
92	8:04	55	15:46	73.5	37	21.9	737	14:32	1.06	6.0	14:05	8.1	4.27
93	8:29	55	15:14	74.0	38	21.7	807	14:33	1.16	6.2	14:02	7.6	6.98
92	1:07	71	15:02	81.5	21	21.3	886	14:46	1.27	5.6	14:46	6.0	6.88

90.1	7:14	49.7	16:02	69.9			872	14:34		6.7	13:45	8.06	6.08
	(median time)		(median time)					(median time)			(median time)		
99		71		81.5	51	22.9	1069		1.53	8.2		11.90	9.28
78		35		60.5	21		717		1.03	5.0		3.35	3.25
													182.33

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APPARENT TEMPERATURE								DEGREE DAYS		PRECIPITATION (mm)		EVAPOTRANSPIRATION (mm)
Min WindChill	Time	Max. Humidex	Time	Max THWS Index	Time	Min THWS Index	Time	Heating	Cooling	Rain	Max. Rainfall Rate	Daily Total
15.9	3:23	33.7	19:04	36.9	19:04	15.1	3:23	0.6	2.8	22.8	22.0	2.7
14.5	6:27	31.4	14:53	32.6	14:58	12.9	5:50	0.8	2.1	6.0	111.8	1.9
15.7	5:49	29.9	15:25	33.1	15:31	14.3	1:58	0.8	2.3	0.0	0.0	2.8
13.8	1:52	26.2	15:11	29.0	15:39	12.3	1:50	1.3	1.2	0.0	0.0	3.5
12.4	6:47	27.7	16:40	30.9	16:37	11.2	6:42	1.5	2.2	0.0	0.0	3.4
16.1	7:11	31.4	14:45	32.6	14:51	15.1	6:48	0.3	2.9	0.0	0.0	3.1
18.6	6:26	38.3	17:37	37.9	17:27	18.2	4:30	0.0	4.6	1.6	7.8	2.7
20.2	1:57	38.2	14:26	38.7	14:26	19.2	1:57	0.0	5.5	0.0	0.0	2.5
18.8	7:24	34.3	17:15	35.9	17:15	17.9	6:43	0.0	4.9	0.0	0.0	3.3
14.6	7:13	28.6	18:17	31.8	16:28	13.3	6:45	0.7	2.0	0.0	0.0	3.0
12.3	6:31	29.7	15:23	32.8	15:23	10.9	6:31	1.4	2.3	0.0	0.0	2.1
13.9	6:16	31.0	17:42	31.8	14:54	12.6	6:14	0.9	2.7	0.0	0.0	1.9
11.6	1:06	25.5	2:27	26.9	14:26	9.9	1:06	1.6	0.7	T	0.0	1.9
11.4	6:15	24.5	15:57	28.0	16:20	10.0	6:15	1.9	1.0	0.0	0.0	2.9
11.9	6:51	27.6	17:17	31.1	17:04	10.1	6:37	1.7	2.2	0.0	0.0	2.3
12.1	6:49	31.3	17:06	33.2	17:06	10.7	6:39	1.5	3.3	0.0	0.0	2.8
14.4	7:12	32.0	14:55	34.2	14:55	13.1	6:31	0.9	3.1	0.0	0.0	2.6
14.5	7:04	34.4	15:40	35.9	16:15	13.2	6:57	0.8	4.2	0.0	0.0	2.4
15.6	7:02	34.8	16:56	36.5	16:56	14.5	6:36	0.4	5.6	0.0	0.0	2.7
17.6	6:59	37.9	16:53	39.4	15:33	16.8	6:46	0.0	6.9	0.0	0.0	2.5
19.8	6:13	40.5	15:06	41.7	15:21	19.4	6:13	0.0	7.3	0.0	0.0	2.8
18.4	1:59	37.3	14:46	37.7	14:46	17.0	1:59	0.0	6.3	0.0	0.0	2.9
15.8	7:17	30.1	17:08	32.1	15:57	14.2	6:50	0.5	2.7	0.0	0.0	2.4
14.1	7:02	30.1	15:50	32.3	15:38	12.8	6:24	1.1	2.6	0.0	0.0	2.5
13.5	7:02	34.5	15:11	35.4	15:10	12.4	7:01	1.0	4.0	2.2	18.2	1.8
20.3	1:49	35.8	18:15	32.2	18:08	20.6	1:49	0.0	3.6	31.0	110.8	0.8
18.7	6:21					18.5	6:21			11.4	59.0	
21.3	7:29	38.8	16:01	39.2	15:58	21.5	6:43	0.0	6.2	0.0	0.0	2.1
20.4	7:06	40.4	16:04	41.2	15:39	20.6	7:00	0.0	6.6	0.0	0.0	2.3
19.8	7:23	39.7	16:02	40.4	16:03	19.6	6:24	0.0	6.4	0.8	5.2	2.4
20.2	1:58	34.6	15:07	34.3	14:58	20.2	1:58	0.0	4.7	0.0	0.0	1.4

Mean												
		40.5	41.7						31.0	111.8	3.5	Maximum
11.4					9.9						0.8	Minimum
									19.9	112.9	75.8	Sum
											74.3	