

JULY 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	24.4	16:19	17.2	6:21	20.8	7.2	22.5	15:45	2.3	1018.4	22:09	1013.6	3:15	1016.0	4.8
2	24.3	16:14	16.9	7:30	20.6	7.4	17.7	7:59	1.5	1018.8	21:54	1016.7	17:06	1017.8	2.1
3	30.4	16:37	17.4	3:28	23.9	13.0	35.4	1:10	1.5	1020.5	9:32	1017.6	3:27	1019.1	2.9
4	30.4	17:30	20.7	7:02	25.6	9.7	27.4	16:05	4.6	1020.4	9:32	1017.5	18:20	1019.0	2.9
5	26.5	19:18	20.9	1:54	23.7	5.6	17.7	13:24	1.9	1019.1	9:32	1016.1	18:20	1017.6	3.0
6	31.2	15:07	19.3	6:36	25.3	11.9	20.9	15:30	3.4	1019.4	8:57	1015.0	20:22	1017.2	4.4
7	27.6	12:59	21.4	1:53	24.5	6.2	29.0	13:19	3.6	1016.2	2:11	1012.2	17:22	1014.2	4.0
8	31.7	15:36	20.3	17:11	26.0	11.4	33.8	17:05	3.2	1016.8	18:32	1013.4	16:22	1015.1	3.4
9	24.9	16:56	20.2	7:13	22.6	4.7	14.5	16:25	2.1	1015.7	2:04	1009.0	1:53	1012.4	6.7
10	33.1	14:59	18.1	1:54	25.6	15.0	32.2	21:10	7.0	1010.2	1:16	1004.1	16:07	1007.2	6.1
11	26.7	16:47	16.1	6:34	21.4	10.6	24.1	3:11	5.8	1016.8	1:51	1009.7	2:30	1013.3	7.1
12	26.8	16:42	16.2	6:37	21.5	10.6	24.1	13:15	1.2	1021.4	23:49	1016.7	2:02	1019.1	4.7
13	29.4	16:42	15.9	5:52	22.7	13.5	17.7	13:16	1.1	1023.8	1:46	1021.2	2:00	1022.5	2.6
14	33.3	17:03	19.1	5:01	26.2	14.2	17.7	17:37	2.1	1025.2	9:29	1022.6	19:18	1023.9	2.6
15	34.7	17:09	22.1	6:34	28.4	12.6	19.3	15:34	2.6	1025.1	8:43	1022.3	19:54	1023.7	2.8
16	34.7	17:04	23.2	6:15	29.0	11.5	24.1	15:38	2.9	1024.5	8:49	1020.9	1:52	1022.7	3.6
17	37.1	17:01	24.4	6:16	30.8	12.7	32.2	17:38	3.6	1021.7	6:35	1016.5	18:45	1019.1	5.2
18	35.6	17:37	25.2	4:46	30.4	10.4	20.9	18:09	3.0	1017.2	2:00	1010.2	1:54	1013.7	7.0
19	36.2	14:50	21.4	18:45	28.8	14.8	46.7	18:07	8.5	1010.3	2:00	1003.1	16:39	1006.7	7.2
20	30.8	15:24	19.6	1:56	25.2	11.2	24.1	16:59	5.4	1012.1	1:57	1003.7	3:07	1007.9	8.4
21	25.1	17:55	16.6	6:41	20.9	8.5	17.7	11:22	1.4	1016.4	11:25	1012.0	2:01	1014.2	4.4
22	24.4	15:28	15.7	6:18	20.1	8.7	19.3	11:22	0.8	1014.7	2:13	1006.4	1:59	1010.6	8.3
23	28.7	15:58	16.4	6:44	22.6	12.3	30.6	17:30	5.6	1006.8	1:56	1001.0	17:17	1003.9	5.8
24	23.8	17:17	13.3	6:39	18.6	10.5	33.8	3:29	5.3	1016.9	0:20	1006.8	2:00	1011.9	10.1
25	25.4	17:28	12.9	6:39	19.2	12.5	25.7	13:36	2.7	1019.7	11:43	1016.8	2:01	1018.3	2.9
26	25.4	17:36	13.5	6:41	19.5	11.9	19.3	12:50	1.4	1019.5	8:57	1013.9	1:41	1016.7	5.6
27	22.9	14:01	16.4	4:01	19.7	6.5	35.4	16:07	2.2	1013.9	2:00	1006.8	1:45	1010.4	7.1
28	24.2	16:24	15.6	1:53	19.9	8.6	32.2	15:07	6.7	1013.7	23:34	1006.4	2:56	1010.1	7.3
29	23.0	18:07	14.5	4:37	18.8	8.5	20.9	18:52	3.4	1020.4	1:36	1013.3	2:00	1016.9	7.1
30	25.4	15:36	13.9	6:41	19.7	11.5	22.5	14:10	2.0	1021.8	10:54	1019.6	19:07	1020.7	2.2
31	26.1	15:20	14.2	6:38	20.2	11.9	14.5	15:33	1.6	1019.7	6:38	1011.2	1:56	1015.5	8.5

Mean	28.5	16:42	18.0	6:27	23.3		25.0		3.2	1018.0		1012.8		1015.4	
		(median time)		(median time)											
Maximum	37.1		25.2		30.8	15.0	46.7		8.5	1025.2		1022.6		1023.9	10.1
Minimum	22.9		12.9		18.6	4.7			0.8	1006.8		1001.0		1003.9	2.1
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)
69	8:42	51	15:31	60.0	18	14.2	860	15:30	1.23	6.0	14:59	7.6	9.88
90	1:31	63	2:00	76.5	27	17.6	1005	14:32	1.44	8.0	12:32	12.5	11.08
96	7:02	63	16:30	79.5	33	22.9	884	13:23	1.27	8.4	13:21	14.1	9.60
97	7:27	63	18:10	80.0	34	23.1	872	14:54	1.19	9.5	13:54	11.7	9.88
95	14:58	79	19:30	87.0	16	23.0	554	16:48	0.79	5.5	15:01	5.6	5.95
97	7:26	49	15:34	73.0	48	23.1	958	13:05	1.37	8.9	13:07	10.4	7.97
99	20:55	74	12:57	86.5	25	23.2	1051	12:53	1.51	9.3	12:51	7.2	5.65
100	0:04	59	14:56	79.5	41	24.1	963	14:54	1.38	7.6	14:27	11.4	6.82
100	8:25	81	18:08	90.5	19	23.1	584	17:07	0.84	3.6	16:58	6.5	8.85
97	6:39	51	14:58	74.0	46	24.3	1042	13:09	1.49	8.8	13:47	11.7	7.75
84	1:24	56	16:47	70.0	28	18.6	1053	14:29	1.51	8.0	13:45	10.0	8.32
88	6:47	58	16:44	73.0	30	18.6	904	13:30	1.30	8.0	13:20	10.4	7.07
91	7:07	53	12:02	72.0	38	20.2	918	13:36	1.32	8.6	13:36	12.7	6.93
93	7:25	53	17:06	73.0	40	23.0	919	13:11	1.31	9.0	13:18	12.3	6.63
91	3:58	46	18:18	68.5	45	23.5	926	13:15	1.33	8.4	13:25	12.4	7.00
86	6:37	48	11:59	67.0	38	23.8	900	14:59	1.29	7.7	13:01	12.0	6.12
88	7:11	50	15:37	69.0	38	26.6	983	14:10	1.41	7.8	14:04	12.6	7.68
87	7:10	50	17:56	68.5	37	25.8	810	13:30	1.16	6.9	12:44	7.6	6.62
94	19:36	48	14:49	71.0	46	25.1	974	14:28	1.40	8.1	13:24	9.6	5.32
96	3:36	41	17:25	68.5	55	21.5	919	13:24	1.32	8.2	13:24	12.2	7.90
89	1:45	57	16:57	73.0	32	16.6	900	13:38	1.29	8.0	13:32	11.5	6.10
94	7:35	50	18:16	72.0	44	19.8	747	15:23	1.07	6.6	12:50	9.8	9.63
92	7:32	60	15:59	76.0	32	22.0	666	13:39	0.95	8.1	12:27	7.0	6.48
79	1:32	45	16:23	62.0	34	13.1	1020	14:00	1.46	8.4	14:00	9.6	6.12
89	7:07	41	17:25	65.0	48	14.3	940	13:28	1.35	7.9	13:30	8.7	5.58
93	6:56	51	15:50	72.0	42	16.1	1081	13:44	1.55	8.9	13:44	9.5	6.40
96	21:55	80	14:28	88.0	16	20.3	225	12:01	0.32	2.8	12:01	4.3	6.10
94	2:00	48	14:34	71.0	46	19.5	1120	14:33	1.61	8.3	13:25	8.2	4.70
89	13:28	61	18:08	75.0	28	16.2	1067	14:22	1.53	7.6	14:41	6.2	5.42
92	6:57	56	15:05	74.0	36	17.3	1095	14:22	1.57	8.1	13:29	8.8	7.12
97	23:27	54	15:16	75.5	43	18.1	977	15:00	1.40	7.6	12:47	7.1	3.37

91.7	7:07	56.1	16:11	73.9			901	14:00		7.7	13:25	9.71	7.10
	(median time)		(median time)					(median time)			(median time)		
100		81		90.5	55	26.6	1120		1.61	9.5		14.07	11.08
69		41		60.0	16		225		0.32	2.8		4.28	3.37

220.03

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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
17.2	6:21	27.6	15:16	30.5	15:20	15.5	5:41	0.1	2.1	0.0	0.0	2.5
16.9	7:30	29.9	16:14	31.3	16:14	15.6	6:45	0.3	1.9	0.0	0.0	3.1
17.4	3:28	40.4	16:28	41.1	16:28	16.6	3:28	0.0	4.4	2.4	17.4	3.1
20.7	7:02	40.8	17:30	41.2	17:30	21.2	6:01	0.0	6.1	0.6	1.2	3.1
20.9	1:54	36.6	19:19	34.8	18:14	21.2	1:54	0.0	4.9	6.0	35.8	1.3
19.3	6:36	40.5	17:36	41.8	17:01	19.1	5:23	0.0	6.5	0.2	0.0	2.7
21.4	1:53	37.6	12:59	36.6	12:54	22.2	1:42	0.0	4.9	39.6	121.1	1.5
19.0	17:05	42.2	15:36	42.7	15:34	19.6	17:05	0.0	5.2	62.4	274.2	2.7
20.2	7:12	34.8	16:56	34.8	17:11	20.7	6:29	0.0	4.4	0.2	0.0	1.4
17.7	0:44	43.1	13:23	43.6	13:23	16.8	0:44	0.0	6.9	1.0	12.8	3.1
15.8	6:41	32.4	17:19	34.7	17:28	14.6	6:41	0.4	3.0	0.0	0.0	2.9
16.2	6:26	33.2	16:26	33.8	18:19	15.1	5:49	0.3	3.3	0.0	0.0	2.9
15.9	5:52	36.6	16:40	37.4	16:41	14.7	5:51	0.4	5.1	0.0	0.0	3.4
19.1	5:02	43.4	17:01	45.0	17:01	18.7	5:11	0.0	6.8	0.0	0.0	3.5
22.1	6:34	44.6	16:57	46.6	15:23	22.2	5:30	0.0	10.0	0.0	0.0	3.9
23.3	6:41	45.2	17:01	47.2	17:01	23.6	6:08	0.0	10.8	0.0	0.0	3.5
24.4	6:16	50.1	17:01	54.3	16:32	25.4	5:45	0.0	12.6	0.0	0.0	3.8
25.2	4:49	47.8	17:35	51.3	17:35	26.4	4:57	0.0	11.8	0.2	0.0	2.4
21.4	18:19	47.3	14:51	49.7	14:48	21.8	18:19	0.0	9.7	18.2	160.0	2.9
19.6	1:56	36.8	15:21	38.3	15:21	18.4	1:56	0.0	6.4	1.4	9.4	3.7
16.6	6:41	29.8	16:41	31.3	16:37	15.1	6:22	0.3	2.0	0.4	0.8	2.8
15.7	6:15	31.0	11:46	31.2	15:26	14.6	5:44	0.5	2.7	0.0	0.0	2.0
15.3	0:33	37.1	14:06	36.2	15:56	14.1	0:33	0.4	3.4	2.8	73.4	1.9
12.0	4:30	26.1	17:45	29.8	16:41	10.1	4:30	1.8	1.1	0.0	0.0	3.4
12.9	6:39	27.6	17:28	30.7	19:06	11.6	6:31	1.4	2.1	0.0	0.0	3.6
13.5	6:31	28.6	17:46	30.9	16:55	12.2	5:58	1.1	2.4	0.0	0.0	2.6
16.4	4:02	30.5	15:29	25.8	12:10	15.4	3:54	0.3	1.8	13.0	88.0	0.9
15.6	1:53	27.7	2:14	30.1	15:10	14.2	1:53	0.6	1.5	0.0	0.0	3.1
14.5	4:39	27.2	18:07	29.9	17:56	13.0	4:39	1.3	0.8	0.6	0.0	1.7
13.9	6:37	30.8	15:37	32.0	14:26	12.7	6:37	0.9	2.4	0.0	0.0	2.0
14.2	6:38	31.0	15:19	32.5	15:04	12.8	6:27	1.1	2.0	13.8	8.4	1.3

												Mean		
		50.1			54.3					62.4	274.2	3.9	Maximum	
12.0												0.9	Minimum	
								11.1	149.1	162.8			82.5	Sum