

October 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	25.3	15:55	11.3	7:40	18.3	14.0	24.1	15:02	4.5	1016.2	9:45	1011.2	21:37	1013.7	5.0
2	26.9	15:29	12.1	1:58	19.5	14.8	29.0	16:21	4.1	1018.4	1:28	1011.6	3:46	1015.0	6.8
3	23.3	16:36	8.8	7:36	16.1	14.5	14.5	14:42	1.1	1019.8	9:54	1015.2	1:54	1017.5	4.6
4	16.5	16:55	15.3	0:36	15.9	1.2	9.7	16:55	0.3	1018.3	21:34	1014.6	5:19	1016.5	3.7
5	17.7	13:51	13.3	8:20	15.5	4.4	12.9	19:02	0.6	1019.6	9:35	1015.1	1:04	1017.4	4.5
6	19.2	1:55	14.1	5:14	16.7	5.1	17.7	8:11	0.9	1015.1	2:00	1003.3	1:38	1009.2	11.8
7	19.5	2:21	10.1	1:28	14.8	9.4	45.1	15:59	6.4	1018.5	1:48	1002.2	3:25	1010.4	16.3
8	19.2	16:10	7.8	6:31	13.5	11.4	17.7	16:25	1.9	1027.2	1:42	1018.5	2:00	1022.9	8.7
9	19.3	15:03	6.6	7:04	13.0	12.7	16.1	12:51	1.0	1028.9	10:33	1024.4	1:50	1026.7	4.5
10	20.1	14:22	7.9	1:39	14.0	12.2	16.1	14:22	0.5	1024.9	10:02	1020.8	0:47	1022.9	4.1
11	21.2	15:24	6.3	5:38	13.8	14.9	16.1	11:18	0.7	1022.2	10:30	1020.1	16:13	1021.2	2.1
12	20.8	15:25	6.6	7:59	13.7	14.2	12.9	14:10	0.6	1022.3	9:05	1019.9	18:26	1021.1	2.4
13	16.0	14:29	10.7	1:59	13.4	5.3	19.3	22:58	1.1	1025.4	1:08	1020.7	2:01	1023.1	4.7
14	18.8	14:58	8.2	8:17	13.5	10.6	14.5	13:54	1.9	1027.5	9:38	1024.8	15:39	1026.2	2.7
15	17.9	14:48	6.8	6:59	12.4	11.1	19.3	14:38	1.6	1025.1	2:00	1010.8	1:50	1018.0	14.3
16	20.7	15:33	12.0	1:38	16.4	8.7	38.6	16:35	7.4	1010.8	2:00	1005.3	16:31	1008.1	5.5
17	17.8	13:44	10.8	1:38	14.3	7.0	19.3	19:06	3.7	1010.7	10:40	1004.8	23:04	1007.8	5.9
18	16.5	16:11	8.8	0:03	12.7	7.7	32.2	11:38	4.2	1011.3	21:49	1005.7	2:00	1008.5	5.6
19	11.7	12:01	5.9	23:30	8.8	5.8	17.7	22:12	2.2	1010.5	2:12	1003.9	17:04	1007.2	6.6
20	14.8	14:58	3.4	8:16	9.1	11.4	30.6	16:12	2.9	1014.1	21:29	1007.0	0:01	1010.6	7.1
21	15.5	15:02	8.1	2:00	11.8	7.4	35.4	13:05	7.3	1013.0	2:00	1006.8	1:24	1009.9	6.2
22	9.4	16:32	4.7	8:38	7.1	4.7	35.4	16:11	7.2	1009.9	21:37	1006.9	2:00	1008.4	3.0
23	9.1	15:11	2.6	1:51	5.9	6.5	25.7	16:34	3.5	1009.3	22:43	1006.1	2:23	1007.7	3.2
24	9.7	13:21	1.9	7:48	5.8	7.8	35.4	10:28	5.0	1018.0	1:59	1008.2	3:44	1013.1	9.8
25	9.6	16:01	2.7	7:34	6.2	6.9	30.6	18:11	4.2	1022.1	10:30	1016.1	1:58	1019.1	6.0
26	6.9	4:59	4.1	1:26	5.5	2.8	41.8	11:53	10.1	1016.5	2:13	1006.5	14:37	1011.5	10.0
27	9.4	13:59	2.4	5:12	5.9	7.0	27.4	14:26	3.0	1016.6	21:44	1010.3	2:00	1013.5	6.3
28	9.5	15:58	-0.2	1:50	4.7	9.7	29.0	9:14	3.5	1030.8	1:56	1015.5	2:01	1023.2	15.3
29	8.1	14:52	-2.0	7:32	3.1	10.1	16.1	13:55	1.3	1032.7	11:47	1024.8	1:46	1028.8	7.9
30	11.6	15:14	3.9	2:06	7.8	7.7	14.5	14:11	0.6	1025.0	9:54	1016.7	1:58	1020.9	8.3
31	16.2	15:42	5.9	2:55	11.1	10.3	41.8	18:41	6.7	1016.7	2:00	987.8	1:59	1002.3	28.9

Mean	16.1	15:03	7.1	5:14	11.6		24.4		3.2	1019.3		1011.8		1015.5	
		(median time)		(median time)											
Maximum	26.9		15.3		19.5	14.9	45.1		10.1	1032.7		1024.8		1028.8	28.9
Minimum	6.9		-2.0		3.1	1.2			0.3	1009.3		987.8		1002.3	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)
94	9:54	53	15:43	73.5	41	17.5	615	13:54	0.88	4.3	13:54	5.0	3.85
88	4:59	27	16:45	57.5	61	16.6	643	13:47	0.92	4.3	13:47	3.4	3.78
89	1:53	33	16:48	61.0	56	15.0	647	14:13	0.91	4.0	14:10	4.2	3.90
94	9:05	82	16:50	88.0	12	15.5	135	16:46	0.19	1.5	13:24	1.3	0.08
89	8:09	66	13:54	77.5	23	13.0	295	13:49	0.42	2.8	13:49	3.2	5.18
95	12:19	72	3:06	83.5	23	18.1	134	14:17	0.19	1.3	14:17	0.6	0.07
95	5:46	50	15:41	72.5	45	18.1	700	15:07	1.00	3.1	14:21	3.1	4.45
92	6:43	49	16:16	70.5	43	9.8	721	14:04	1.03	3.2	14:12	3.2	4.45
93	9:29	47	14:17	70.0	46	11.7	624	13:40	0.89	3.5	13:40	2.6	3.65
95	9:58	54	13:35	74.5	41	13.4	613	13:45	0.88	3.5	13:38	2.3	3.48
87	8:58	40	17:11	63.5	47	10.0	605	13:40	0.87	3.6	13:40	2.7	3.65
90	8:53	55	16:15	72.5	35	14.2	589	13:38	0.84	3.6	13:38	2.7	3.68
95	17:57	74	2:00	84.5	21	15.1	76	12:55	0.11	0.9	12:55	0.0	0.00
94	7:03	57	14:58	75.5	37	11.6	705	14:06	1.01	3.4	13:53	2.7	2.02
93	8:54	67	14:57	80.0	26	14.8	582	14:38	0.83	3.3	14:07	3.9	4.00
94	9:21	60	19:41	77.0	34	17.0	457	14:58	0.66	2.6	12:52	3.0	3.25
92	20:50	58	13:59	75.0	34	11.5	677	13:33	0.97	3.6	13:33	3.5	2.92
91	6:08	46	16:17	68.5	45	8.9	661	14:13	0.95	2.8	13:43	2.5	2.83
92	18:45	67	11:53	79.5	25	7.5	169	13:15	0.24	1.4	13:15	0.6	0.40
92	9:13	42	16:29	67.0	50	7.1	599	14:47	0.86	2.4	13:55	2.4	3.35
93	23:45	68	17:03	80.5	25	10.0	250	14:45	0.36	1.6	14:19	2.4	3.80
84	2:24	52	13:05	68.0	32	5.5	497	15:11	0.71	1.8	15:10	2.8	5.27
89	7:07	47	17:46	68.0	42	3.3	659	13:45	0.94	2.8	13:35	2.3	3.47
85	7:57	56	15:34	70.5	29	2.6	675	13:18	0.97	2.5	13:30	2.6	3.02
92	7:00	52	15:42	72.0	40	3.1	468	15:54	0.67	2.2	13:30	1.7	1.68
90	9:38	55	3:43	72.5	35	3.5	158	14:37	0.23	1.3	14:17	0.7	0.90
92	8:59	56	14:09	74.0	36	3.1	687	13:48	0.98	2.5	13:39	2.4	3.07
77	8:19	36	14:20	56.5	41	3.1	564	13:15	0.81	2.9	13:27	1.9	3.50
88	1:49	54	11:23	71.0	34	2.2	649	14:27	0.93	2.6	13:20	2.3	2.88
94	8:59	62	15:07	78.0	32	5.8	538	14:09	0.70	2.2	13:58	2.8	3.50
96	12:17	84	17:35	90.0	12	14.2	163	13:51	0.23	1.4	13:51	1.0	0.87

91.1	8:58	55.5	15:34	73.3			502	14:04		2.7	13:43	2.44	2.93
	(median time)		(median time)					(median time)			(median time)		
96		84		90.0	61	18.1	721		1.03	4.3		4.96	5.27
77		27		56.5	12		76		0.11	0.9		0.00	0.00
													90.95

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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
11.3	7:40	29.9	16:00	30.7	15:35	10.1	7:36	2.0	1.6	0.0	0.0	1.8
12.1	1:58	28.1	14:30	31.7	14:30	10.1	1:54	0.8	2.5	0.0	0.0	2.5
8.8	7:35	23.4	14:48	27.6	15:22	7.2	7:19	2.7	1.0	6.2	86.0	1.8
15.3	0:36	20.7	8:54	18.1	16:46	14.1	0:22	2.6	0.0	5.2	22.2	0.6
13.3	8:19	19.7	13:51	20.3	13:49	12.0	7:59	2.6	0.0	2.4	43.2	1.0
14.1	5:14	25.0	0:01	19.0	1:59	12.7	6:14	2.0	0.0	2.6	21.8	0.4
9.8	1:01	25.5	2:21	20.8	15:55	8.3	1:01	4.4	0.1	12.2	26.8	1.4
7.3	6:34	20.2	16:10	23.8	15:07	5.8	6:34	6.1	0.0	0.0	0.0	1.3
6.6	7:04	20.4	16:01	24.1	15:02	5.1	7:04	6.0	0.0	0.0	0.0	1.3
7.6	1:37	22.3	14:22	25.7	14:22	5.9	1:37	5.8	0.1	0.0	0.0	0.9
6.2	4:32	22.1	14:36	25.6	14:36	4.5	4:32	5.9	0.4	0.0	0.0	1.4
6.6	7:59	23.6	15:18	25.8	15:06	4.9	7:26	4.3	0.3	0.0	0.0	1.3
10.7	1:57	19.9	18:48	15.9	17:57	9.3	1:57	3.6	0.0	16.2	39.0	0.4
8.2	8:17	20.2	14:55	23.9	14:55	6.9	8:03	5.8	0.0	0.0	0.0	0.9
6.8	6:59	20.5	0:15	23.6	14:48	5.3	6:06	4.6	0.0	0.0	0.0	1.1
11.3	1:11	25.9	15:33	26.2	15:46	9.7	1:11	1.7	0.3	8.0	33.2	1.2
10.1	0:26	19.3	13:39	23.2	13:39	8.8	0:26	5.1	0.0	11.2	49.6	0.9
7.4	9:25	16.0	16:11	19.8	16:11	6.6	9:25	6.5	0.0	0.4	0.0	1.1
3.8	23:55	11.4	11:24	12.1	13:15	2.1	23:55	10.2	0.0	9.0	6.2	0.4
2.3	7:47	14.5	14:56	19.4	14:57	0.7	7:47	10.7	0.0	0.0	0.0	1.1
7.7	2:32	16.7	15:02	17.7	14:45	6.1	2:32	6.2	0.0	12.0	8.6	1.1
1.8	10:25	7.5	2:07	12.2	16:04	0.2	8:23	11.5	0.0	0.2	0.0	1.4
0.3	1:54	7.0	13:47	13.2	13:44	-1.7	1:58	12.7	0.0	0.0	0.0	1.0
-0.9	7:40	8.2	13:21	14.7	13:20	-2.8	7:40	13.1	0.0	0.0	0.0	0.9
1.5	9:00	7.6	15:26	13.5	15:56	0.0	8:07	12.7	0.0	0.2	0.0	0.8
-0.1	13:23	5.0	22:02	4.9	15:11	-1.4	8:18	12.9	0.0	19.6	11.4	0.8
0.8	5:36	7.8	13:59	13.9	13:49	-1.0	5:36	11.5	0.0	0.0	0.0	0.8
-0.2	1:50	6.5	15:58	13.3	14:15	-2.3	1:37	12.8	0.0	0.0	0.0	1.5
-2.7	7:56	5.8	14:42	13.1	14:21	-4.8	7:26	15.2	0.0	0.4	0.0	1.0
3.9	2:06	11.2	14:10	16.6	14:09	2.2	2:06	11.7	0.0	0.0	0.0	0.8
5.9	2:55	19.6	15:50	17.3	13:51	4.3	2:55	6.3	0.0	17.2	25.4	0.5

Mean											
29.9		31.7		19.6		86.0		2.5		Maximum	
-2.7		-4.8		0.4		Minimum					
220.2				6.2		123.0		33.1		Sum	