

September 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	26.4	15:34	19.5	6:20	23.0	6.9	20.9	15:40	0.9	1010.3	8:29	1006.2	1:22	1008.3	4.1
2	26.4	15:31	16.3	1:52	21.4	10.1	30.6	18:03	4.2	1008.3	0:58	1004.3	12:25	1006.3	4.0
3	23.2	17:35	14.8	1:06	19.0	8.4	24.1	16:11	4.4	1013.2	22:51	1007.9	3:15	1010.6	5.3
4	27.6	14:40	13.2	5:55	20.4	14.4	30.6	17:30	4.8	1015.9	1:40	1012.5	15:50	1014.2	3.4
5	19.6	15:49	9.7	1:52	14.7	9.9	30.6	8:30	4.8	1024.1	23:07	1015.7	2:29	1019.9	8.4
6	23.6	16:27	7.1	7:01	15.4	16.5	20.9	14:49	4.0	1025.4	8:52	1016.9	1:44	1021.2	8.5
7	20.1	17:05	15.5	10:01	17.8	4.6	27.4	12:39	3.4	1017.0	2:01	1010.5	0:20	1013.8	6.5
8	21.9	16:57	11.8	1:49	16.9	10.1	29.0	10:16	3.6	1019.5	1:21	1011.4	2:21	1015.5	8.1
9	21.7	15:51	10.2	6:58	16.0	11.5	17.7	13:54	1.3	1020.0	5:45	1012.4	1:57	1016.2	7.6
10	34.2	15:28	17.5	2:58	25.9	16.7	24.3	15:10	5.1	1013.6	1:13	1010.4	5:41	1012.0	3.2
11	33.0	15:52	21.3	1:11	27.2	11.7	25.7	14:11	4.7	1014.5	7:04	1009.9	1:00	1012.2	4.6
12	24.7	13:33	15.0	1:43	19.9	9.7	33.8	13:48	5.0	1010.3	2:17	1006.1	17:13	1008.2	4.2
13	15.0	2:00	10.0	1:51	12.5	5.0	33.8	13:19	6.8	1018.1	1:34	1009.0	3:05	1013.6	9.1
14	19.8	15:20	5.9	7:27	12.9	13.9	17.7	15:52	2.4	1020.5	9:57	1017.6	18:25	1019.1	2.9
15	19.9	14:11	11.1	6:26	15.5	8.8	25.7	18:36	4.0	1019.6	9:58	1016.6	13:52	1018.1	3.0
16	16.2	16:50	7.2	1:13	11.7	9.0	25.7	8:55	3.6	1029.6	1:46	1017.5	2:05	1023.6	12.1
17	17.2	15:54	5.1	7:22	11.2	12.1	17.7	15:01	1.2	1032.1	9:08	1024.6	1:04	1028.4	7.5
18	22.3	16:59	6.7	6:52	14.5	15.6	17.7	14:20	2.1	1024.7	2:00	1018.7	1:16	1021.7	6.0
19	23.7	16:34	9.7	6:18	16.7	14.0	25.7	15:20	2.9	1019.2	10:09	1015.1	1:33	1017.2	4.1
20	25.1	17:00	15.1	4:47	20.1	10.0	25.7	13:59	4.9	1015.1	2:00	1004.6	1:57	1009.9	10.5
21	20.3	2:00	10.5	0:49	15.4	9.8	24.1	19:44	4.1	1007.9	1:57	1002.1	14:06	1005.0	5.8
22	13.2	15:21	8.3	7:40	10.8	4.9	29.0	10:00	4.9	1018.3	1:47	1007.9	2:00	1013.1	10.4
23	18.1	15:48	7.6	7:53	12.9	10.5	22.5	15:48	2.2	1021.5	11:23	1018.2	2:02	1019.9	3.3
24	21.0	16:22	6.1	7:40	13.6	14.9	12.9	14:01	1.1	1021.7	8:09	1016.1	0:21	1018.9	5.6
25	23.2	15:47	7.9	7:40	15.6	15.3	14.5	13:58	1.4	1016.6	10:40	1013.9	16:39	1015.3	2.7
26	22.3	15:59	8.9	7:27	15.6	13.4	16.1	14:03	1.3	1021.5	1:57	1015.8	2:23	1018.7	5.7
27	20.4	15:34	10.3	7:42	15.4	10.1	16.1	17:00	0.9	1025.1	12:36	1021.4	2:00	1023.3	3.7
28	20.7	14:15	10.2	6:12	15.5	10.5	19.3	13:49	1.0	1025.4	10:20	1019.7	23:56	1022.6	5.7
29	22.3	14:02	12.3	6:37	17.3	10.0	24.1	10:46	2.8	1019.6	2:00	1014.4	0:48	1017.0	5.2
30	19.9	17:09	16.4	0:00	18.2	3.5	25.7	14:19	4.0	1015.0	8:36	1012.9	17:05	1014.0	2.1

Mean	22.1	15:48	11.4	6:19	16.7		23.7		3.3	1018.8		1013.0		1015.9	
		(median time)		(median time)											
Maximum	34.2		21.3		27.2	16.7	33.8		6.8	1032.1		1024.6		1028.4	12.1
Minimum	13.2		5.1		10.8	3.5			0.9	1007.9		1002.1		1005.0	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	7:12	63	15:40	78.5	31	20.5	795	14:37	1.14	6.2	14:19	8.3	7.27
94	6:51	57	16:12	75.5	37	21.2	907	15:02	1.29	5.3	14:51	6.7	6.88
81	7:27	54	18:28	67.5	27	14.7	977	14:42	1.40	6.0	14:39	6.2	7.53
86	6:25	48	14:42	67.0	38	17.0	872	14:39	1.25	5.6	14:32	4.2	2.53
83	2:27	36	15:23	59.5	47	11.3	793	14:18	1.14	5.2	14:19	3.8	4.25
87	7:40	36	16:27	61.5	51	14.1	775	14:31	1.11	5.1	14:23	5.5	4.60
93	12:39	66	2:59	79.5	27	18.6	318	16:55	0.46	2.0	12:39	2.5	1.50
93	2:00	40	16:58	66.5	53	18.2	770	14:14	1.10	5.6	14:16	5.0	4.72
90	7:30	49	12:55	69.5	41	15.3	842	15:14	1.21	4.8	15:13	5.8	6.50
93	7:20	55	15:28	74.0	38	24.3	649	14:18	0.93	4.6	14:18	7.4	4.03
92	1:08	55	15:49	73.5	37	23.1	722	14:22	1.04	4.8	14:17	5.2	2.22
93	8:12	53	17:27	73.0	40	19.7	538	16:52	0.77	3.3	13:26	5.1	6.80
80	12:19	66	18:41	73.0	14	11.0	374	14:17	0.54	3.3	13:28	3.5	4.80
85	7:38	34	14:50	59.5	51	9.4	751	14:08	1.07	4.9	14:09	3.6	3.97
83	6:29	56	13:55	69.5	27	12.6	265	12:24	0.38	3.0	12:24	3.9	4.98
90	4:50	49	15:51	69.5	41	11.2	751	14:05	1.08	4.7	14:07	5.5	7.47
89	23:29	54	15:56	71.5	35	9.2	735	14:03	1.05	5.0	14:06	4.7	4.37
93	9:25	40	16:39	66.5	53	12.3	777	14:32	1.11	4.8	14:28	3.6	3.98
92	9:12	66	16:32	79.0	26	17.3	728	14:23	1.04	4.6	14:23	5.8	7.88
95	8:49	74	13:59	84.5	21	20.3	455	13:59	0.65	3.5	13:59	5.1	6.15
94	14:31	82	19:59	88.0	12	19.2	84	18:12	0.12	0.9	14:31	0.0	0.00
90	2:25	56	15:21	73.0	34	8.8	870	15:19	1.25	4.9	14:15	4.5	6.75
90	5:09	45	15:01	67.5	45	7.4	714	13:56	1.02	4.4	13:58	3.7	3.88
92	4:11	36	16:26	64.0	56	10.7	701	13:54	1.00	4.5	13:57	3.1	3.88
92	8:45	46	15:49	69.0	46	12.1	684	13:53	0.98	4.3	13:58	3.6	3.85
92	8:22	46	13:48	69.0	46	12.0	673	13:51	0.96	4.4	13:55	3.1	3.85
92	8:41	60	15:05	76.0	32	12.8	671	13:52	0.96	4.4	13:52	3.1	3.83
93	8:14	68	14:19	80.5	25	15.3	687	14:03	0.97	4.7	13:54	5.2	4.55
93	0:29	63	14:05	78.0	30	15.9	724	13:57	1.04	4.4	13:57	3.4	4.30
94	9:27	84	17:02	89.0	10	17.4	229	14:02	0.33	2.2	14:14	2.7	2.03

90.3	7:34	54.6	15:44	72.4			661	14:18		4.4	14:11	4.45	4.65
	(median time)		(median time)					(median time)			(median time)		
95		84		89.0	56	24.3	977		1.40	6.2		8.34	7.88
80		34		59.5	10		84		0.12	0.9		0.00	0.00

139.36

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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
19.5	6:20	33.2	15:12	33.7	15:12	19.3	6:20	0.0	3.8	0.2	0.0	1.7
16.3	1:52	32.3	15:31	33.6	15:31	14.9	1:52	0.3	2.8	0.0	0.0	2.2
14.8	1:06	26.5	17:31	29.3	16:00	13.2	1:03	1.1	1.0	T	0.0	2.0
13.2	5:55	32.2	14:40	33.9	14:42	11.7	6:00	1.6	2.5	0.0	0.0	1.8
9.7	1:52	19.0	15:48	23.7	15:48	7.9	1:52	3.9	0.0	0.0	0.0	2.5
7.1	7:01	24.3	17:44	28.3	16:04	5.4	6:49	3.4	0.9	0.0	0.0	2.2
14.3	11:32	26.4	23:51	25.3	16:59	14.2	11:32	1.0	0.6	19.0	15.4	0.7
11.8	1:49	25.6	2:00	26.4	16:27	10.2	1:56	1.6	0.6	0.0	0.0	2.2
10.2	6:58	24.2	15:49	27.2	15:34	8.8	6:45	2.7	0.5	T	0.0	1.6
17.2	5:59	45.6	15:30	47.7	15:30	16.7	2:54	0.0	8.4	0.0	0.0	2.5
21.3	1:11	43.2	15:53	44.4	15:53	21.5	1:59	0.0	8.3	19.0	145.8	2.0
14.4	1:07	31.6	13:34	29.3	16:52	12.9	1:07	0.4	2.3	9.0	205.8	1.6
7.8	12:07	16.8	2:00	15.4	14:17	7.6	20:12	6.7	0.0	0.0	0.0	1.4
5.6	8:01	19.5	15:23	24.2	15:23	4.3	7:18	5.8	0.0	0.0	0.0	2.0
11.1	6:26	21.8	13:22	21.4	13:16	9.5	6:29	3.3	0.2	2.4	3.2	1.4
7.2	1:13	15.8	16:48	20.4	15:19	5.3	1:40	6.7	0.0	T	0.0	2.0
5.1	7:22	17.9	15:29	22.2	15:29	3.3	7:14	7.2	0.0	0.0	0.0	1.6
6.7	6:57	23.7	15:30	27.3	15:29	5.2	6:38	4.8	0.7	0.0	0.0	1.7
9.7	6:18	29.1	16:51	29.6	15:10	8.4	6:13	3.0	0.9	0.0	0.0	1.8
15.1	4:47	32.8	16:56	30.3	16:47	14.0	4:47	0.7	2.7	9.8	123.8	1.4
10.2	0:15	27.2	2:00	20.4	2:00	8.6	0:15	3.0	0.1	24.2	9.2	0.5
7.4	9:49	12.6	15:57	18.2	15:19	6.2	7:13	7.9	0.0	0.2	0.0	1.5
7.7	7:59	18.0	16:07	22.4	15:47	6.1	1:53	6.8	0.0	0.0	0.0	1.7
6.1	7:40	21.5	17:12	25.2	15:14	4.4	6:41	6.1	0.3	0.0	0.0	1.6
7.9	7:40	25.1	15:47	28.4	15:44	6.5	4:35	4.5	0.9	0.0	0.0	1.7
9.0	7:30	24.4	15:21	27.5	13:53	7.6	7:30	3.8	0.9	0.0	0.0	1.6
10.3	7:42	22.9	15:32	26.0	14:43	9.0	7:12	3.8	0.2	0.0	0.0	1.4
10.3	5:33	24.7	14:17	26.9	14:15	9.0	5:47	3.2	0.3	0.0	0.0	1.3
12.3	6:37	26.5	14:03	28.6	14:02	11.0	6:37	1.7	0.5	0.4	0.0	1.2
16.5	7:35	25.4	17:09	22.1	14:02	15.5	23:51	0.6	0.3	1.4	1.4	0.7

Mean											
45.6		47.7		24.2		205.8		2.5		Maximum	
5.1		3.3		0.5		Minimum					
95.5		39.9		85.8		49.4		Sum			