

DECEMBER 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	4.2	11:22	2.0	7:23	3.1	2.2	16.1	12:07	1.1	1020.3	1:00	1013.2	0:26	1016.8	7.1
2	2.8	1:00	0.5	0:53	1.7	2.3	17.7	10:17	1.9	1013.5	0:52	1011.3	14:55	1012.4	2.2
3	4.3	13:09	-3.1	7:13	0.6	7.4	12.9	13:41	1.0	1016.1	19:01	1013.3	1:26	1014.7	2.8
4	4.2	0:49	0.8	3:39	2.5	3.4	16.1	20:47	1.6	1017.7	10:40	1008.9	0:59	1013.3	8.8
5	15.7	13:28	2.8	0:54	9.3	12.9	33.8	13:44	6.0	1017.0	0:30	1004.7	12:46	1010.9	12.3
6	2.8	1:00	-1.8	0:24	0.5	4.6	22.5	3:47	4.6	1025.5	0:30	1015.7	1:00	1020.6	9.8
7	-1.2	11:36	-0.6	0:38	-0.9	0.6	30.6	14:21	5.8	1035.2	23:29	1025.5	1:00	1030.4	9.7
8	-0.6	20:43	-6.3	4:55	-3.5	5.7	30.6	22:07	2.7	1035.6	8:46	1019.8	0:55	1027.7	15.8
9	1.6	10:42	-3.2	0:50	-0.8	4.8	41.8	14:00	10.9	1019.8	1:00	1009.7	10:33	1014.8	10.1
10	-3.2	1:00	-7.8	8:58	-5.5	4.6	33.8	17:44	8.5	1018.4	0:57	1013.2	15:48	1015.8	5.2
11	-3.9	11:46	-9.8	0:14	-6.9	5.9	35.4	2:40	7.9	1026.5	0:14	1018.2	1:14	1022.4	8.3
12	-6.7	13:42	-10.2	7:59	-8.5	3.5	38.6	14:11	8.4	1027.1	2:42	1017.1	0:21	1022.1	10.0
13	-4.6	8:20	-12.9	0:51	-8.8	8.3	30.6	5:25	7.7	1031.6	0:56	1016.4	4:21	1024.0	15.2
14	-10.5	0:00	-14.4	7:11	-12.5	3.9	22.5	15:39	3.2	1032.1	2:50	1008.3	0:46	1020.2	23.8
15	-4.4	17:55	-12.8	4:36	-8.6	8.4	29.0	19:58	6.1	1012.9	0:49	1006.3	14:45	1009.6	6.6
16	-6.7	14:52	-15.3	7:38	-11.0	8.6	22.5	11:05	2.4	1022.7	20:15	1012.9	1:00	1017.8	9.8
17	-2.9	0:07	-13.2	1:00	-8.1	10.3	14.5	14:00	1.4	1020.1	1:00	1012.9	16:30	1016.5	7.2
18	0.3	13:47	-3.7	7:54	-1.7	4.0	27.4	13:09	6.0	1017.5	19:03	1013.4	1:22	1015.5	4.1
19	2.9	14:03	-1.2	1:00	0.9	4.1	29.0	1:33	3.9	1017.0	19:04	1010.9	4:53	1014.0	6.1
20	1.2	13:36	-0.5	21:13	0.4	1.7	12.9	10:25	0.7	1015.1	1:00	1008.1	0:53	1011.6	7.0
21	0.6	12:23	-1.1	22:49	-0.3	1.7				1013.1	20:50	1006.8	4:40	1010.0	6.3
22	1.5	20:58	-2.6	12:20	-0.6	4.1				1014.1	23:27	1003.9	4:00	1009.0	10.2
23	1.3	1:00	-7.5	0:59	-3.1	8.8				1025.7	21:13	1013.8	1:05	1019.8	11.9
24	-7.5	1:00	-15.2	0:54	-11.4	7.7				1034.5	22:46	1024.3	1:36	1029.4	10.2
25	-2.8	23:46	-16.7	4:43	-9.8	13.9				1034.8	4:05	1021.1	0:51	1028.0	13.7
26	0.0	13:46	-5.3	23:01	-2.7	5.3				1024.8	23:29	1017.9	6:08	1021.4	6.9
27	1.3	0:31	-5.1	1:00	-1.9	6.4	25.7	0:27	4.7	1024.8	10:47	1015.3	0:55	1020.1	9.5
28	3.4	13:28	0.2	23:50	1.8	3.2	32.2	3:30	5.2	1018.2	10:51	1011.7	0:49	1015.0	6.5
29	5.6	13:33	-7.4	0:59	-0.9	13.0	35.4	19:49	4.9	1011.8	12:16	1002.4	16:31	1007.1	9.4
30	-6.7	13:44	-11.1	9:14	-8.9	4.4	38.6	1:42	4.3	1024.4	18:24	1010.9	1:00	1017.7	13.5
31	-6.3	14:34	-10.7	2:22	-8.5	4.4	37.0	16:52	5.4	1025.1	0:57	1015.6	9:10	1020.4	9.5

Mean	-0.5	13:09	-6.2	4:39	-3.3		27.5		4.7	1022.4		1013.0		1017.7	
		(median time)		(median time)											
Maximum	15.7		2.8		9.3	13.9	41.8		10.9	1035.6		1025.5		1030.4	23.8
Minimum	-10.5		-16.7		-12.5	0.6			0.7	1011.8		1002.4		1007.1	2.2
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)
91	20:22	74	1:00	82.5	17	2.6	69	11:22	0.10	0.5	11:22	0.0	0.00
92	10:15	73	20:41	82.5	19	1.5	74	11:06	0.11	0.6	11:09	0.0	0.00
92	9:00	59	13:22	75.5	33	-1.5	320	13:20	0.46	1.1	12:55	0.2	1.88
93	0:42	79	1:00	86.0	14	3.0	91	12:58	0.13	0.7	12:59	0.0	0.00
93	1:02	54	13:15	73.5	39	10.7	188	13:23	0.27	1.2	12:34	1.5	1.02
68	5:47	58	12:36	63.0	10	-2.7	105	10:08	0.15	0.7	10:33	0.0	0.00
69	23:15	47	14:50	58.0	22	-7.7	346	14:28	0.50	1.0	12:28	0.1	1.18
78	0:39	51	13:15	64.5	27								
92	9:53	62	23:43	77.0	30	0.2	76	13:42	0.11	0.6	13:42	0.0	0.00
78	23:11	52	14:43	65.0	26	-8.1	295	14:08	0.40	0.9	13:27	0.0	2.62
77	0:16	49	16:14	63.0	28	-9.6	301	14:21	0.43	0.8	11:33	0.0	2.65
78	1:11	53	14:11	65.5	25	-11.4	406	13:25	0.58	0.9	13:25	0.0	1.57
84	7:00	54	15:02	69.0	30	-7.6	155	13:41	0.22	0.9	12:40	0.0	1.00
92	13:59	60	1:00	76.0	32	-12.2	77	12:48	0.11	0.5	12:56	0.0	0.00
92	12:00	78	19:25	85.0	14	-6.8	207	13:33	0.29	0.5	14:18	0.0	0.45
92	7:03	55	15:09	73.5	37	-12.4	374	13:16	0.54	1.1	13:16	0.3	2.00
92	22:59	73	14:01	82.5	19	-4.5	478	13:37	0.69	0.0		0.0	1.37
89	5:39	69	14:00	79.0	20	-3.1	399	14:00	0.57	1.0	13:43	0.2	3.15
90	0:39	69	9:30	79.5	21	-0.8	153	12:29	0.22	0.9	12:29	0.0	1.32
94	12:29	90	1:00	92.0	4	0.3	40	12:29	0.06	0.0		0.0	0.00
94	13:13	92	13:48	93.0	2	-0.2	58	13:13	0.08	0.0		0.0	0.00
94	17:05	87	22:37	90.5	7	0.5	60	12:19	0.08	0.0		0.0	0.00
92	5:00	76	16:49	84.0	16	0.0	95	14:16	0.14	0.5	14:16	0.0	0.00
89	0:37	70	13:26	79.5	19	-9.3	163	13:20	0.23	0.5	13:20	0.0	1.27
92	8:26	78	13:45	85.0	14	-5.7	60	12:47	0.09	0.0		0.0	0.00
90	9:34	76	15:40	83.0	14	-3.3	192	13:28	0.27	0.0		0.0	0.18
87	21:47	66	13:29	76.5	21	-1.0	308	13:26	0.44	0.9	13:26	0.0	2.98
90	0:05	79	13:22	84.5	11	0.5	72	12:50	0.10	0.6	12:50	0.0	0.00
90	1:00	65	13:31	77.5	25	0.8	125	12:10	0.18	0.8	12:10	0.0	0.07
92	0:49	34	14:14	63.0	58	-11.2	378	1:24	0.54	1.1	13:24	0.3	1.95
88	8:48	59	14:44	73.5	29	-8.5	464	13:35	0.67	1.1	13:37	0.1	3.08

87.9	8:26	65.8	14:00	76.9			204	13:20		0.6	12:57	0.09	0.99
	(median time)		(median time)					(median time)			(median time)		
94		92		93.0	58	10.7	478		0.69	1.2		1.53	3.15
68		34		58.0	2		40		0.06	0.0		0.00	0.00
													29.72

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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
0.4	1:15	2.7	11:22	4.2	11:22	-1.6	1:15	15.3	0.0	3.4	1.2	0.3
-0.7	23:29	1.0	1:01	2.4	10:58	-2.8	23:29	16.1	0.0	0.2	0.0	0.4
-3.1	7:13	1.5	13:09	6.9	13:18	-5.2	7:21	17.4	0.0	0.0	0.0	0.6
0.4	3:53	2.9	0:49	3.5	12:58	-1.5	3:53	16.0	0.0	1.6	3.8	0.2
0.1	0:19	16.6	12:43	17.1	13:27	-2.1	0:19	10.5	0.0	0.0	0.0	0.8
-5.2	21:21	0.0	1:17	1.2	10:33	-7.5	21:21	18.1	0.0	0.0	0.0	0.8
-9.9	22:31	-5.1	11:41	-0.2	14:29	-12.2	22:31	21.3	0.0	0.0	0.0	0.8
-8.8	0:52	-0.5	10:42	-0.8	8:58	-10.8	0:52	18.8	0.0	0.8	0.0	0.6
-13.4	21:13	-7.0	1:00	-4.7	14:03	-15.3	21:13	24.4	0.0	0.0	0.0	0.8
-14.1	20:45	-7.9	11:41	-4.4	14:21	-16.4	20:45	24.8	0.0	0.0	0.0	0.8
-16.8	9:20	-11.1	13:41	-5.6	13:39	-18.2	7:55	27.1	0.0	0.0	0.0	0.6
-17.9	21:49	-8.2	8:20	-6.8	8:17	-20.2	21:49	27.0	0.0	0.0	0.0	0.7
-19.1	4:23	-14.7	0:00	-12.2	13:12	-21.6	6:11	30.7	0.0	0.0	0.0	0.1
-19.9	5:11	-8.1	17:48	-5.5	14:50	-21.9	5:11	26.9	0.0	0.0	0.0	0.2
-18.1	3:10	-11.1	14:52	-3.8	14:08	-20.3	3:10	29.6	0.0	0.0	0.0	0.3
-14.5	1:16	-6.1	0:07	1.2	13:37	-16.7	1:16	24.8	0.0	0.0	0.0	0.2
-8.1	7:18	-2.7	13:09	3.1	14:13	-10.1	7:18	20.5	0.0	0.0	0.0	0.6
-5.9	1:33	0.5	15:14	3.3	13:28	-7.8	1:33	17.5	0.0	0.0	0.0	0.6
-2.1	10:25	-0.9	13:36	0.4	12:29	-3.2	10:25	17.9	0.0	8.8	1.6	0.0
		-1.6	12:23	0.2	12:23	-4.2	12:53	18.6	0.0	12.6	10.0	
		-0.7	19:51	-0.3	19:55	-3.9	8:57	18.9	0.0	0.0	0.0	
		-0.9	3:02	-0.6	1:00	-9.7	0:59	21.3	0.0			
		-11.5	1:00	-7.7	13:20	-17.4	0:54	29.0	0.0			
		-6.1	0:33	-4.9	23:46	-18.9	4:41	27.7	0.0			
		-2.9	13:46	1.3	13:29	-11.8	22:15	21.2	0.0			
-8.1	1:04	-1.1	0:31	3.7	13:22	-10.3	1:04	20.2	0.0			0.4
-2.7	1:00	1.3	13:28	3.1	14:52	-4.6	1:00	15.9	0.0	0.0		0.4
-13.9	0:53	3.4	13:53	5.6	12:16	-15.9	0:53	16.4	0.0	0.0		0.5
-16.6	3:53	-11.3	13:44	-2.7	13:42	-18.7	3:53	27.7	0.0	0.0	0.0	0.5
-16.4	16:52	-10.3	10:15	-3.3	13:35	-18.7	17:27	26.8	0.0	0.0	0.0	0.4

													Mean
		16.6		17.1						12.6	10.0	0.8	Maximum
-19.9						-21.9						0.0	Minimum
								648.5	0.0	27.4		11.4	Sum