

JANUARY 2009

DAY	TEMPERATURE (°C)						WINDS (km/h)					BAROMERIC PRESSURE (mb)					
	Maximum	Time	Minimum	Time	Mean	Range	Max Gust	Direction	Time	Daily Ave Wind	Dominant Direction	Maximum	Time	Minimum	Time	Mean	Range
1	-2.7	0:42	-14.3	6:33	-8.5	11.6	22.5	SSW	14:50	3.0	S	1029.8	8:51	1010.7	0:40	1020.3	19.1
2	2.2	12:55	-3.3	0:01	-0.6	5.5	33.8	SW	18:14	6.0	SW	1012.2	0:55	1003.7	14:21	1008.0	8.5
3	-2.3	3:21	-10.2	1:00	-6.3	7.9	33.8	N	12:44	5.6	N	1025.2	20:17	1012.2	1:03	1018.7	13.0
4	-0.7	0:58	-10.9	3:03	-5.8	10.2	20.9	W	0:51	1.6	NNE	1024.6	2:27	1013.8	19:18	1019.2	10.8
5	0.9	4:29	-6.0	22:31	-2.6	6.9	29.0	NNE	10:08	5.7	WSW	1018.7	10:03	1014.8	1:01	1016.8	3.9
6	0.5	14:34	-9.2	7:12	-4.4	9.7	29.0	SSE	21:53	2.0	N	1016.7	7:50	1000.5	0:57	1008.6	16.2
7	0.9	15:56	-3.1	0:27	-1.1	4.0	25.7	SW	21:44	3.9	WSW	1000.5	1:01	982.8	14:47	991.7	17.7
8	-2.7	1:10	-8.6	0:54	-5.7	5.9	32.2	WNW	12:42	6.4	NW	1011.5	0:56	987.0	1:01	999.3	24.5
9	-4.0	14:56	-11.4	5:02	-7.7	7.4	14.5	WNW	7:47	1.6	NW	1025.9	23:13	1011.5	1:01	1018.7	14.4
10	-7.0	14:06	-12.7	4:18	-9.9	5.7	22.5	NNE	18:28	3.0	N	1026.8	2:40	1015.6	0:17	1021.2	11.2
11	-3.9	13:27	-12.3	8:04	-8.1	8.4	20.9	NNW	5:32	2.1	N	1020.6	9:27	1015.5	1:16	1018.1	5.1
12	-2.1	0:56	-7.6	5:53	-4.9	5.5	29.0	15:48	SSW	3.9	SW	1022.5	16:45	1017.2	0:58	1019.9	5.3
13	1.3	12:28	-15.8	0:57	-7.3	17.1	43.5	NNW	18:45	9.6	SSW	1018.9	0:55	1002.7	13:10	1010.8	16.2
14	-12.7	13:56	-21.1	6:53	-16.9	8.4	16.1	NNW	1:50	2.0	NNW	1023.5	9:28	1018.9	1:01	1021.2	4.6
15	-9.2	13:32	-18.2	8:15	-13.7	9.0	24.1	SW	17:50	3.7	NNW	1029.8	22:19	1022.9	1:04	1026.4	6.9
16	-9.8	13:40	-16.9	1:33	-13.4	7.1	35.4	SW	12:20	6.9	SSW	1032.6	18:13	1028.3	2:45	1030.5	4.3
17	-6.8	0:58	-17.6	6:37	-12.2	10.8	35.4	SSE	12:15	8.7	SSW	1031.2	2:16	1010.5	0:57	1020.9	20.7
18	-2.3	15:00	-7.4	23:34	-4.9	5.1	25.7	SW	2:05	5.4	WSW	1010.6	1:01	1004.0	14:28	1007.3	6.6
19	-4.2	12:58	-10.2	0:46	-7.2	6.0	11.3	SW	2:26	1.5	N	1008.7	0:58	1003.4	13:18	1006.1	5.3
20	-8.1	14:42	-14.2	9:14	-11.2	6.1	25.7	NW	15:50	4.4	N	1015.8	0:36	1008.7	1:01	1012.3	7.1
21	-4.9	14:34	-15.4	2:52	-10.2	10.5	25.7	SSW	14:27	6.1	SW	1015.6	1:01	1011.1	13:44	1013.4	4.5
22	-1.2	18:25	-5.8	1:01	-3.5	4.6	22.5	S	1:53	4.6	SW	1015.0	18:55	1010.7	5:15	1012.9	4.3
23	3.4	14:17	-7.4	0:59	-2.0	10.8	51.5	SW	23:24	6.7	SW	1015.5	0:59	1001.6	14:17	1008.6	13.9
24	-7.4	1:01	-17.6	8:45	-12.5	10.2	38.6	ESE	1:29	6.0	S	1027.2	11:12	1015.5	1:01	1021.4	11.7
25	-6.8	13:39	-13.1	5:32	-10.0	6.3	32.2	SW	15:28	4.8	SSW	1028.1	0:54	1023.2	6:20	1025.7	4.9
26	-7.3	13:18	-13.4	4:43	-10.4	6.1	20.9	ENE	13:43	3.5	WSW	1030.8	23:50	1027.9	5:13	1029.4	2.9
27	-2.8	14:40	-10.9	7:13	-6.9	8.1	20.9	SE	13:30	2.5	SSE	1033.7	8:54	1021.6	0:53	1027.7	12.1
28	-2.3	12:53	-6.1	17:12	-4.2	3.8	24.1	SW	23:09	3.7	SE	1021.7	1:01	1000.1	14:10	1010.9	21.6
29	-3.0	0:28	-8.4	4:00	-5.7	5.4	30.6	SSW	10:13	7.7	S	1013.4	4:42	1009.0	0:54	1011.2	4.4
30	-2.9	2:11	-9.7	0:10	-6.3	6.8	30.6	S	11:25	6.6	S	1013.7	1:00	1007.6	5:36	1010.7	6.1
31	-3.2	0:36	-14.6	7:06	-8.9	11.4	38.6	SSW	18:15	6.6	SW	1017.1	8:50	1004.6	0:57	1010.9	12.5

Mean	-3.6	13:18	-11.4	5:02	-7.5	17.1	28.0			4.7	SW	1020.6		1010.2		1015.4	
Maximum	3.4		-3.1		-0.6	17.1	51.5			9.6		1033.7		1028.3		1030.5	24.5
Minimum	-12.7		-21.1		-16.9	3.8				1.5		1000.5		982.8		991.7	2.9
Sum																	

JANUARY 2009

RELATIVE HUMIDITY (%)						SUNSHINE						
Maximum	Time	Minimum	Time	Mean	Range	Hi Solar Radiation (W/m2)	Time	Hi Solar Energy (Langley)	Max UV Index	Time	Daily UV Dose	Bright Sunshine Hours (Threshold 120 W/m2)
82	7:07	57	12:52	69.5	25	308	13:30	0.44	1.5	13:08	2.32	1.4
90	20:37	57	13:00	73.5	33	364	13:32	0.52	1.9	13:06	3.41	1.7
82	1:51	59	14:30	70.5	23	390	13:27	0.56	1.7	13:25	1.15	1.9
89	22:45	66	1:01	77.5	23	149	11:25	0.21	1.5	12:44	2.59	1.6
88	2:18	52	14:41	70.0	36	380	13:31	0.54	1.7	13:13	1.50	2.0
92	22:29	60	14:41	76.0	32	369	13:40	0.53	1.9	13:42	2.20	2.1
94	11:52	79	0:59	86.5	15	16	11:35	0.02	0.0		0.00	0.0
85	2:46	63	15:05	74.0	22	246	15:07	0.35	1.3	12:29	2.51	3.1
81	3:59	55	14:52	68.0	26	378	13:37	0.54	1.7	13:13	2.79	3.6
92	12:30	60	19:18	76.0	32	188	11:37	0.27	1.5	11:54	2.09	2.2
86	1:01	49	13:45	67.5	37	432	13:36	0.62	1.6	13:33	2.25	3.0
84	1:03	61	12:28	72.5	23	276	14:51	0.40	1.7	13:08	1.89	1.4
92	5:38	57	23:09	74.5	35	137	14:32	0.20	1.3	12:38	1.15	0.1
82	19:48	65	3:27	73.5	17	190	10:42	0.27	0.9	11:38	0.00	2.9
86	5:01	53	11:47	69.5	33	422	13:31	0.60	1.2	13:04	1.17	2.9
84	3:15	55	13:42	69.5	29	462	13:31	0.65	1.4	13:02	1.88	2.3
92	17:35	50	12:38	71.0	42	197	12:26	0.28	1.5	12:28	2.02	3.5
92	14:02	78	12:05	85.0	14	19	11:44	0.03	0.0		0.00	0.0
92	17:31	71	13:09	81.5	21	35	11:20	0.05	0.0		0.00	0.0
92	5:52	62	14:29	77.0	30	438	14:41	0.63	0.0		0.00	1.4
93	3:39	67	9:46	80.0	26	243	12:29	0.35	1.5	12:28	2.25	4.0
84	10:51	75	17:19	79.5	9	95	11:12	0.14	1.2	11:56	1.86	0.0
89	5:43	68	22:53	78.5	21	304	13:26	0.44	2.1	12:56	3.43	3.8
77	3:19	50	15:29	63.5	27	494	13:25	0.71	1.7	12:47	1.74	2.5
76	1:02	57	15:08	66.5	19	499	13:39	0.72	1.8	13:28	2.45	3.9
79	5:12	55	15:45	67.0	24	459	13:14	0.64	2.0	12:52	1.81	1.5
76	6:13	52	12:53	64.0	24	490	13:18	0.70	2.0	0:53	2.14	2.5
91	12:44	71	1:01	81.0	20	51	13:34	0.07	0.0		0.00	0.0
89	8:56	74	12:50	81.5	15	165	11:12	0.24	1.2	0:49	1.47	2.9
92	5:38	59	15:18	75.5	33	292	13:43	0.42	1.5	0:51	2.81	5.4
92	20:00	66	12:02	79.0	26	199	10:42	0.28	1.4	0:51	1.79	3.2

86.9	5:47	61.4	13:42	74.2		280	13:27		1.3	12:49	1.70	2.1
94		79		86.5	42	499		0.72	2.1		3.43	5.4
76		49		63.5	9	16		0.02	0.0		0.00	0.0

66.6

JANUARY 2009

APPARENT TEMPERATURE						DEGREE DAYS		PRECIPITATION (mm)			EVAPOTRANSPIRATION (mm)
Min WindChill	Time	Max THWS Index	Time	Min THWS Index	Time	Heating	Cooling	Rain	Max. Rainfall Rate	Storm Total	Daily Total
-15.9	5:40	-2.4	13:40	-18.3	5:40	26.7	0.0	0.0	0.0	0.0	0.5
-7.3	20:15	2.8	13:32	-9.3	20:15	19.5	0.0	0.0	0.0	0.0	0.7
-12.9	23:44	-2.0	13:31	-15.3	23:44	23.8	0.0	0.0	0.0	0.0	0.6
-13.9	3:35	-1.3	13:37	-16.3	3:35	23.8	0.0	0.0	0.0	0.0	0.2
-10.4	21:25	2.0	13:54	-12.8	21:25	21.3	0.0	0.0	0.0	0.0	0.8
-9.4	1:20	4.7	13:41	-11.9	7:12	21.7	0.0	0.0	0.0	0.0	0.5
-7.4	0:54	-0.7	15:11	-9.4	0:54	19.0	0.0	0.6	0.0	0.6	0.0
-12.7	9:39	-4.1	15:23	-14.0	8:55	23.9	0.0	0.0	0.0	0.0	0.5
-16.2	7:47	0.2	13:37	-19.0	7:47	26.9	0.0	0.0	0.0	0.0	0.3
-16.7	22:22	-5.9	13:39	-18.7	22:22	28.2	0.0	0.0	0.0	0.0	0.3
-16.6	5:32	0.6	13:36	-18.8	5:32	26.2	0.0	0.0	0.0	0.0	0.3
-10.0	18:05	-1.2	14:51	-12.6	18:05	23.1	0.0	0.0	0.0	0.0	0.4
-20.9	0:44	1.1	12:25	-23.3	0:44	22.7	0.0	0.0	0.0	0.0	0.5
-25.1	7:26	-11.9	13:16	-27.6	7:26	33.7	0.0	0.0	0.0	0.0	0.2
-23.8	8:43	-2.9	14:38	-26.3	8:43	31.9	0.0	0.0	0.0	0.0	0.3
-23.9	23:51	-5.9	13:39	-26.3	23:51	31.8	0.0	0.0	0.0	0.0	0.4
-25.4	6:44	-10.3	12:32	-28.1	6:44	30.2	0.0	0.0	0.0	0.0	0.3
-12.3	1:06	-4.1	12:58	-14.3	1:06	23.2	0.0	0.0	0.0	0.0	0.0
-12.8	22:09	-5.6	12:58	-14.9	22:09	25.4	0.0	0.0	0.0	0.0	0.0
-20.4	9:04	-1.4	15:12	-22.2	9:04	29.8	0.0	0.0	0.0	0.0	0.2
-19.9	3:44	-3.7	14:13	-22.7	3:44	27.2	0.0	0.0	0.0	0.0	0.5
-10.8	1:36	-2.3	13:04	-13.1	1:36	21.3	0.0	0.0	0.0	0.0	0.3
-14.1	0:50	5.3	14:17	-16.1	0:50	18.8	0.0	0.0	0.0	0.0	0.7
-27.2	8:38	-4.3	13:50	-29.1	8:38	30.5	0.0	0.0	0.0	0.0	0.6
-18.8	2:01	-2.1	13:39	-21.4	2:01	28.7	0.0	0.0	0.0	0.0	0.5
-16.8	8:38	-1.8	13:28	-19.4	8:38	28.4	0.0	0.0	0.0	0.0	0.5
-14.8	7:26	2.2	13:21	-17.4	7:26	25.0	0.0	0.0	0.0	0.0	0.6
-11.3	18:21	-3.8	12:45	-13.3	18:21	23.2	0.0	0.0	0.0	0.0	0.0
-13.8	11:34	-6.2	23:44	-14.9	2:41	24.3	0.0	0.0	0.0	0.0	0.5
-15.3	0:54	-2.0	12:39	-18.0	0:59	23.7	0.0	0.0	0.0	0.0	0.5
-17.6	3:11	-6.2	23:47	-20.3	3:11	27.7	0.0	0.0	0.0	0.0	0.5

												Mean
		5.3						0.6	0.0	0.6	0.8	Maximum
-27.2				-29.1							0.0	Minimum
						791.2	0.0	0.6			11.8	Sum