

DECEMBER

DAY	TEMPERATURE (°C)						WINDS (km/h)				
	Maximum	Time	Minimum	Time	Mean	Range	Max Gust	Direction	Time	Daily Ave Wind	Dominant Direction
1	3.7	11:27	-0.2	0:22	1.8	3.9	37.0	SW	11:09	9.3	WSW
2	0.9	15:47	-0.8	19:42	0.1	1.7	32.2	SW	18:46	8.9	WSW
3	6.3	20:21	-0.4	1:00	3.0	6.7	45.1	WNW	13:08	10.9	WSW
4	5.2	1:00	-3.3	0:49	1.0	8.5	38.6	NW	12:36	7.5	WSW
5	-1.6	13:08	-5.8	19:22	-3.7	4.2	33.8	WSW	10:49	6.1	SW
6	-0.7	21:13	-5.6	5:50	-3.2	4.9	45.1	SSW	11:42	9.5	SW
7	-1.7	1:00	-11.2	23:28	-6.5	9.5	56.3	NNW	10:15	11.0	NW
8	-2.3	21:06	-11.3	5:38	-6.8	9.0	25.7	SE	18:35	2.2	SE
9	4.6	21:15	-2.9	1:00	0.9	7.5	27.4	SW	15:05	2.7	SSW
10	3.4	1:00	-7.7	23:42	-2.2	11.1	32.2	NNW	5:53	6.8	NW
11	-1.2	14:31	-7.7	3:29	-4.5	6.5	11.3	NE	22:28	1.1	NNE
12	-1.2	6:02	-11.1	0:54	-6.2	9.9	30.6	NNW	16:42	5.9	N
13	1.8	23:59	-11.7	2:42	-5.0	13.5	35.4	SSE	19:55	6.2	SW
14	6.3	0:22	1.4	1:11	3.9	4.9	38.6	SSW	17:34	7.8	SW
15	10.3	10:58	-6.8	0:21	1.8	17.1	45.1	SW	11:33	11.5	WSW
16	-2.8	0:46	-6.8	1:01	-4.8	4.0	29.0	NNW	1:10	2.4	N
17	1.3	13:29	-3.5	8:43	-1.1	4.8	29.0	N	13:35	4.0	N
18	-1.1	15:03	-7.3	0:59	-4.2	6.2	22.5	WSW	11:39	2.7	N
19	-4.5	6:41	-14.7	0:57	-9.6	10.2	35.4	NNE	14:59	5.3	N
20	-9.4	13:56	-16.8	7:54	-13.1	7.4	22.5	NE	4:05	2.8	N
21	-3.2	12:53	-12.9	0:51	-8.1	9.7	48.3	SW	20:26	10.8	SW
22	-7.2	15:10	-13.0	1:06	-10.1	5.8	46.7	NNW	11:33	6.7	NNW
23	-0.6	0:57	-9.8	6:34	-5.2	9.2	37.0	S	22:18	6.7	SW
24	6.6	18:56	-0.6	1:00	3.0	7.2	49.9	SSW	21:18	7.2	SW
25	2.1	13:24	-3.2	0:49	-0.6	5.3	40.2	NW	1:52	5.3	SW
26	2.7	22:24	-3.8	3:38	-0.6	6.5	20.9	SSE	10:02	1.6	SSE
27	13.3	23:32	2.2	1:00	7.8	11.1	25.7	S	22:26	4.6	SW
28	14.2	1:39	0.9	0:43	7.6	13.3	61.2	SW	8:19	12.4	SW
29	5.3	19:28	-0.4	8:21	2.5	5.7	53.1	NNW	23:46	9.1	SW
30	-0.4	1:00	-5.8	0:35	-3.1	5.4	45.1	NNW	4:03	5.9	N
31	-5.7	1:04	-13.4	21:55	-9.6	7.7	37.0	NNE	12:26	9.6	N

Mean	1.4	13:24	-6.3	1:06	-2.4		36.7			6.6	SW
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Maximum	14.2		2.2		7.8	17.1	61.2			12.4	
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Minimum	-9.4		-16.8		-13.1	1.7				1.1	
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Sum											
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BAROMERIC PRESSURE (mb)						RELATIVE HUMIDITY (%)					
Maximum	Time	Minimum	Time	Mean	Range	Maximum	Time	Minimum	Time	Mean	Range
1003.3	0:57	987.4	4:22	995.4	15.9	93	1:02	71	23:30	82.0	22
1019.1	20:04	1003.3	1:00	1011.2	15.8	84	4:09	54	15:56	69.0	30
1019.5	3:06	1009.1	0:05	1014.3	10.4	87	0:56	64	14:18	75.5	23
1023.3	23:15	1008.8	1:52	1016.1	14.5	88	1:11	51	13:41	69.5	37
1023.9	9:40	1018.5	0:58	1021.2	5.4	76	6:27	45	13:10	60.5	31
1018.5	1:00	1001.5	0:38	1010.0	17.0	89	17:56	64	1:04	76.5	25
1026.0	0:58	1001.8	1:00	1013.9	24.2	82	1:00	56	15:09	69.0	26
1028.0	10:06	1020.7	0:49	1024.4	7.3	92	7:45	62	21:07	77.0	30
1021.0	1:07	1008.5	0:54	1014.8	12.5	94	19:24	86	1:01	90.0	8
1024.1	18:38	1008.2	1:25	1016.2	15.9	94	1:00	66	14:19	80.0	28
1023.2	1:20	1009.0	0:53	1016.1	14.2	95	9:23	77	15:19	86.0	18
1022.5	0:20	1007.0	5:16	1014.8	15.5	90	1:00	63	17:24	76.5	27
1026.2	9:45	1021.7	0:59	1024.0	4.5	83	8:38	64	10:52	73.5	19
1022.3	2:16	1013.4	0:59	1017.9	8.9	92	22:30	62	9:25	77.0	30
1032.7	0:55	1009.8	8:13	1021.3	22.9	91	9:44	59	15:30	75.0	32
1037.4	10:17	1019.4	0:59	1028.4	18.0	91	0:54	53	13:22	72.0	38
1025.3	0:54	1013.6	6:11	1019.5	11.7	92	2:36	62	13:58	77.0	30
1028.4	22:30	1024.0	2:52	1026.2	4.4	80	0:44	61	15:02	70.5	19
1027.9	1:22	1011.7	13:34	1019.8	16.2	95	13:36	76	6:01	85.5	19
1026.0	7:42	1012.3	0:56	1019.2	13.7	88	0:35	63	14:30	75.5	25
1012.4	1:00	998.4	13:14	1005.4	14.0	92	8:27	73	15:33	82.5	19
1032.1	0:35	1003.8	1:00	1018.0	28.3	81	5:42	49	11:12	65.0	32
1034.2	3:35	1017.9	0:39	1026.1	16.3	93	0:14	72	7:36	82.5	21
1018.1	1:00	998.5	17:58	1008.3	19.6	95	16:52	70	21:19	82.5	25
1033.2	21:56	1011.6	1:00	1022.4	21.6	84	6:46	54	13:25	69.0	30
1032.8	1:00	1019.1	0:52	1026.0	13.7	92	0:47	67	1:01	79.5	25
1019.3	1:00	1004.8	0:30	1012.1	14.5	95	7:59	78	0:12	86.5	17
1017.8	23:13	995.9	7:45	1006.9	21.9	91	5:06	59	12:44	75.0	32
1018.7	2:39	1001.6	19:19	1010.2	17.1	77	17:58	62	22:40	69.5	15
1017.1	9:42	1007.3	1:01	1012.2	9.8	88	23:50	57	1:55	72.5	31
1027.3	23:56	1006.4	3:15	1016.9	20.9	94	4:25	62	13:24	78.0	32

1023.9		1008.9		1016.4		89.0	5:42	63.3	13:41	76.1	
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1037.4		1024.0		1028.4	28.3	95		86		90.0	38
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1003.3		987.4		995.4	4.4	76		45		60.5	8
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SUNSHINE						
Hi Solar Radiation (W/m2)	Time	Hi Solar Energy (Langley)	Max UV Index	Time	Daily UV Dose	Bright Sunshine Hours (Threshold 120 W/m2)
114	11:27	0.16	1.8	11:27	0.48	0.0
114	11:30	0.16	1.7	11:30	1.27	0.0
309	14:08	0.44	3.1	12:47	3.84	3.0
418	13:34	0.60	2.7	12:56	2.79	1.9
373	13:27	0.53	2.2	12:59	1.70	1.4
109	12:32	0.15	1.8	12:31	2.11	0.0
396	13:16	0.57	1.7	13:18	2.86	2.1
67	12:43	0.10	1.6	12:43	0.64	0.0
113	12:50	0.16	2.5	13:05	0.73	0.0
367	13:19	0.53	2.2	13:18	1.79	2.0
109	12:00	0.16	2.1	12:29	3.34	0.0
186	14:28	0.27	2.3	12:50	3.00	1.8
276	14:03	0.40	2.3	12:06	3.67	2.5
69	10:15	0.10	2.5	12:03	0.26	0.0
105	13:27	0.15	3.1	12:26	3.10	0.0
162	13:34	0.23	1.8	12:01	1.90	2.0
334	13:50	0.48	1.7	13:34	0.81	0.5
371	13:25	0.49	2.1	12:30	3.09	2.5
42	11:39	0.06	0.0		0.00	0.0
380	13:24	0.54	1.6	13:16	1.43	1.9
295	13:35	0.42	1.8	11:49	2.03	0.8
380	13:22	0.54	1.5	13:16	1.13	1.5
104	10:54	0.15	1.2	10:51	1.94	0.0
39	11:19	0.06	0.0		0.00	0.0
381	14:25	0.55	2.3	13:20	1.59	1.5
97	12:02	0.14	1.8	12:28	1.32	0.0
54	11:12	0.08	0.0		0.00	0.0
169	12:44	0.24	2.2	0:53	1.88	0.3
418	13:33	0.60	2.3	0:56	1.40	0.5
202	13:35	0.29	1.6	0:53	2.73	0.9
396	13:26	0.57	1.3	0:55	2.06	1.9

224	13:22		1.8	12:45	1.77	0.9
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418		0.60	3.1		3.84	3.0
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39		0.06	0.0		0.00	0.0
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29.0

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
-5.6	0:50	2.1	11:28	-7.7	0:50	15.8	0.0	3.6	1.6	3.6	0.5
-6.5	20:21	0.1	9:32	-8.6	20:21	15.2	0.0	0.0	0.0	0.0	0.7
-5.8	2:02	6.6	14:17	-7.8	2:02	15.0	0.0	0.2	0.0	0.0	1.1
-7.4	0:36	3.6	13:49	-10.1	0:36	17.3	0.0	1.6	1.4	1.6	1.0
-10.7	8:48	0.5	13:52	-13.0	23:57	22.7	0.0	0.0	0.0	0.0	0.8
-11.4	1:43	-3.4	13:02	-13.8	1:43	21.6	0.0	0.0	0.0	0.0	0.7
-19.1	12:01	-4.3	1:51	-19.5	12:01	26.1	0.0	0.0	0.0	0.0	0.8
-12.4	3:52	-4.3	15:30	-15.2	3:52	24.6	0.0	0.0	0.0	0.0	0.3
-6.4	1:24	3.8	12:51	-8.8	1:24	16.4	0.0	9.4	3.4	9.4	0.1
-10.7	18:03	1.9	13:58	-12.0	17:55	21.9	0.0	3.0	4.0	12.4	0.5
-10.5	2:15	-1.2	14:06	-13.1	2:15	22.4	0.0	0.0	0.0	0.0	0.2
-14.8	22:12	-0.9	12:36	-17.1	22:12	22.8	0.0	0.0	0.0	0.0	0.5
-14.4	2:18	-0.7	14:12	-17.2	2:18	22.3	0.0	0.0	0.0	0.0	0.7
-3.0	1:35	4.0	0:22	-4.8	1:11	14.7	0.0	2.8	0.8	2.8	0.7
-12.8	23:37	8.8	10:12	-15.2	23:27	15.0	0.0	3.2	2.4	5.2	0.9
-12.3	2:05	-2.9	0:46	-15.0	2:05	23.4	0.0	0.0	0.0	0.0	0.6
-6.4	23:49	4.2	13:54	-8.4	23:49	19.7	0.0	0.0	0.0	0.0	0.5
-8.3	0:54	1.4	13:21	-10.5	2:52	21.7	0.0	0.0	0.0	0.0	0.6
-21.2	0:56	-6.8	6:06	-23.9	0:56	27.9	0.0	0.0	0.0	0.0	0.0
-21.9	4:05	-5.6	13:46	-24.6	4:05	31.4	0.0	0.0	0.0	0.0	0.2
-21.8	20:27	-5.3	13:33	-23.7	23:04	26.2	0.0	0.0	0.0	0.0	0.5
-21.0	1:00	-4.8	15:09	-23.3	1:00	28.2	0.0	0.0	0.0	0.0	0.4
-14.7	1:17	-2.7	0:38	-17.5	7:36	24.5	0.0	0.0	0.0	0.0	0.3
-3.9	1:00	3.7	17:51	-5.8	1:00	15.6	0.0	4.6	25.8	4.6	0.2
-6.9	0:46	6.3	14:29	-9.3	0:46	19.1	0.0	0.2	0.0	4.8	0.9
-6.5	1:11	0.8	22:32	-8.9	1:11	18.9	0.0	1.0	0.0	1.0	0.3
1.9	1:04	11.4	23:44	-0.2	1:24	10.6	0.0	10.0	41.4	11.0	0.2
-3.7	13:33	11.8	1:30	-4.9	23:29	12.7	0.0	1.2	3.6	12.2	1.1
-6.5	0:52	6.1	13:36	-8.6	0:52	16.5	0.0	0.2	0.0	12.4	1.0
-8.8	0:45	-0.7	13:51	-11.3	0:45	21.1	0.0	0.0	0.0	0.0	0.6
-19.9	20:04	-7.0	14:59	-22.3	21:02	27.641	0	0.0	0.0	0.0	0.5

												Mean
		11.8						10.0	41.4	12.4	1.1	Maximum
-21.9				-24.6							0.0	Minimum
						638.7	0.0	41.0			17.2	Sum