Date Printed: 9/28/2020 09:24

Daily Summary Report

Site: Tower "L" (Heritage Center

9/27/2020

Interval: 001h

	01_TempC_002m	02_TempC_015m	03_TempC_030m	)5_SonicTemp_015m	)6_SonicTemp_030m	07_TempF_002m	08_TempF_015m	08_TempF_030m	09_VT_Grad_0215m
Time	DEGC	DEGC	DEGC	DEGC	DEGC	DEGF	DEGF	DEGF	DEGC
00:00	15.7	16.2	16.3	15.6	16.0	60.2	61.2	61.4	.55
01:00	15.4	16.0	16.0	15.4	15.6	59.7	60.7	60.8	.54
02:00	15.5	15.6	15.6	15.0	15.3	59.9	60.1	60.2	.15
03:00	15.6	15.5	15.5	14.9	15.1	60.1	59.9	59.8	-.15
04:00	15.7	15.7	15.7	15.2	15.4	60.3	60.2	60.2	-.04
05:00	15.4	15.6	15.6	15.1	15.3	59.7	60.1	60.1	.21
06:00	15.8	15.7	15.6	15.2	15.3	60.4	60.2	60.1	-.08
07:00	16.1	15.9	15.7	15.3	15.3	61.0	60.6	60.3	-.25
08:00	16.5	16.2	16.1	15.7	15.7	61.7	61.1	61.0	-.35
09:00	17.4	17.0	16.8	16.8	16.8	63.3	62.7	62.3	-.35
10:00	18.6	18.2	17.8	17.8	17.7	65.5	64.7	64.0	-.45
11:00	20.9	20.0	19.8	19.5	19.4	69.6	68.0	67.6	-.87
12:00	21.2	20.5	20.3	20.0	19.9	70.1	68.8	68.6	-.70
13:00	22.3	21.6	21.5	21.1	20.9	72.2	70.9	70.7	-.72
14:00	24.7	23.8	23.6	22.9	22.7	76.5	74.8	74.4	-.96
15:00	25.9	24.9	24.8	24.1	23.9	78.7	76.8	76.7	-1.02
16:00	26.4	25.8	25.8	24.7	24.6	79.5	78.4	78.5	-.64
17:00	26.4	26.0	26.0	25.0	24.9	79.6	78.7	78.8	-.47
18:00	25.3	25.4	25.6	24.6	24.6	77.5	77.7	78.1	.06
19:00	21.1	22.1	23.0	21.7	22.7	70.0	71.7	73.4	.95
20:00	19.0	20.0	20.6	19.7	20.4	66.2	68.0	69.0	1.01
21:00	18.9	19.5	19.7	19.2	19.6	65.9	67.1	67.5	.67
22:00	18.2	18.9	19.1	18.6	19.0	64.8	66.0	66.4	.67
23:00	18.2	18.7	18.8	18.3	18.6	64.8	65.6	65.8	.48
Avg	19.4	19.4	19.4	18.8	18.9	67.0	66.8	66.9	-.07
Max	26.4	26.0	26.0	25.0	24.9	79.6	78.7	78.8	1.01
Max Time	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	20:00
Min	15.4	15.5	15.5	14.9	15.1	59.7	59.9	59.8	-1.02
Count	24	24	24	24	24	24	24	24	24
Total									

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	10_VT_Grad_1530m	11_DewPtC_002m	12_DewPtF_002m	13_RH	14_AbsHum_002m	15_MixRatio_002m	6_Sat MixRatio_002r	17_VaporPr_002m	8_Sat_VaporPr_002r
Time	DEGC	DEGC	DEGF	PERCENT	G/M3	COUNT	COUNT	KPa	KPa
00:00	.11	15.3	15.9	97.9	13.1	0.011162	0.011404	17.4	18.1
01:00	.01	15.0	15.6	97.9	12.8	0.010935	0.011166	17.1	17.7
02:00	.01	15.2	15.7	98.0	12.9	0.011024	0.011252	17.2	17.9
03:00	-.01	15.3	15.9	98.0	13.0	0.011129	0.011354	17.4	18.0
04:00	-.02	15.4	16.0	98.0	13.1	0.011217	0.011443	17.5	18.2
05:00	.04	15.1	15.6	98.0	12.8	0.010949	0.011169	17.1	17.8
06:00	-.04	15.5	16.0	98.0	13.1	0.011231	0.011461	17.5	18.2
07:00	-.12	15.8	16.4	97.9	13.5	0.011514	0.011763	18.0	18.7
08:00	-.06	16.2	16.8	97.8	13.7	0.011788	0.012047	18.4	19.2
09:00	-.21	17.0	17.8	96.7	14.4	0.012424	0.012849	19.4	20.4
10:00	-.37	17.6	18.8	94.4	14.9	0.012876	0.013654	20.1	21.7
11:00	-.22	17.8	20.9	84.2	15.1	0.013128	0.015592	20.4	24.8
12:00	-.12	18.3	21.4	84.0	15.5	0.013524	0.016102	21.0	25.6
13:00	-.09	18.4	22.5	79.3	15.6	0.013665	0.017254	21.2	27.4
14:00	-.18	18.1	24.6	68.6	15.1	0.013379	0.01954	20.8	31.0
15:00	-.08	17.4	25.6	61.7	14.5	0.012848	0.020812	20.0	33.0
16:00	.04	15.9	26.2	54.4	13.2	0.011716	0.021537	18.2	34.1
17:00	.01	15.9	26.2	54.1	13.1	0.011662	0.021577	18.1	34.2
18:00	.24	17.3	25.3	62.7	14.4	0.012777	0.020459	19.8	32.4
19:00	.93	18.9	21.4	87.3	16.0	0.014065	0.01617	21.8	25.6
20:00	.58	18.1	19.3	94.7	15.4	0.013391	0.014141	20.8	22.4
21:00	.21	18.2	19.1	96.0	15.5	0.013452	0.014015	20.9	22.2
22:00	.19	17.8	18.5	97.2	15.1	0.013089	0.013471	20.3	21.4
23:00	.08	17.8	18.5	97.5	15.1	0.013126	0.013461	20.4	21.3
Avg	.04	16.8	19.6	87.3	14.2	0.012336	0.014737	19.2	23.4
Max	.93	18.9	26.2	98.0	16.0	0.014065	0.021577	21.8	34.2
Max Time	19:00	19:00	17:00	06:00	19:00	19:00	17:00	19:00	17:00
Min	-.37	15.0	15.6	54.1	12.8	0.010935	0.011166	17.1	17.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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Interval: 001h

	20_WetBulbC	21_Precip_mm	23_BarPres_In	24_BarPres_Mb	25_Solar_Wm2	26_Solar_Lang	27_WDir_015m	28_WDir_030m	29_VWDir_015m
Time	DEGC	MM	MM/HG	MM/HG	W/M2	Langleys	DEG	DEG	DEG
00:00	15.5	.0	29.23	988.8	-7.4	-.01	76.3	37.3	88.8
01:00	15.2	.0	29.23	988.6	-7.4	-.01	127.9	262.2	156.0
02:00	15.3	.0	29.22	988.5	-7.3	-.01	349.9	317.2	19.3
03:00	15.5	.0	29.22	988.3	-7.0	-.01	56.5	43.6 +	45.2
04:00	15.6	.0	29.21	988.2	-6.8	-.01	58.9	49.9	59.9
05:00	15.2	.0	29.22	988.3	-6.7	-.01	171.8	190.1	152.2
06:00	15.6	.0	29.23	988.6	-6.3	-.01	41.0	21.2	45.6
07:00	16.0	.0	29.24	988.9	-1.5	.00	357.6	14.6	352.6
08:00	16.4	.0	29.24	989.1	52.8	.08	103.7	115.5	95.3
09:00	17.3	.0	29.24	989.0	167.5	.24	13.8	25.8	16.1
10:00	18.0	.0	29.24	988.9	254.5	.37	106.0	182.5	169.4
11:00	18.9	.0	29.23	988.6	402.5	.58	269.2	267.4	276.4
12:00	19.3	.0	29.22	988.3	262.4	.38	235.4	243.7	237.0
13:00	19.8	.0	29.20	987.7	487.9	.70	197.2	205.7	202.5
14:00	20.2	.0	29.17	986.8	769.1	1.10	211.4	211.0	206.9
15:00	20.2	.0	29.14	985.8	662.7	.95	197.1	207.0	199.5
16:00	19.4	.0	29.12	985.1	516.6	.74	190.0	199.5	190.0
17:00	19.3	.0	29.11	984.7	360.1	.52	199.8	205.0	200.9
18:00	20.0	.0	29.11	984.7	158.3	.23	169.0	182.7	170.6
19:00	19.7	.0	29.11	984.8	5.8	.01	112.1	173.1	107.6
20:00	18.5	.0	29.12	985.1	-6.3	-.01	203.0	84.6	211.5
21:00	18.5	.0	29.13	985.4	-6.8	-.01	145.1	7.3	127.2
22:00	18.0	.0	29.13	985.4	-7.2	-.01	146.8	173.3	139.3
23:00	18.0	.0	29.13	985.3	-7.3	-.01	262.3	251.0	284.6
Avg	17.7	.0	29.18	987.2	167.6	.24	166.7	201.0	.0
Max	20.2	.0	29.24	989.1	769.1	1.10	357.6	317.2	352.6
Max Time	15:00	23:00	10:00	08:00	14:00	14:00	07:00	02:00	07:00
Min	15.2	.0	29.11	984.7	-7.4	-.01	13.8	7.3	16.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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Interval: 001h

	30_VWDir_030m	31_Sigma_015m	32_Sigma_030m	33_RWSpd_015m	34_RWSpd_030m	35_WSpd_015m	36_WSpd_030m	37_WSpdms_015m	38_WSpdms_030m
Time	DEG	DEG	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	47.0	41.1	47.5	.5	.3	1.0	1.1	.4	.5
01:00	218.7	28.5	61.4	.4	.4	.5	.6	.2	.3
02:00	306.7	27.5	18.4	.2	.5	.9	1.4	.4	.6
03:00	44.4 +	32.8	26.9	.4	.8	1.2	1.6	.5	.7
04:00	50.7	23.8	20.3	.9	1.5	1.1	1.7	.5	.8
05:00	102.8	20.1	26.9	.3	.3	.5	1.0	.2	.4
06:00	24.3	26.3	34.5	.5	.5	.6	.6	.3	.2
07:00	8.5	51.0	44.6	.3	.5	.5	.7	.2	.3
08:00	109.9	70.3	55.8	.4	.5	.7	.8	.3	.4
09:00	25.0	49.9	39.5	1.5	1.6	1.9	2.0	.9	.9
10:00	183.1	64.3	59.6	.1	.3	1.3	1.4	.6	.6
11:00	273.3	56.2	46.0	1.3	1.6	2.0	2.1	.9	1.0
12:00	242.1	49.3	51.3	1.4	1.6	1.8	2.1	.8	.9
13:00	211.6	54.5	50.4	1.7	2.2	2.6	3.0	1.2	1.4
14:00	208.0	54.9	41.7	2.0	2.4	2.9	3.1	1.3	1.4
15:00	209.5	44.1	38.2	2.5	2.8	3.3	3.4	1.5	1.5
16:00	199.0	22.6	17.2	4.9	5.9	5.3	6.2	2.4	2.8
17:00	206.2	24.0	19.6	5.1	6.3	5.8	6.9	2.6	3.1
18:00	182.8	22.0	15.1	3.0	4.2	3.3	4.4	1.5	2.0
19:00	157.1	38.2	44.2	1.0	.8	1.2	1.5	.5	.7
20:00	79.9	31.8	41.6	.3	.8	.6	.9	.3	.4
21:00	14.3	53.6	46.1	.3	.1	.4	.4	.2	.2
22:00	170.6	36.9	36.3	.4	.3	.4	.5	.2	.2
23:00	301.7	50.8	53.2	.4	.4	.6	1.0	.3	.4
Avg	172.5	40.6	39.0	.1	.1	1.7	2.0	.8	.9
Max	306.7	70.3	61.4	5.1	6.3	5.8	6.9	2.6	3.1
Max Time	02:00	08:00	01:00	17:00	17:00	17:00	17:00	17:00	17:00
Min	8.5	20.1	15.1	.1	.1	.4	.4	.2	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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Interval: 001h

	39_WElev_015m	40_WElev_030m	41_VSSpd_015m	42_VSSpd_030m	45_PkWsH_015m	46_PkWsH_30m	47_SigPhi_015m	48_SigPhi_030m
Time	DEG	DEG	MPH	MPH	MPH	MPH	DEG	DEG
00:00	-1.1	.6	-.01	.01	2.9	3.2	7.7	9.6
01:00	-1.1	-.1	-.02	.00	2.6	2.7	7.1	7.8
02:00	-1.6	.2	-.01	.00	2.3	2.6	9.2	7.0
03:00	-2.3	-1.7	-.04	-.06	3.7	4.3	8.1	9.7
04:00	1.3	-2.0	.02	-.06	3.4	4.2	9.0	8.5
05:00	-1.6	-1.9	-.02	-.03	2.1	3.1	7.2	7.7
06:00	-3.9	-2.7	-.04	-.04	1.3	1.6	10.0	8.1
07:00	-1.7	-4.7	-.02	-.06	2.1	2.1	13.2	13.6
08:00	-2.5	-4.4	-.03	-.09	2.5	2.3	20.4	22.1
09:00	-2.7	-3.2	-.11	-.15	4.3	4.5	20.0	20.5
10:00	2.8	2.1	.08	.03	4.0	4.3	33.6	34.2
11:00	7.4	9.1	.25	.45	7.0	6.5	28.6	29.4
12:00	-9.0	-10.3	-.29	-.40	5.9	7.2	25.6	26.4
13:00	-3.4	-4.6	-.23	-.27	10.3	8.7	26.4	27.2
14:00	-4.0	-4.1	-.18	-.20	6.9	7.7	28.4	28.8
15:00	-6.4	-3.8	-.38	-.26	8.9	9.8	23.9	25.5
16:00	-3.2	-2.7	-.36	-.24	12.1	13.1	14.6	14.1
17:00	-.5	1.6	-.19	.08	12.3	13.8	13.0	12.8
18:00	-.1	.9	-.08	.01	7.8	8.3	13.1	10.6
19:00	1.2	1.0	.04	.03	3.2	4.8	7.6	8.7
20:00	.2	-.4	.01	-.01	1.6	4.0	6.8	10.9
21:00	-.1	-1.5	.00	-.02	1.8	1.2	4.4	8.7
22:00	.6	-.8	.01	-.01	1.4	1.7	6.3	7.0
23:00	-1.0	-1.6	-.02	-.02	1.9	2.4	6.3	8.9
Avg	-1.4	-1.5	-.07	-.05	4.7	5.2	14.6	15.3
Max	7.4	9.1	.25	.45	12.3	13.8	33.6	34.2
Max Time	11:00	11:00	11:00	11:00	17:00	17:00	10:00	10:00
Min	-9.0	-10.3	-.38	-.40	1.3	1.2	4.4	7.0
Count	24	24	24	24	24	24	24	24
Total								