Date Printed: 9/25/2020 09:02

Daily Summary Report

Site: Tower "L" (Heritage Center

9/24/2020

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	15.3	15.3	15.4	14.6	15.0	59.5	59.5	59.7	-.04
01:00	15.3	15.1	15.2	14.4	14.8	59.6	59.2	59.4	-.22
02:00	15.2	15.0	15.0	14.3	14.6	59.4	59.0	59.0	-.20
03:00	15.2	14.9	14.8	14.2	14.4	59.3	58.9	58.7	-.22
04:00	15.0	14.8	14.7	14.1	14.2	59.0	58.6	58.5	-.22
05:00	14.8	14.6	14.5	13.8	14.0	58.7	58.3	58.1	-.24
06:00	14.2	14.0	14.0	13.2	13.5	57.6	57.3	57.3	-.19
07:00	14.2	13.9	13.8	13.2	13.3	57.6	57.1	56.9	-.30
08:00	14.5	14.1	14.0	13.4	13.5	58.1	57.4	57.2	-.36
09:00	15.0	14.5	14.4	13.8	13.9	58.9	58.2	57.9	-.43
10:00	15.4	15.0	14.8	14.3	14.3	59.8	59.0	58.7	-.43
11:00	15.6	15.2	15.0	14.4	14.5	60.1	59.3	58.9	-.45
12:00	15.7	15.2	15.0	14.5	14.5	60.2	59.4	59.0	-.48
13:00	16.1	15.7	15.5	15.0	15.1	61.1	60.2	59.9	-.47
14:00	16.6	16.2	16.0	15.5	15.5	61.9	61.1	60.7	-.47
15:00	16.8	16.4	16.2	15.7	15.8	62.3	61.5	61.2	-.41
16:00	16.7	16.3	16.2	15.7	15.8	62.1	61.4	61.1	-.39
17:00	16.7	16.3	16.1	15.7	15.8	62.0	61.3	61.0	-.37
18:00	16.6	16.2	16.1	15.6	15.7	61.8	61.2	61.0	-.33
19:00	16.4	16.1	16.0	15.6	15.7	61.6	61.0	60.8	-.29
20:00	16.3	16.1	16.0	15.5	15.7	61.4	60.9	60.8	-.24
21:00	16.4	16.1	16.0	15.6	15.7	61.4	61.0	60.8	-.27
22:00	16.4	16.2	16.1	15.7	15.8	61.6	61.1	60.9	-.27
23:00	16.6	16.4	16.3	16.0	16.1	61.9	61.5	61.4	-.22
Avg	15.7	15.4	15.3	14.7	14.9	60.3	59.7	59.5	-.31
Max	16.8	16.4	16.3	16.0	16.1	62.3	61.5	61.4	-.04
Max Time	15:00	23:00	23:00	23:00	23:00	15:00	23:00	23:00	00:00
Min	14.2	13.9	13.8	13.2	13.3	57.6	57.1	56.9	-.48
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	.13	14.6	15.4	96.2	12.5	0.01059	0.011004	16.6	17.5
01:00	.12	14.7	15.4	96.4	12.5	0.010636	0.011028	16.7	17.6
02:00	-.01	14.6	15.3	96.6	12.4	0.010554	0.010931	16.5	17.4
03:00	-.09	14.5	15.3	96.4	12.4	0.010519	0.010911	16.5	17.4
04:00	-.09	14.3	15.1	96.1	12.2	0.010387	0.010806	16.3	17.2
05:00	-.09	14.0	14.9	95.8	12.1	0.010241	0.010688	16.0	17.0
06:00	-.01	13.3	14.2	95.2	11.5	0.009713	0.010205	15.2	16.3
07:00	-.11	13.3	14.2	95.5	11.5	0.009734	0.010191	15.3	16.2
08:00	-.14	13.5	14.5	95.0	11.6	0.009842	0.010363	15.4	16.5
09:00	-.17	13.9	15.0	94.4	12.0	0.010152	0.010752	15.9	17.1
10:00	-.19	13.9	15.5	91.5	11.9	0.010153	0.011095	15.9	17.7
11:00	-.20	14.3	15.7	92.7	12.3	0.010423	0.011243	16.3	17.9
12:00	-.20	14.5	15.8	93.5	12.4	0.010567	0.011305	16.6	18.0
13:00	-.18	15.0	16.3	93.0	12.7	0.010873	0.011688	17.0	18.6
14:00	-.19	15.3	16.8	92.1	13.0	0.011107	0.012059	17.4	19.2
15:00	-.18	15.6	17.1	92.2	13.2	0.011294	0.012244	17.6	19.5
16:00	-.16	15.7	17.0	93.9	13.3	0.011436	0.012177	17.9	19.4
17:00	-.14	15.7	16.9	94.3	13.3	0.011443	0.012139	17.9	19.3
18:00	-.14	15.7	16.8	94.4	13.3	0.011395	0.012072	17.8	19.2
19:00	-.11	15.5	16.7	94.4	13.2	0.011282	0.011957	17.6	19.0
20:00	-.09	15.5	16.6	94.9	13.1	0.011262	0.011866	17.6	18.9
21:00	-.08	15.6	16.6	95.0	13.2	0.011326	0.011916	17.7	18.9
22:00	-.08	15.7	16.7	95.3	13.3	0.011397	0.011966	17.8	19.0
23:00	-.08	15.7	16.9	94.1	13.3	0.011449	0.012169	17.9	19.3
Avg	-.10	14.8	15.9	94.5	12.6	0.010741	0.011366	16.8	18.1
Max	.13	15.7	17.1	96.6	13.3	0.011449	0.012244	17.9	19.5
Max Time	00:00	23:00	15:00	02:00	23:00	23:00	15:00	23:00	15:00
Min	-.20	13.3	14.2	91.5	11.5	0.009713	0.010191	15.2	16.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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Interval: 001h

	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	14.9	.2	29.29	990.8	-6.4	-.01	81.2	59.7	89.8
01:00	14.9	.5	29.29	990.8	-6.3	-.01	127.2	141.1	132.7
02:00	14.8	.8	29.29	990.7	-6.7	-.01	81.9	68.8	76.3
03:00	14.7	.8	29.28	990.3	-6.9	-.01	32.7	36.1	29.7
04:00	14.5	1.5	29.28	990.3	-6.9	-.01	45.4	47.7	41.1
05:00	14.3	2.0	29.28	990.3	-6.9	-.01	58.9	56.1	54.5
06:00	13.6	.9	29.28	990.4	-6.8	-.01	42.2	42.6	40.7
07:00	13.6	.6	29.27	990.2	-4.5	-.01	60.5	62.7	57.6
08:00	13.9	1.0	29.29	990.6	22.5	.03	55.8	59.2	49.5
09:00	14.3	.6	29.29	990.8	64.3	.09	63.7	67.3	59.3
10:00	14.5	.3	29.30	991.2	110.2	.16	49.9	56.9	48.7
11:00	14.8	.3	29.31	991.3	110.7	.16	24.2	37.9	22.4
12:00	15.0	.9	29.29	990.9	124.5	.18	28.6	39.2	31.5
13:00	15.4	1.0	29.28	990.2	131.4	.19	50.5	60.7	52.2
14:00	15.8	.6	29.25	989.4	163.7	.23	66.8	76.7	63.6
15:00	16.0	1.0	29.24	989.1	83.9	.12	48.7	57.6	47.4
16:00	16.2	2.2	29.24	989.0	54.2	.08	40.6	51.2	39.3
17:00	16.1	1.0	29.24	988.9	45.4	.07	56.3	63.8	54.0
18:00	16.1	.9	29.22	988.4	23.2	.03	51.3	59.6	47.9
19:00	15.9	1.5	29.22	988.4	-3.2	.00	43.4	52.8	42.3
20:00	15.8	5.1	29.22	988.4	-6.8	-.01	54.3	62.8	56.5
21:00	15.9	4.8	29.22	988.4	-6.6	-.01	54.3	63.0	51.6
22:00	16.0	2.8	29.21	987.9	-6.8	-.01	44.4	51.6	38.0
23:00	16.1	7.9	29.21	987.9	-6.4	-.01	32.7	43.3	36.3
Avg	15.1	1.6	29.26	989.7	35.5	.05	54.0	58.0	.0
Max	16.2	7.9	29.31	991.3	163.7	.23	127.2	141.1	132.7
Max Time	16:00	23:00	11:00	11:00	14:00	14:00	01:00	01:00	01:00
Min	13.6	.2	29.21	987.9	-6.9	-.01	24.2	36.1	22.4
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	66.6	33.0	39.9	1.3	1.7	1.7	2.2	.8	1.0
01:00	149.4	21.6	39.2	1.2	1.2	1.7	2.0	.8	.9
02:00	61.7	19.3	18.4	1.0	1.2	1.3	1.8	.6	.8
03:00	36.9	17.2	13.4	1.6	2.2	1.9	2.4	.8	1.1
04:00	48.3	22.4	17.5	1.8	2.9	2.0	3.1	.9	1.4
05:00	58.1	48.0	24.9	1.1	2.2	1.3	2.4	.6	1.1
06:00	44.0	41.9	25.0	1.3	2.4	1.8	2.8	.8	1.3
07:00	62.6	21.2	15.6	2.0	2.9	2.1	3.0	.9	1.3
08:00	59.4	26.7	18.4	1.7	2.5	1.8	2.7	.8	1.2
09:00	67.1	26.9	21.5	1.9	2.7	2.1	2.9	.9	1.3
10:00	58.4	18.8	15.5	3.1	4.1	3.4	4.4	1.5	2.0
11:00	35.6	20.0	21.3	3.4	3.8	3.6	4.1	1.6	1.8
12:00	43.2	21.3	18.0	4.3	4.9	4.7	5.3	2.1	2.4
13:00	62.2	20.4	20.4	4.3	5.3	4.5	5.5	2.0	2.5
14:00	73.7	24.0	19.8	2.8	3.7	3.0	3.9	1.3	1.8
15:00	57.4	14.3	14.0	3.2	4.0	3.4	4.1	1.5	1.8
16:00	51.4	17.4	16.0	3.6	4.1	3.8	4.3	1.7	1.9
17:00	63.3	15.1	12.9	3.6	4.8	3.7	4.9	1.7	2.2
18:00	58.4	18.8	15.8	4.3	5.7	4.6	6.0	2.0	2.7
19:00	52.2	19.8	16.6	4.5	5.8	4.7	6.0	2.1	2.7
20:00	67.5	22.1	20.7	3.8	5.4	4.6	6.2	2.1	2.8
21:00	63.4	15.2	12.3	5.4	7.8	5.8	8.2	2.6	3.7
22:00	49.1	24.8	22.7	7.8	10.4	8.9	11.6	4.0	5.2
23:00	49.5	26.3	20.0	6.2	8.1	7.2	9.1	3.2	4.1
Avg	58.9	23.2	20.0	2.0	2.0	3.5	4.5	1.6	2.0
Max	149.4	48.0	39.9	7.8	10.4	8.9	11.6	4.0	5.2
Max Time	01:00	05:00	00:00	22:00	22:00	22:00	22:00	22:00	22:00
Min	35.6	14.3	12.3	1.0	1.2	1.3	1.8	.6	.8
Count	24	24	24	24	24	24	24	24	24
Total									

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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	-.4	-1.2	-.03	-.07	3.8	4.5	8.4	9.2
01:00	-2.1	-1.7	-.08	-.05	3.8	4.4	6.8	6.7
02:00	-.3	-1.1	.00	-.04	3.2	3.9	9.9	8.9
03:00	1.6	2.3	.05	.08	4.0	4.7	9.7	8.8
04:00	1.0	1.2	.02	.01	4.6	5.6	10.9	8.7
05:00	.7	2.6	-.02	.03	6.8	7.3	14.5	12.8
06:00	-1.8	-1.6	-.07	-.12	4.8	5.4	11.1	11.5
07:00	-2.2	-1.9	-.08	-.13	5.5	6.9	12.0	11.5
08:00	1.4	-.3	-.03	-.07	5.5	6.6	14.6	13.0
09:00	.2	1.5	-.06	-.07	6.2	7.8	17.0	18.8
10:00	2.9	1.1	.08	-.02	7.5	9.2	14.8	13.5
11:00	2.0	2.9	.08	.14	7.9	7.8	11.9	13.4
12:00	-1.0	-1.2	-.17	-.22	9.1	10.0	11.0	12.3
13:00	-.4	-1.3	-.17	-.33	11.4	11.9	12.8	13.0
14:00	1.2	1.2	-.01	.00	10.9	11.6	19.1	17.3
15:00	-.1	-.7	-.08	-.15	7.3	8.0	12.6	13.3
16:00	-.1	-.3	-.06	-.11	7.4	8.5	11.0	12.0
17:00	-.6	-2.2	-.13	-.26	9.0	10.5	13.1	11.0
18:00	-.6	-2.0	-.10	-.29	11.6	13.8	11.7	10.7
19:00	.6	-.5	-.04	-.19	12.2	12.3	11.1	10.5
20:00	-.1	-1.5	-.07	-.24	10.3	12.5	11.7	9.4
21:00	-.1	-1.6	-.13	-.34	16.0	17.1	12.4	9.6
22:00	-.2	-1.7	-.20	-.46	21.7	23.5	11.0	8.2
23:00	-.9	-.4	-.19	-.20	19.3	22.1	11.2	10.8
Avg	.0	-.4	-.06	-.13	8.7	9.8	12.1	11.5
Max	2.9	2.9	.08	.14	21.7	23.5	19.1	18.8
Max Time	10:00	11:00	11:00	11:00	22:00	22:00	14:00	09:00
Min	-2.2	-2.2	-.20	-.46	3.2	3.9	6.8	6.7
Count	24	24	24	24	24	24	24	24
Total								