Date Printed: 9/26/2020 08:11

Daily Summary Report

Site: Tower "L" (Heritage Center

9/25/2020

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	16.5	16.3	16.2	15.9	16.0	61.8	61.3	61.1	-.25
01:00	16.5	16.3	16.2	15.8	15.9	61.7	61.3	61.1	-.26
02:00	16.5	16.2	16.1	15.8	15.9	61.7	61.2	61.1	-.28
03:00	16.6	16.3	16.2	15.9	16.0	61.9	61.4	61.2	-.28
04:00	16.6	16.3	16.2	16.0	16.0	61.9	61.3	61.1	-.29
05:00	16.7	16.4	16.3	16.1	16.1	62.1	61.6	61.4	-.29
06:00	16.8	16.6	16.5	16.2	16.3	62.3	61.9	61.7	-.25
07:00	16.9	16.7	16.6	16.4	16.5	62.5	62.0	61.9	-.28
08:00	17.3	17.0	16.9	16.7	16.8	63.1	62.5	62.4	-.32
09:00	17.6	17.2	17.1	16.9	17.0	63.6	63.0	62.8	-.38
10:00	17.8	17.3	17.2	17.0	17.0	64.0	63.2	63.0	-.44
11:00	18.2	17.7	17.5	17.4	17.4	64.8	63.9	63.6	-.50
12:00	19.0	18.5	18.3	18.0	17.9	66.3	65.3	65.0	-.55
13:00	19.5	19.0	18.7	18.4	18.3	67.1	66.2	65.7	-.52
14:00	19.9	19.4	19.2	18.8	18.8	67.9	66.9	66.6	-.53
15:00	19.6	19.1	19.0	18.6	18.6	67.2	66.4	66.1	-.43
16:00	19.6	19.2	19.0	18.7	18.7	67.3	66.5	66.2	-.43
17:00	20.0	19.6	19.5	19.1	19.1	68.0	67.2	67.1	-.42
18:00	19.8	19.4	19.4	19.0	19.0	67.6	67.0	66.9	-.34
19:00	19.2	19.1	19.2	18.7	18.9	66.6	66.3	66.5	-.17
20:00	18.8	18.6	18.7	18.3	18.5	65.8	65.6	65.7	-.14
21:00	18.5	18.4	18.6	18.1	18.4	65.3	65.1	65.4	-.11
22:00	18.2	18.2	18.3	17.8	18.1	64.8	64.7	65.0	-.02
23:00	18.1	18.0	18.2	17.7	17.9	64.6	64.5	64.7	-.10
Avg	18.1	17.8	17.7	17.4	17.5	64.6	64.0	63.9	-.32
Max	20.0	19.6	19.5	19.1	19.1	68.0	67.2	67.1	-.02
Max Time	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	22:00
Min	16.5	16.2	16.1	15.8	15.9	61.7	61.2	61.1	-.55
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	-.09	15.8	16.8	94.9	13.4	0.011482	0.012099	17.9	19.2
01:00	-.10	15.7	16.8	94.7	13.3	0.011447	0.012086	17.8	19.2
02:00	-.09	15.7	16.8	94.7	13.3	0.011453	0.012099	17.9	19.2
03:00	-.10	15.7	16.9	94.3	13.3	0.011466	0.012161	17.9	19.3
04:00	-.10	15.8	16.9	94.8	13.4	0.011506	0.012142	17.9	19.2
05:00	-.10	15.9	17.0	94.8	13.5	0.011599	0.012237	18.1	19.4
06:00	-.08	16.1	17.1	95.2	13.6	0.011725	0.012323	18.3	19.6
07:00	-.08	16.3	17.2	95.9	13.8	0.011904	0.01241	18.5	19.7
08:00	-.08	16.5	17.6	95.0	14.0	0.012075	0.01271	18.8	20.2
09:00	-.11	16.7	17.9	94.2	14.2	0.012209	0.012959	19.0	20.6
10:00	-.14	16.9	18.1	94.0	14.3	0.01232	0.0131	19.2	20.8
11:00	-.18	17.3	18.6	93.8	14.6	0.012647	0.013477	19.7	21.4
12:00	-.19	17.3	19.4	89.5	14.7	0.012697	0.014179	19.8	22.5
13:00	-.23	17.2	19.8	86.2	14.5	0.012562	0.014571	19.6	23.2
14:00	-.21	17.3	20.3	84.4	14.6	0.012653	0.014989	19.7	23.8
15:00	-.17	17.5	19.9	87.4	14.7	0.012811	0.014657	19.9	23.3
16:00	-.16	17.5	19.9	87.2	14.7	0.012806	0.014682	19.9	23.3
17:00	-.08	17.5	20.3	85.2	14.8	0.012838	0.015069	20.0	23.9
18:00	-.02	17.7	20.1	87.5	15.0	0.013002	0.014868	20.2	23.6
19:00	.09	18.1	19.6	92.6	15.3	0.01331	0.014378	20.7	22.9
20:00	.08	18.1	19.1	95.2	15.4	0.013304	0.013977	20.7	22.2
21:00	.17	17.9	18.9	95.9	15.2	0.013154	0.013711	20.5	21.8
22:00	.14	17.7	18.5	96.8	15.1	0.013018	0.013445	20.3	21.4
23:00	.11	17.7	18.5	97.0	15.0	0.012976	0.013371	20.2	21.3
Avg	-.07	16.9	18.4	92.6	14.3	0.012374	0.013404	19.3	21.3
Max	.17	18.1	20.3	97.0	15.4	0.01331	0.015069	20.7	23.9
Max Time	21:00	20:00	17:00	23:00	20:00	19:00	17:00	20:00	17:00
Min	-.23	15.7	16.8	84.4	13.3	0.011447	0.012086	17.8	19.2
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	16.1	4.5	29.20	987.8	-7.1	-.01	45.0	51.6	44.7
01:00	16.1	5.3	29.19	987.4	-7.2	-.01	44.6	52.9	46.0
02:00	16.1	1.6	29.19	987.3	-7.1	-.01	50.4	57.6	48.8
03:00	16.1	.3	29.17	986.7	-7.1	-.01	45.0	52.9	43.9
04:00	16.1	.3	29.17	986.5	-7.0	-.01	48.7	54.8	47.9
05:00	16.3	.3	29.16	986.2	-7.0	-.01	46.3	53.4	45.5
06:00	16.4	.9	29.17	986.8	-6.7	-.01	38.8	56.0	37.6
07:00	16.6	1.2	29.18	987.2	-4.1	-.01	46.2	53.0	46.2
08:00	16.9	1.2	29.20	987.7	14.6	.02	48.5	54.1	47.8
09:00	17.1	.9	29.22	988.2	77.7	.11	48.6	55.5	47.7
10:00	17.3	.5	29.23	988.7	125.5	.18	49.7	55.3	49.0
11:00	17.7	.0	29.24	989.0	185.9	.27	53.7	60.6	53.2
12:00	18.0	.0	29.24	988.9	296.6	.43	58.6	68.8	57.8
13:00	18.0	.0	29.23	988.7	284.5	.41	69.1	76.9	68.9
14:00	18.3	.0	29.22	988.3	210.4	.30	51.6	61.8	47.2
15:00	18.3	.0	29.22	988.2	92.7	.13	49.4	58.3	46.5
16:00	18.3	.0	29.21	988.2	100.4	.14	57.1	66.5	55.3
17:00	18.4	.0	29.22	988.3	102.1	.15	99.3	103.6	97.1
18:00	18.5	.0	29.22	988.5	27.3	.04	104.2	101.9	103.3
19:00	18.6	.0	29.23	988.7	-3.2	.00	97.5	84.2	99.4
20:00	18.4	.0	29.24	988.9	-6.8	-.01	80.9	60.7	82.6
21:00	18.2	.0	29.25	989.4	-7.2	-.01	55.3	38.6	64.5
22:00	18.0	.0	29.26	989.6	-7.3	-.01	71.4	46.7	66.0
23:00	18.0	.0	29.26	989.8	-7.3	-.01	95.5	80.9	96.9
Avg	17.4	.7	29.21	988.1	59.7	.09	60.6	62.0	.0
Max	18.6	5.3	29.26	989.8	296.6	.43	104.2	103.6	103.3
Max Time	19:00	01:00	23:00	23:00	12:00	12:00	18:00	17:00	18:00
Min	16.1	.0	29.16	986.2	-7.3	-.01	38.8	38.6	37.6
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	52.0	11.6	9.9	7.0	8.7	7.2	8.9	3.2	4.0
01:00	54.7	15.9	13.5	5.5	6.9	5.6	7.1	2.5	3.2
02:00	57.7	15.6	12.7	6.0	7.7	6.2	8.0	2.8	3.6
03:00	52.6	13.8	10.6	6.7	8.6	6.9	8.8	3.1	3.9
04:00	55.0	13.5	11.2	5.5	7.2	5.6	7.3	2.5	3.3
05:00	52.5	16.1	13.4	5.2	6.9	5.4	7.1	2.4	3.2
06:00	53.1	38.1	25.6	1.7	2.6	2.0	2.9	.9	1.3
07:00	53.2	16.6	13.9	3.1	4.3	3.2	4.4	1.5	2.0
08:00	54.3	15.0	12.9	5.2	6.8	5.4	7.0	2.4	3.1
09:00	55.2	14.7	12.2	6.5	8.4	6.7	8.6	3.0	3.8
10:00	55.3	13.9	12.8	6.4	8.2	6.6	8.4	3.0	3.7
11:00	61.2	16.6	15.2	4.1	5.3	4.2	5.5	1.9	2.4
12:00	68.4	16.1	13.9	5.7	7.4	5.9	7.6	2.6	3.4
13:00	77.6	19.5	15.1	4.9	6.7	5.2	6.9	2.3	3.1
14:00	58.4	19.4	18.4	4.9	5.6	5.2	5.9	2.3	2.6
15:00	57.3	17.5	14.6	4.0	4.8	4.2	5.0	1.9	2.2
16:00	66.4	17.4	13.3	3.1	3.8	3.2	4.0	1.4	1.8
17:00	98.6	24.8	22.4	1.8	2.3	2.0	2.6	.9	1.2
18:00	102.0	17.4	14.0	1.6	2.3	1.7	2.4	.8	1.1
19:00	84.2	13.7	13.1	1.1	1.6	1.2	1.7	.5	.8
20:00	64.9	20.9	21.2	.8	1.3	.9	1.3	.4	.6
21:00	42.9	35.3	19.3	.8	1.7	.9	2.0	.4	.9
22:00	44.0	31.8	20.6	.7	1.5	.9	1.6	.4	.7
23:00	85.9	16.6	20.5	1.0	1.9	1.0	2.0	.5	.9
Avg	62.1	18.8	15.4	5.8	5.8	4.1	5.3	1.8	2.4
Max	102.0	38.1	25.6	7.0	8.7	7.2	8.9	3.2	4.0
Max Time	18:00	06:00	06:00	00:00	00:00	00:00	00:00	00:00	00:00
Min	42.9	11.6	9.9	.7	1.3	.9	1.3	.4	.6
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	-.9	-2.1	-.20	-.43	13.2	17.0	8.8	7.9
01:00	.1	-1.0	-.11	-.27	13.0	15.5	11.9	11.1
02:00	-.3	-1.5	-.15	-.32	14.4	17.5	11.4	10.1
03:00	.1	-1.2	-.10	-.30	14.3	16.9	10.3	8.7
04:00	-.1	-1.6	-.11	-.31	13.3	14.6	11.1	9.8
05:00	1.5	.1	-.01	-.18	12.0	14.7	11.8	11.2
06:00	.9	-.3	.01	-.04	6.5	6.8	17.3	15.1
07:00	.8	.5	.00	-.05	10.1	13.7	12.9	11.6
08:00	.1	-.7	-.16	-.25	11.9	15.5	12.7	11.1
09:00	-.3	-2.0	-.15	-.39	14.1	15.6	12.0	9.8
10:00	-.1	-1.3	-.17	-.39	15.2	18.1	11.9	11.7
11:00	-.5	-2.6	-.17	-.38	10.5	12.2	15.3	13.7
12:00	-.2	-1.4	-.17	-.39	12.8	15.8	13.2	13.3
13:00	-.4	-1.9	-.14	-.35	10.4	11.8	14.0	11.0
14:00	-.9	-1.6	-.20	-.35	10.9	11.7	14.2	15.7
15:00	.0	-.1	-.04	-.08	9.1	9.5	12.3	11.6
16:00	-.5	-3.8	-.13	-.35	6.4	7.2	14.0	12.4
17:00	2.1	.4	-.03	-.05	6.3	6.9	21.1	18.6
18:00	-2.1	-3.5	-.09	-.17	5.1	5.5	13.1	10.3
19:00	-1.7	-2.5	-.04	-.08	2.7	3.0	7.6	7.1
20:00	-2.9	-2.7	-.03	-.08	2.5	3.4	9.8	12.7
21:00	-.3	-.5	-.01	-.02	2.2	3.7	8.1	5.2
22:00	.2	-1.8	.00	-.04	2.3	3.9	8.4	8.7
23:00	.4	-2.2	.00	-.07	2.5	4.0	9.9	10.6
Avg	-.2	-1.5	-.09	-.22	9.2	11.0	12.2	11.2
Max	2.1	.5	.01	-.02	15.2	18.1	21.1	18.6
Max Time	17:00	07:00	06:00	21:00	10:00	10:00	17:00	17:00
Min	-2.9	-3.8	-.20	-.43	2.2	3.0	7.6	5.2
Count	24	24	24	24	24	24	24	24
Total								