Date Printed: 9/7/2022 14:31

Daily Summary Report

Site: Tower "F" (8500 Area)

9/5/2022

Interval: 001h

	01_TempC_010m	02_TempF_010m	2a_SonicTemp_010r	03_DewPtC_010m	04_DewPtF_010m	05_RH_010m	06_AbsHum_010m	07_Mix Ratio_010m	3_Sat Mix Ratio_010
Time	DEGC	DEGF	DEGC	DEGC	DEGF	PERCENT	None	COUNT	COUNT
00:00	22.2	72.0	22.8	20.9	69.6	93.2	17.9	0.015846	0.017
01:00	21.6	70.9	22.2	20.4	68.7	93.8	17.4	0.015365	0.016387
02:00	21.3	70.3	21.9	20.1	68.2	94.1	17.2	0.015107	0.01605
03:00	21.3	70.2 >	21.9	20.1 >	68.2 >	94.3	17.2 >	0.015097 >	0.016005 >
04:00	21.2	70.2	21.9	20.1	68.2	94.4	17.1	0.015084	0.015972
05:00	21.2	70.2	21.9	20.1	68.2	94.5	17.2	0.0151	0.015985
06:00	21.1	70.0	21.8	20.0	68.0	94.5	17.0	0.014982	0.015849
07:00	21.0	69.9	21.7	20.0	67.9	94.6	17.0	0.014926	0.015785
08:00	21.0	69.9	21.7	19.9	67.8	94.4	17.0	0.014902	0.015787
09:00	21.3	70.3	21.9	20.0	68.0	93.7	17.1	0.015011	0.016023
10:00	21.9	71.3	22.4	20.1	68.1	91.0	17.1	0.015111	0.0166
11:00	21.8	71.2	22.3	20.1	68.2	91.5	17.2	0.015135	0.016536
12:00	21.8	71.2	22.3	20.3	68.6	92.7	17.4	0.015305	0.016513
13:00	22.0	71.6	22.5	20.5	68.9	92.3	17.5	0.015469	0.016768
14:00	22.8	73.0	23.2	20.4	68.7	88.1	17.5	0.015465	0.017566
15:00	23.2	73.8	23.6	19.8	67.6	82.8	16.9	0.014916	0.018026
16:00	23.7	74.6	23.9	19.5	67.1	79.2	16.5	0.014657	0.018517
17:00	23.7	74.6	24.0	20.1	68.2	82.0	17.2	0.015216	0.018556
18:00	23.6	74.4	23.9	20.7	69.2	85.6	17.8	0.015752	0.018403
19:00	23.2	73.7	23.7	21.0	69.8	89.1	18.1	0.016021	0.017987
20:00	22.9	73.2	23.5	21.1	70.0	91.1	18.2	0.016119	0.017702
21:00	22.7	72.8	23.3	21.2	70.1	92.4	18.2	0.016145	0.017471
22:00	22.2	72.0	22.8	20.9	69.6	93.4	18.0	0.015866	0.016996
23:00	22.1	71.8	22.7	20.8	69.5	93.8	17.9	0.015801	0.016839
Avg	22.1	71.8	22.7	20.3	68.6	91.1	17.4	0.01535	0.016888
Max	23.7	74.6	24.0	21.2	70.1	94.6	18.2	0.016145	0.018556
Max Time	17:00	17:00	17:00	21:00	21:00	07:00	21:00	21:00	17:00
Min	21.0	69.9	21.7	19.5	67.1	79.2	16.5	0.014657	0.015785
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	09_VaporPr_010m	)_Sat Vapor_Pr_010	14_Precip_In	15_BarPres_In	15a_BarPres_In	16_BarPres_Mb	17_Solar_Rad_Wm2	18_Solar_Rad_Lang	19_WDir_010m
Time	KPa	KPa	INCHES	INHG	INHG	KPa	W/M2	Langleys	DEG
00:00	24.5	26.9	.21	29.07	28.93	984.3	-.2	.00	4.6
01:00	23.7	25.9	.27	29.06	28.92	984.1	-.1	.00	346.3
02:00	23.3	25.4	.01	29.05	28.91	983.8	-.2	.00	6.9
03:00	23.3 >	25.3 >	.00	29.05	28.90 >	983.8 >	-.2 >	.00	8.2
04:00	23.3	25.3	.01	29.05	28.90	983.8	-.3	.00	8.7
05:00	23.3	25.3	.28	29.05	28.90	983.8	-.3	.00	17.3
06:00	23.1	25.1	.10	29.05	28.91	983.9	-.6	.00	70.9
07:00	23.1	25.0	.01	29.06	28.92	984.1	5.6	.01	48.6
08:00	23.0	25.0	.02	29.06	28.92	984.1	50.2	.07	29.5
09:00	23.2	25.4	.00	29.07	28.94	984.4	132.6	.19	45.6
10:00	23.3	26.3	.01	29.07	28.94	984.5	199.6	.29	57.8
11:00	23.4	26.2	.01	29.07	28.95	984.6	111.9	.16	352.1
12:00	23.6	26.1	.09	29.07	28.94	984.5	92.4	.13	342.7
13:00	23.9	26.5	.13	29.07	28.94	984.5	179.2	.26	357.6
14:00	23.9	27.8	.01	29.07	28.93	984.3	284.9	.41	316.0
15:00	23.0	28.5	.00	29.06	28.92	984.1	254.7	.37	103.2
16:00	22.7	29.3	.00	29.06	28.92	984.1	221.3	.32	177.3
17:00	23.5	29.4	.00	29.06	28.92	984.1	132.3	.19	220.4
18:00	24.3	29.1	.00	29.06	28.92	984.1	70.3	.10	211.8
19:00	24.7	28.5	.00	29.06	28.92	984.1	23.1	.03	302.3
20:00	24.9	28.0	.00	29.06	28.92	984.1	-.4	.00	59.3
21:00	24.9	27.7	.00	29.07	28.94	984.4	-.5	.00	164.9
22:00	24.5	26.9	.00	29.07	28.94	984.5	-.6	.00	249.3
23:00	24.4	26.7	.00	29.07	28.94	984.5	-.4	.00	245.7
Avg	23.7	26.7	.05	29.06	28.92	984.2	73.0	.11	8.0
Max	24.9	29.4	.28	29.07	28.95	984.6	284.9	.41	357.6
Max Time	21:00	17:00	05:00	23:00	11:00	11:00	14:00	14:00	13:00
Min	22.7	25.0	.00	29.05	28.90	983.8	-.6	.00	4.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	20_VWDir_010m	21_Sigma_010m	22_RWSpd_010m	23_WSpd_010m	24_WSpdms_10m	25_WElev_010m	26_VSSpd_010m	29_PkWsH_010m	30_SigPhi_010m
Time	DEG	DEG	MPH	MPH	M/SEC	DEG	MPH	MPH	DEG
00:00	12.1	23.8	2.0	2.3	1.0	-12.0	-.52	<	11.5
01:00	22.2	70.6	.8	2.5	1.1	-12.7	-.53	8.3	14.9
02:00	10.9	39.6	1.4	1.9	.8	-10.8	-.39	4.0	10.2
03:00	8.6	11.1	2.5	2.5	1.1 >	-11.7	-.55 >	<	8.7
04:00	7.3	18.7	2.4	2.5	1.1	-11.5	-.57	6.2	10.0
05:00	18.0	14.4	3.7	3.8	1.7	-10.5	-.80	7.9	9.5
06:00	71.1	18.6	3.7	4.2	1.9	-8.2	-.67	8.1	10.1
07:00	47.5	18.0	3.6	4.0	1.8	-8.5	-.64	8.8	10.9
08:00	30.3	12.8	4.0	4.1	1.8	-7.3	-.61	8.0	11.1
09:00	45.1	18.8	4.2	4.4	2.0	-6.8	-.61	8.4	11.3
10:00	62.4	31.9	2.8	3.4	1.5	-4.6	-.40	7.6	15.3
11:00	352.8	26.9	2.3	2.5	1.1	-11.3	-.59	5.9	12.8
12:00	343.2	17.2	2.2	2.3	1.0	-11.4	-.53	4.8	11.4
13:00	356.9	17.5	2.0	2.1	.9	-13.0	-.53	4.1	12.1
14:00	319.7	33.1	1.3	1.6	.7	-14.0	-.49	3.7	19.6
15:00	107.9	43.0	1.8	2.1	.9	2.6	.02	6.6	17.6
16:00	171.3	24.8	1.8	2.1	.9	.9	.03	5.3	16.5
17:00	217.7	28.3	1.0	1.3	.6	-4.0	-.14	3.0	19.4
18:00	207.9	23.7	1.2	1.4	.6	-2.0	-.07	2.6	16.3
19:00	282.5	49.2	.1	.9	.4	-8.1	-.14	2.8	18.2
20:00	86.7	53.6	.4	.7	.3	-10.6	-.13	2.9	11.7
21:00	168.1	41.9	.4	.6	.3	-7.8	-.08	1.7	9.1
22:00	247.5	24.0	1.3	1.5	.7	-12.4	-.37	3.6	11.7
23:00	245.2	36.0	1.0	1.2	.5	-10.6	-.32	3.4	20.4
Avg	28.0	29.1	1.2	2.3	1.0	-8.6	-.40	5.4	13.3
Max	356.9	70.6	4.2	4.4	2.0	2.6	.03	8.8	20.4
Max Time	13:00	01:00	09:00	09:00	09:00	15:00	16:00	07:00	23:00
Min	7.3	11.1	.1	.6	.3	-14.0	-.80	1.7	8.7
Count	24	24	24	24	24	24	24	22	24
Total									