Date Printed: 11/6/2018 19:41

Daily Summary Report

Site: Tower "F" (8500 Area)

9/27/2018

Interval: 001h

	)1_TempC_010m	)2_TempF_010m	ı_SonicTemp_01	05_RH_010m	6_AbsHum_010r	7_Mix Ratio_010ı	Sat Mix Ratio_01	)9_VaporPr_010n	Sat Vapor_Pr_01
Hour	DEGC	DEGF	DEGC	PERCENT	None	COUNT	COUNT	KPa	KPa
00:00	20.5	68.8	20.9	89.5	15.6	0.013648	0.015253	21.1	24.1
01:00	19.8	67.6	20.2	88.3	14.8	0.012924	0.014642	20.0	23.1
02:00	19.3	66.7	19.8	89.5	14.6	0.012707	0.014201	19.7	22.4
03:00	19.2	66.6	19.8	90.2	14.6	0.012735	0.014121	19.7	22.3
04:00	19.3	66.7	19.9	89.9	14.6	0.012757	0.014196	19.7	22.4
05:00	19.3	66.7	19.8	89.9	14.6	0.012763	0.014195	19.7	22.4
06:00	19.2	66.5	19.8	90.9	14.7	0.012812	0.014093	19.8	22.3
07:00	19.3	66.7 >	19.9	91.3	14.9 >	0.012974 >	0.014212 >	20.1 >	22.4 >
08:00	19.6	67.4	20.2	91.2	15.2	0.013249	0.014522	20.5	22.9
09:00	19.8	67.7	20.3	91.1	15.3	0.013362	0.014671	20.7	23.2
10:00	20.2	68.3	20.7	90.7	15.5	0.013604	0.014992	21.0	23.7
11:00	20.5	68.9	21.1	90.3	15.8	0.013827	0.015316	21.4	24.2
12:00	21.1	69.9	21.5	89.6	16.2	0.014217	0.015876	21.9	25.1
13:00	21.7	71.0	22.0	88.2	16.4	0.014511	0.016457	22.4	26.0
14:00	21.6	70.8	22.0	88.0	16.3	0.014416	0.016377	22.2	25.8
15:00	21.4	70.6	21.9	88.6	16.3	0.014374	0.016231	22.2	25.6
16:00	21.7	71.1	22.1	87.7	16.4	0.014488	0.016519	22.3	26.0
17:00	21.3	70.3	21.7	88.2	16.1	0.01419	0.016085	21.9	25.4
18:00	19.6	67.4	20.3	90.6	15.1	0.013174	0.014538	20.3	22.9
19:00	19.3	66.7	19.9	91.2	14.8	0.012965	0.014209	20.0	22.4
20:00	18.6	65.5	19.3	90.7	14.2	0.012339	0.013604	19.1	21.5
21:00	17.6	63.7	18.4	92.5	13.6	0.011819	0.012784	18.3	20.2
22:00	17.1	62.7	17.9	93.1	13.3	0.011498	0.012352	17.8	19.5
23:00	16.9	62.4	17.7	93.6	13.2	0.01142	0.012194	17.7	19.3
Avg	19.7	67.5	20.3	90.2	15.1	0.013199	0.014652	20.4	23.1
Max	21.7	71.1	22.1	93.6	16.4	0.014511	0.016519	22.4	26.0
Hr. of Max	16	16	16	23	16	13	16	13	16
Min	16.9	62.4	17.7	87.7	13.2	0.01142	0.012194	17.7	19.3
Count	24	24	24	24	24	24	24	24	24
Total									

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	11_LHV_010m	13_Precip_mm	14_Precip_In	15_BarPres_In	15a_BarPres_In	16_BarPres_Mb	'_Solar_Rad_Wn	3_Solar_Rad_Lar	19_WDir_010m
Hour	None	VAR	INCHES	INHG	INHG	KPa	W/M2	Langleys	DEG
00:00	2442707.2	1053.9	.00	29.03	28.86	983.0	-.5	.00	69.0
01:00	2444282.6	1053.9	.00	29.02	28.84	982.8	-.2 -	.00 -	63.5
02:00	2445454.8	1053.9	.00	29.02	28.83	982.6	.0 -	.00	41.7
03:00	2445686.6	1054.1	.01	29.01	28.81	982.2	-.2	.00	47.8
04:00	2445489.1	1054.2	.00	29.00	28.80	982.1	-.4	.00	59.3
05:00	2445492.1	1054.3	.03	29.00	28.80	982.1	-.3	.00	59.1
06:00	2445766.7	1057.7	.14	29.00	28.80	982.1	-.3	.00	72.0
07:00	2445447.2 >	1058.5 >	.01	29.00	28.80 >	982.1 >	2.1 >	.00	192.8
08:00	2444622.6	1058.9	.02	29.00	28.80	982.1	17.0	.02	229.7
09:00	2444234.2	1059.9	.05	29.00	28.80	982.1	45.1	.06	235.7
10:00	2443405.6	1063.7	.34	29.00	28.80	982.1	66.6	.10	232.0
11:00	2442590.2	1070.0	.07	28.99	28.79	981.9	109.5	.16	243.7
12:00	2441222.8	1071.5	.03	28.99	28.77	981.6	184.6	.26	233.8
13:00	2439841.6	1071.7	.01	28.98	28.75	981.3	121.3	.17	238.2
14:00	2440042.7	1072.6	.05	28.97	28.73	981.0	100.3	.14	246.2
15:00	2440401.4	1074.5	.08	28.96	28.72	980.7	107.3 -	.15	250.6
16:00	2439726.8	1075.3	.00	28.96	28.71	980.5	123.7	.18	254.4
17:00	2440769.7	1076.0	.11	28.96	28.71	980.6	15.1	.02	289.0
18:00	2444621.9	1087.7	.50	28.97	28.74	981.1	3.0 -	.00 -	292.0
19:00	2445485.1	1090.9	.01	28.97	28.75	981.3	.3	.00	261.1
20:00	2447131.1	1091.3	.01	28.98	28.77	981.5	-.4	.00	38.6
21:00	2449462.3	1091.3	.00	29.00	28.80	982.1	-.4	.00	174.1
22:00	2450731.1	1091.3	.00	29.01	28.82	982.4	-.4	.00	128.8
23:00	2451211.2	1091.3	.00	29.01	28.82	982.3	-.2	.00	199.4
Avg	2444409.4	1069.9	.06	28.99	28.78	981.8	37.1	.05	230.0
Max	2451211.2	1091.3	.50	29.03	28.86	983.0	184.6	.26	292.0
Hr. of Max	23	23	18	00	00	00	12	12	18
Min	2439726.8	1053.9	.00	28.96	28.71	980.5	-.5	.00	38.6
Count	24	24	24	24	24	24	24	24	24
Total									

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	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
Hour	DEG	DEG	MPH	MPH	M/SEC	DEG	MPH	MPH	DEG
00:00	69.7	13.1	3.8	3.9	1.7	-10.8	-.81	8.4	9.7
01:00	62.2	14.5	3.6	3.7	1.7	-10.4	-.78	9.6	11.5
02:00	42.2	9.7	6.2	6.3	2.8	-12.9	-1.50	12.3	7.4
03:00	48.0	9.1	5.9	6.0	2.7	-13.6	-1.54	11.0	7.0
04:00	58.3	12.0	4.2	4.3	1.9	-12.4	-1.05	9.1	9.7
05:00	58.4	12.3	4.5	4.6	2.0	-11.3	-1.05	9.6	10.6
06:00	71.2	34.3	3.5	4.7	2.1	-7.8	-.77	10.8	11.9
07:00	191.0	37.4	2.2	2.9	1.3 >	-.5	-.08 >	<	12.5
08:00	230.0	10.3	3.6	3.7	1.6	.1	-.02	7.1	8.9
09:00	233.7	13.9	3.4	3.6	1.6	-.5	-.06	6.8	9.5
10:00	232.8	11.6	5.1	5.2	2.4	1.0	.04	10.2	9.7
11:00	243.6	11.3	5.2	5.3	2.4	-.6	-.08	10.7	8.7
12:00	233.7	11.1	6.6	6.7	3.0	.7	.04	13.6	9.5
13:00	238.1	11.3	8.4	8.6	3.8	-.3	-.13	15.3	8.1
14:00	245.9	11.2	9.7	9.9	4.5	-1.1	-.32	18.3	8.1
15:00	250.5	10.8	8.4	8.6	3.8	-2.1	-.37	17.2	7.8
16:00	254.0	12.0	7.4	7.6	3.4	-1.8	-.33	15.0	8.7
17:00	276.1	44.2	3.7	4.4	1.9	-7.2	-.65	15.6	20.2
18:00	286.8	45.9	2.4	3.1	1.4	-5.5	-.54	11.2	22.9
19:00	262.7	22.6	2.2	2.3	1.0	-4.4	-.26	6.0	13.9
20:00	39.1	24.9	1.6	2.8	1.2	-10.6	-.62	6.2	13.2
21:00	170.3	26.6	2.1	3.5	1.6	-5.5	-.26	8.4	13.2
22:00	149.6	46.9	1.0	1.7	.7	-2.6	-.10	4.3	17.1
23:00	213.6	23.4	1.3	1.9	.8	-.8	-.02	4.9	10.6
Avg	246.7	20.0	1.5	4.8	2.1	-5.0	-.47	10.5	11.3
Max	286.8	46.9	9.7	9.9	4.5	1.0	.04	18.3	22.9
Hr. of Max	18	22	14	14	14	10	12	14	18
Min	39.1	9.1	1.0	1.7	.7	-13.6	-1.54	4.3	7.0
Count	24	24	24	24	24	24	24	23	24
Total									