Date Printed: 6/24/2019 01:30

Daily Summary Report

Site: Tower "L" (1209)

6/23/2019

Interval: 001h

	01_WDir_015m	02_VWDir_015m	03_Sigma_015m	04_RWSpd_015m	05_WSpd_015m	06_WSpdms_015m	09_PkWsH_015m	10_WElev_015m	11_VSSpd_015m
Time	DEG	DEG	DEG	MPH	MPH	M/SEC	MPH	DEG	MPH
00:00	153.2	180.4	39.4	.5	1.7	.8	5.1	-30.4	-1.05
01:00	73.1	76.3	21.9	1.1	1.2	.5	3.4	-34.4	-.84
02:00	324.6	300.2	46.0	.6	.9	.4	2.8	-33.6	-.57
03:00	284.2	281.2	16.0	1.4	1.5	.7	3.8	-32.9	-1.02
04:00	281.6	273.2	49.1	1.0	1.6	.7	4.3	-29.9	-.99
05:00	235.6	225.9	36.0	1.1	1.4	.6	3.7	-30.0	-.89
06:00	235.0	237.1	50.6	1.2	1.5	.7	5.3	-28.6	-.93
07:00	188.1	186.5	30.3	1.5	1.8	.8	4.4	-30.8	-1.17
08:00	142.7	145.0	26.6	2.4	2.6	1.2	5.8	-30.1	-1.71
09:00	174.2	173.7	21.6	3.4	3.6	1.6	8.0	-31.9	-2.40
10:00	301.8	296.5	44.0	1.2	2.3	1.0	6.2	-33.0	-1.70
11:00	167.0	170.9	45.3	2.4	3.1	1.4	9.3	-32.0	-2.08
12:00	191.5	196.7	49.1	1.9	2.7	1.2	6.8	-31.6	-2.11
13:00	206.2	203.5	47.9	1.6	2.4	1.1	5.9	-31.6	-1.96
14:00	180.0	184.0	29.6	4.7	5.9	2.6	15.6	-31.6	-3.94
15:00	212.6	211.6	29.5	5.0	5.6	2.5	12.9	-32.6	-3.92
16:00	211.1	212.9	21.9	5.4	5.9	2.6	17.6	-32.4	-4.08
17:00	194.8	195.2	23.6	4.6	5.1	2.3	10.5	-32.7	-3.56
18:00	198.1	199.2	20.1	5.3	5.6	2.5	13.7	-31.5	-3.78
19:00	187.7	187.5	18.8	3.2	3.3	1.5	7.6	-30.1	-2.12
20:00	198.5	183.9	27.5	2.1	2.5	1.1	9.5	-30.9	-1.66
21:00	147.6	162.0	54.5	.6	1.1	.5	3.2	-32.0	-.67
22:00	171.9	179.6	28.1	.7	1.5	.7	3.4	-30.0	-.87
23:00	215.1	262.6	61.1	.4	1.8	.8	5.3	-33.1	-1.20
Avg	200.0	197.6	34.9	1.9	2.8	1.2	7.3	-31.6	-1.88
Max	324.6	300.2	61.1	5.4	5.9	2.6	17.6	-28.6	-.57
Max Time	02:00	02:00	23:00	16:00	16:00	16:00	16:00	06:00	02:00
Min	73.1	76.3	16.0	.4	.9	.4	2.8	-34.4	-4.08
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 6/24/2019 01:30

Daily Summary Report

Site: Tower "L" (1209)

6/23/2019

Interval: 001h

	12_SigPhi_015m	13_SonicTemp_015m	14_TempC_002m	16_TempC_015m	15_TempF_002m	17_TempF_015m	18_TempC_030m	19_TempF_030m	20_VT_Grad_0215m
Time	DEG	DEGC	DEGC	DEGC	DEGF	DEGF	DEGC	DEGF	DEGC
00:00	9.6	-14.6	21.1	21.2	70.0	70.2	20.8	69.4	.14
01:00	6.9	-16.8	20.7	20.9	69.2	69.7	20.6	69.1	.26
02:00	8.0	-15.4	20.3	20.4	68.5	68.8	20.0	68.0	.17
03:00	7.9	-15.5	20.4	20.2	68.7	68.4	19.8	67.6	-.17
04:00	10.9	-16.3	20.5	20.3	68.8	68.5	19.8	67.6	-.18
05:00	12.3	-15.6	20.7	20.5	69.2	68.9	20.0	68.1	-.17
06:00	14.9	-15.8	20.9	20.7	69.6	69.3	20.2	68.4	-.19
07:00	14.3	-14.6	21.2	20.9	70.1	69.7	20.4	68.8	-.23
08:00	13.9	-13.8	21.5	21.3	70.8	70.3	20.7	69.3	-.26
09:00	13.2	-13.1	22.7	21.7	72.8	71.1	21.4	70.5	-.91
10:00	17.4	-13.9	23.0	22.1	73.4	71.7	22.1	71.8	-.95
11:00	13.3	-12.4	23.6	23.1	74.5	73.6	22.6	72.8	-.45
12:00	21.5	-11.4	26.2	25.5	79.1	77.9	25.1	77.1	-.66
13:00	23.0	-10.4	27.7	26.9	81.8	80.4	26.4	79.6	-.77
14:00	12.8	-9.1	29.0	28.2	84.3	82.8	27.8	82.1	-.79
15:00	12.1	-9.0	30.0	29.0	85.9	84.3	28.6	83.4	-.92
16:00	11.4	-8.4	30.5	29.7	86.9	85.4	29.3	84.7	-.80
17:00	11.6	-7.9	30.6	30.1	87.1	86.2	29.8	85.6	-.48
18:00	11.8	-8.5	30.3	29.9	86.5	85.9	29.7	85.4	-.34
19:00	11.5	-8.7	28.9	28.9	84.0	83.9	28.7	83.6	-.05
20:00	10.7	-10.4	27.0	27.4	80.6	81.3	27.3	81.2	.37
21:00	7.7	-12.3	24.1	25.0	75.4	77.0	25.4	77.7	.89
22:00	6.4	-12.6	22.9	23.9	73.3	74.9	23.7	74.7	.92
23:00	7.3	-13.4	22.6	23.2	72.7	73.8	23.0	73.3	.61
Avg	12.1	-12.5	24.4	24.2	76.0	75.6	23.9	75.0	-.21
Max	23.0	-7.9	30.6	30.1	87.1	86.2	29.8	85.6	.92
Max Time	13:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	22:00
Min	6.4	-16.8	20.3	20.2	68.5	68.4	19.8	67.6	-.95
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 6/24/2019 01:30

Daily Summary Report

Site: Tower "L" (1209)

6/23/2019

Interval: 001h

	21_VT_Grad_1530m
Time	DEGC
00:00	-.4
01:00	-.3
02:00	-.4
03:00	-.5
04:00	-.5
05:00	-.5
06:00	-.5
07:00	-.5
08:00	-.5
09:00	-.4
10:00	.0
11:00	-.5
12:00	-.4
13:00	-.4
14:00	-.4
15:00	-.5
16:00	-.4
17:00	-.3
18:00	-.3
19:00	-.2
20:00	-.1
21:00	.4
22:00	-.1
23:00	-.2
Avg	-.3
Max	.4
Max Time	21:00
Min	-.5
Count	24
Total	

Date Printed: 6/24/2019 01:30

Daily Summary Report

Site: Tower "L2" (1209)

6/23/2019

Interval: 001h

	10_SonicTemp_030m	11_DewPtC_002m	12_DewPtF_002m	13_RH_002m	14_AbsHum_002m	15_MixRatio_002m	16_Sat Mix Ratio_002	17_VaporPr_002m	18_Sat_Vapor_Pr_002
Time	DEGC	DEGC	DEGF	PERCENT	G/M3	COUNT	COUNT	KPa	KPa
00:00	21.2	23.2	73.7	99.6	20.7	0.018363	0.018443	28.4	29.35
01:00	21.0	22.8	73.0	99.6	20.3	0.017919	0.017988	27.7	28.62
02:00	20.3	22.5	72.5	99.8	19.9	0.01756	0.017588	27.2	27.99
03:00	20.1	22.6	72.7	100.0	20.1	0.017742	0.017737	27.4	28.22
04:00	20.1	22.7	72.8	100.1	20.1	0.017797	0.017775	27.5	28.31
05:00	20.3	22.9	73.2	100.2	20.4	0.018049	0.01802	27.9	28.68
06:00	20.5	23.1	73.6	100.2	20.6	0.018253	0.018225	28.2	29.04
07:00	20.8	23.4	74.0	100.0	20.9	0.01856	0.018552	28.7	29.55
08:00	21.2	23.6	74.4	99.0	21.2	0.018787	0.018976	29.0	30.24
09:00	21.9	23.3	73.9	92.7	20.8	0.018476	0.019944	28.6	31.79
10:00	22.3	23.2	73.7	89.8	20.6	0.018313	0.020396	28.4	32.54
11:00	22.8	24.0	75.1	91.6	21.6	0.019262	0.021049	29.8	33.57
12:00	24.8	23.5	74.3	78.4	20.9	0.018758	0.023934	29.0	38.14
13:00	26.3	23.3	74.0	71.9	20.6	0.018569	0.025824	28.7	41.13
14:00	27.5	23.7	74.6	68.7	20.9	0.019004	0.027665	29.3	44.02
15:00	28.4	23.5	74.4	65.7	20.8	0.018899	0.028754	29.2	45.73
16:00	29.1	23.4	74.1	63.6	20.5	0.018715	0.029433	28.9	46.77
17:00	29.5	23.4	74.0	63.1	20.5	0.018704	0.029655	28.8	47.11
18:00	29.4	23.3	74.0	63.8	20.5	0.01866	0.029243	28.8	46.45
19:00	28.7	24.2	75.5	71.3	21.6	0.019665	0.027605	30.3	43.81
20:00	27.6	24.7	76.5	80.5	22.4	0.020307	0.025322	31.2	40.20
21:00	26.0	25.1	77.2	94.9	23.0	0.020724	0.021843	31.8	34.69
22:00	24.4	24.5	76.1	97.6	22.3	0.019987	0.020489	30.8	32.58
23:00	23.6	24.4	76.0	98.9	22.2	0.019892	0.020109	30.6	31.95
Avg	24.1	23.5	74.3	87.1	21.0	0.01879	0.022274	29.0	35.44
Max	29.5	25.1	77.2	100.2	23.0	0.020724	0.029655	31.8	47.11
Max Time	17:00	21:00	21:00	06:00	21:00	21:00	17:00	21:00	17:00
Min	20.1	22.5	72.5	63.1	19.9	0.01756	0.017588	27.2	27.99
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 6/24/2019 01:30

Daily Summary Report

Site: Tower "L2" (1209)

6/23/2019

Interval: 001h

	20_WetBulbC	21_Precip_mm	23_BarPres_In	24_BarPres_Mb	25_Solar_Rad_Wm2	26_Solar_Rad_Lang	28_WDir_030m	30_VWDir_030m	32_Sigma_030m
Time	DEGC	MM	INHG	MM/HG	W/M2	Langleys	DEG	DEG	DEG
00:00	23.3	.0	29.28	990.1	-.3	.000	175.6	203.4	40.5
01:00	22.9	.0	29.28	990.1	-.4	-.001	66.8	72.9	48.6
02:00	22.6	.0	29.27	989.8	-.4	-.001	358.5	332.4	53.3
03:00	22.8	.0	29.26	989.6	-.4	-.001	299.9	294.7	12.4
04:00	22.8	.0	29.27	990.1	-.3	.000	282.3	275.1	48.9
05:00	23.0	.0	29.28	990.4	-.4	-.001	243.3	239.0	29.8
06:00	23.2	.0	29.29	990.6	8.4	.012	241.0	240.8	46.7
07:00	23.5	.0	29.29	990.7	48.4	.069	197.6	196.9	26.0
08:00	23.8	.0	29.30	990.8	154.5	.222	155.9	157.1	22.2
09:00	23.9	.0	29.30	991.1	232.8	.334	186.2	186.8	18.4
10:00	23.9	.0	29.31	991.4	143.9	.206	289.3	294.4	33.9
11:00	24.6	1.2	29.31	991.4	440.3	.631	169.4	174.2	42.3
12:00	25.0	.0	29.31	991.2	873.0	1.252	202.4	204.2	39.7
13:00	25.3	.0	29.29	990.7	933.8	1.339	220.5	217.1	51.6
14:00	26.0	.0	29.27	989.9	889.2	1.275	187.7	190.7	23.8
15:00	26.1	.0	29.25	989.1	728.5	1.045	221.2	220.0	25.9
16:00	26.1	.0	29.22	988.3	645.5	.926	218.6	220.0	17.9
17:00	26.2	.0	29.21	987.9	537.1	.770	202.5	203.2	18.9
18:00	26.1	.0	29.21	987.7	363.9	.522	204.8	205.9	15.1
19:00	26.3	.0	29.20	987.5	132.5	.190	196.2	195.9	13.4
20:00	26.1	.0	29.20	987.4	42.2	.061	195.8	192.1	12.7
21:00	25.5	.0	29.20	987.6	1.1	.002	259.1	228.6	41.9
22:00	24.8	.0	29.22	988.1	.4	.001	188.2	194.8	38.4
23:00	24.6	.0	29.22	988.2	.2	.000	279.0	304.2	53.2
Avg	24.5	.0	29.26	989.6	257.2	.369	217.0	.0	32.3
Max	26.3	1.2	29.31	991.4	933.8	1.339	358.5	332.4	53.3
Max Time	19:00	11:00	12:00	11:00	13:00	13:00	02:00	02:00	02:00
Min	22.6	.0	29.20	987.4	-.4	-.001	66.8	72.9	12.4
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 6/24/2019 01:30

Daily Summary Report

Site: Tower "L2" (1209)

6/23/2019

Interval: 001h

	34_RWSpd_030m	36_WSpd_030m	38_WSpdms_030m	40_WElev_030m	42_VSSpd_030m	48_PkWsH_030m	50_SigPhi_030m
Time	MPH	MPH	MPH	DEG	MPH	MPH	DEG
00:00	1.0	2.1	.9	2.1	.09	5.6	11.9
01:00	1.1	1.6	.7	-.4	-.03	3.3	10.7
02:00	.4	1.0	.5	-5.4	-.10	2.6	14.8
03:00	1.9	2.1	.9	-2.8	-.08	4.3	8.2
04:00	1.5	2.2	1.0	.9	.00	5.8	14.3
05:00	1.7	2.1	.9	.6	.01	4.9	15.0
06:00	1.8	2.1	.9	5.2	.14	6.4	21.6
07:00	2.1	2.4	1.1	-.2	-.03	4.9	16.1
08:00	2.9	3.1	1.4	1.8	-.01	5.4	17.3
09:00	3.7	3.8	1.7	1.3	-.04	7.4	17.7
10:00	1.5	2.6	1.2	-2.0	-.11	6.8	21.9
11:00	2.8	3.5	1.6	-.5	.03	10.0	16.9
12:00	2.3	2.9	1.3	-4.6	-.27	7.9	28.4
13:00	1.5	2.3	1.0	-4.8	-.17	5.1	34.2
14:00	5.6	6.5	2.9	-.8	-.14	14.2	16.3
15:00	6.0	6.5	2.9	.8	-.08	13.6	14.8
16:00	6.6	7.1	3.2	.5	-.04	16.4	12.2
17:00	5.8	6.2	2.8	1.5	.04	12.8	13.0
18:00	6.6	6.9	3.1	2.5	.15	15.2	13.0
19:00	4.4	4.5	2.0	1.5	.07	10.8	10.9
20:00	3.6	3.8	1.7	2.3	.12	9.3	10.1
21:00	1.1	1.9	.8	.6	.02	3.8	6.4
22:00	.7	1.6	.7	.9	.02	3.5	7.7
23:00	.6	1.7	.7	-2.6	-.06	4.3	10.3
Avg	2.8	3.4	1.5	-.1	-.02	7.7	15.2
Max	6.6	7.1	3.2	5.2	.15	16.4	34.2
Max Time	18:00	16:00	16:00	06:00	18:00	16:00	13:00
Min	.4	1.0	.5	-5.4	-.27	2.6	6.4
Count	24	24	24	24	24	24	24
Total							