Date Printed: 7/19/2019 01:30

Daily Summary Report

Site: Tower "L" (1209)

7/18/2019

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	251.7	249.3	32.3	.9	1.9	.9	3.7	-1.5	-.04
01:00	205.5	212.2	29.1	2.0	2.6	1.1	5.5	-.5	-.04
02:00	219.1	221.0	18.0	3.0	3.4	1.5	6.6	-.6	-.08
03:00	150.7	171.7	40.2	1.4	2.2	1.0	6.7	-.7	-.06
04:00	258.1	241.0	43.7	.6	1.5	.7	4.5	-1.5	-.04
05:00	211.7	210.4	18.8	3.2	3.5	1.6	7.9	-1.2	-.11
06:00	161.5	172.6	29.0	1.5	2.2	1.0	5.4	-1.4	-.05
07:00	199.1	202.5	31.6	2.2	2.4	1.1	5.0	-3.0	-.15
08:00	190.6	190.3	23.2	2.6	2.8	1.2	7.0	-.9	-.14
09:00	213.1	213.4	23.0	4.2	4.5	2.0	11.4	-.6	-.15
10:00	214.6	215.7	20.8	6.2	6.6	2.9	12.3	-.3	-.18
11:00	204.0	204.5	22.4	5.7	6.3	2.8	13.6	-1.5	-.25
12:00	195.6	195.5	22.0	6.3	6.7	3.0	13.1	-1.0	-.25
13:00	179.7	182.3	52.7	1.8	4.6	2.1	13.7	.7	-.03
14:00	193.2	203.5	23.8	6.1	7.3	3.2	30.8	-.8	-.21
15:00	226.1	227.6	45.5	5.6	6.7	3.0	25.1	-.3	-.19
16:00	195.6	191.9	56.9	1.7	2.4	1.1	6.9	-1.5	-.08
17:00	198.1	201.2	16.6	4.4	4.7	2.1	11.1	-3.1	-.33
18:00	198.8	198.6	22.7	3.7	4.0	1.8	9.5	1.2	-.03
19:00	255.9	259.6	32.3	3.9	4.6	2.1	12.9	.3	-.04
20:00	185.5	192.4	35.9	1.6	2.7	1.2	8.3	-.5	-.05
21:00	40.2	32.5	53.8	.1	1.1	.5	3.3	.4	.00
22:00	250.6	246.4	45.1	.8	1.6	.7	3.8	1.2	.03
23:00	188.3	183.0	41.6	1.8	2.3	1.0	5.5	2.8	.02
Avg	205.0	208.1	32.5	2.8	3.7	1.7	9.7	-.6	-.10
Max	258.1	259.6	56.9	6.3	7.3	3.2	30.8	2.8	.03
Max Time	04:00	19:00	16:00	12:00	14:00	14:00	14:00	23:00	22:00
Min	40.2	32.5	16.6	.1	1.1	.5	3.3	-3.1	-.33
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 7/19/2019 01:30

Daily Summary Report

Site: Tower "L" (1209)

7/18/2019

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	7.6	24.7	23.2	23.5	73.7	74.4	23.4	74.1	.35
01:00	7.7	24.5	23.0	23.4	73.5	74.1	23.2	73.7	.37
02:00	10.3	24.7	23.6	23.6	74.5	74.5	23.2	73.8	.01
03:00	11.8	24.6	23.2	23.5	73.8	74.4	23.2	73.7	.33
04:00	14.8	24.7	23.4	23.6	74.0	74.4	23.2	73.7	.20
05:00	9.2	24.8	23.8	23.7	74.8	74.7	23.3	74.0	.00
06:00	13.3	24.7	23.5	23.6	74.3	74.4	23.1	73.7	.07
07:00	12.4	24.7	23.8	23.6	74.8	74.5	23.1	73.6	-.18
08:00	15.8	25.2	24.4	24.1	75.9	75.3	23.6	74.5	-.30
09:00	15.8	26.1	25.7	25.1	78.3	77.1	24.5	76.2	-.66
10:00	14.1	27.1	27.3	26.3	81.1	79.3	25.7	78.3	-1.00
11:00	13.1	28.2	28.4	27.5	83.2	81.4	26.9	80.5	-.98
12:00	13.9	29.5	29.8	28.8	85.6	83.8	28.3	82.9	-1.00
13:00	18.9	29.0	28.6	28.0	83.5	82.5	27.7	81.8	-.58
14:00	11.3	29.0	28.4	28.0	83.1	82.4	27.6	81.7	-.43
15:00	14.3	24.0	23.3	23.1	73.9	73.6	22.7	72.8	-.14
16:00	27.0	25.1	24.8	24.2	76.6	75.6	23.8	74.8	-.57
17:00	13.1	27.6	27.1	26.6	80.9	79.9	26.2	79.2	-.51
18:00	16.8	28.7	28.2	27.7	82.8	81.9	27.4	81.3	-.46
19:00	10.3	26.6	25.5	25.5	77.9	78.0	25.2	77.4	.06
20:00	13.1	24.5	23.5	23.5	74.3	74.3	23.1	73.6	.01
21:00	9.3	24.2	22.9	23.1	73.2	73.6	22.8	73.1	.22
22:00	12.1	24.0	22.7	22.9	72.8	73.3	22.6	72.7	.27
23:00	12.9	23.6	22.5	22.6	72.4	72.7	22.3	72.2	.18
Avg	13.3	25.8	25.0	24.8	77.0	76.7	24.4	76.0	-.20
Max	27.0	29.5	29.8	28.8	85.6	83.8	28.3	82.9	.37
Max Time	16:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	01:00
Min	7.6	23.6	22.5	22.6	72.4	72.7	22.3	72.2	-1.00
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 7/19/2019 01:30

Daily Summary Report

Site: Tower "L" (1209)

7/18/2019

Interval: 001h

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

Date Printed: 7/19/2019 01:30

Daily Summary Report

Site: Tower "L2" (1209)

7/18/2019

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	24.0	25.0	77.0	99.0	22.9	0.020522	0.020727	31.6	33.03
01:00	23.8	24.9	76.8	99.4	22.8	0.020415	0.02053	31.5	32.71
02:00	23.8	25.1	77.1	97.5	23.0	0.020627	0.021165	31.8	33.70
03:00	23.7	24.8	76.6	97.8	22.7	0.020303	0.020753	31.3	33.04
04:00	23.7	25.0	77.1	98.4	23.0	0.020597	0.020928	31.7	33.31
05:00	23.9	25.1	77.2	96.8	23.0	0.020681	0.021375	31.8	34.01
06:00	23.7	25.0	77.0	97.6	23.0	0.020581	0.021081	31.7	33.55
07:00	23.6	25.2	77.4	97.4	23.2	0.020816	0.021373	32.1	34.04
08:00	24.1	25.4	77.8	95.6	23.5	0.02111	0.022087	32.5	35.18
09:00	24.9	25.4	77.7	89.2	23.3	0.021047	0.023624	32.4	37.64
10:00	25.9	25.0	77.0	80.8	22.7	0.020563	0.02546	31.7	40.56
11:00	27.0	24.8	76.6	75.3	22.4	0.020297	0.026967	31.3	42.95
12:00	28.2	25.0	77.0	71.9	22.6	0.020628	0.028691	31.8	45.69
13:00	28.0	25.4	77.7	78.9	23.3	0.021159	0.027075	32.6	43.10
14:00	27.9	26.1	79.0	82.0	24.2	0.022064	0.027	33.9	42.96
15:00	23.0	24.0	75.1	92.7	21.6	0.01929	0.020814	29.8	33.15
16:00	24.0	24.8	76.7	90.2	22.6	0.020372	0.02261	31.4	35.97
17:00	26.5	25.6	78.1	84.1	23.6	0.021415	0.025466	32.9	40.49
18:00	27.6	25.9	78.6	81.7	23.9	0.021797	0.026679	33.5	42.41
19:00	25.6	25.6	78.0	91.2	23.6	0.021351	0.023456	32.8	37.31
20:00	23.6	24.8	76.6	96.2	22.7	0.020294	0.02109	31.3	33.57
21:00	23.4	24.8	76.6	99.2	22.6	0.020244	0.020411	31.2	32.51
22:00	23.2	24.6	76.4	99.8	22.5	0.020095	0.020132	31.0	32.04
23:00	22.7	24.3	75.7	99.1	22.1	0.019703	0.019889	30.4	31.64
Avg	24.8	25.1	77.1	91.3	23.0	0.020665	0.022891	31.8	36.44
Max	28.2	26.1	79.0	99.8	24.2	0.022064	0.028691	33.9	45.69
Max Time	12:00	14:00	14:00	22:00	14:00	14:00	12:00	14:00	12:00
Min	22.7	24.0	75.1	71.9	21.6	0.01929	0.019889	29.8	31.64
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 7/19/2019 01:30

Daily Summary Report

Site: Tower "L2" (1209)

7/18/2019

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	25.2	.0	29.29	990.4	-.3	.000	219.2 +	221.7 +	35.9
01:00	25.1	.0	29.28	990.3	-.3	.000	210.6	212.6	19.3
02:00	25.4	.0	29.27	989.9	-.1	.000	229.4	229.6	12.7
03:00	25.1	.0	29.26	989.5	.0	.000	177.4	195.5	40.8
04:00	25.3	.0	29.25	989.3	-.2	.000	240.7	236.3	32.4
05:00	25.4	.0	29.25	989.3	.1	.000	219.0	217.6	13.5
06:00	25.3	.0	29.26	989.5	3.0	.004	185.0	196.1	21.7
07:00	25.5	.0	29.28	990.1	22.3	.032	209.0	211.4	20.8
08:00	25.9	.0	29.29	990.6	113.2	.162	199.3	198.6	15.2
09:00	26.2	.0	29.29	990.7	361.4	.518	221.9	222.2	19.1
10:00	26.4	.0	29.30	990.8	663.3	.951	222.1	222.6	16.2
11:00	26.6	.0	29.30	990.8	804.7	1.154	213.5	213.7	18.9
12:00	27.1	.0	29.29	990.5	957.1	1.373	204.6	204.7	15.0
13:00	27.0	3.6	29.28	990.2	679.5	.974	196.2	199.1	48.6
14:00	27.4	5.1	29.26	989.7	626.0	.898	202.8	213.6	21.8
15:00	24.6	3.4	29.27	989.9	134.2	.193	238.8	239.6	43.1
16:00	25.6	.1	29.25	989.2	537.3	.771	210.3	205.0	48.2
17:00	26.8	.0	29.24	989.1	375.4	.538	206.8	209.5	15.5
18:00	27.2	.0	29.24	988.8	348.3	.500	202.6	202.1	17.1
19:00	26.3	3.5	29.25	989.3	40.1	.057	263.4	268.8	28.4
20:00	25.2	.2	29.26	989.5	24.7	.035	201.2	205.6	30.1
21:00	25.0	.0	29.26	989.7	.2	.000	345.7	325.3	43.6
22:00	24.8	.0	29.27	989.9	-.5	-.001	238.6	221.6	40.1
23:00	24.5	.0	29.27	990.0	-.4	-.001	206.9	200.9	21.1
Avg	25.8	.6	29.27	989.9	237.0	.340	215.0	.0	26.6
Max	27.4	5.1	29.30	990.8	957.1	1.373	345.7	325.3	48.6
Max Time	14:00	14:00	11:00	11:00	12:00	12:00	21:00	21:00	13:00
Min	24.5	.0	29.24	988.8	-.5	-.001	177.4	195.5	12.7
Count	24	24	24	24	24	24	24	24	24
Total									

Date Printed: 7/19/2019 01:30

Daily Summary Report

Site: Tower "L2" (1209)

7/18/2019

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	1.5	2.0	.9	1.1	.05	4.2	8.0
01:00	3.2	3.4	1.5	.5	.02	7.6	5.7
02:00	4.3	4.6	2.0	.0	-.03	7.9	7.3
03:00	2.1	2.7	1.2	-.1	-.01	8.6	13.1
04:00	1.4	1.8	.8	.1	.00	5.0	16.3
05:00	4.4	4.6	2.1	.5	.00	11.6	8.4
06:00	2.4	2.9	1.3	.7	.00	6.8	14.0
07:00	2.5	2.7	1.2	-2.2	-.13	5.4	10.0
08:00	3.2	3.3	1.5	1.2	.02	7.3	14.4
09:00	4.7	5.0	2.2	1.5	.01	11.8	14.3
10:00	7.3	7.6	3.4	1.6	.11	14.4	12.5
11:00	6.9	7.4	3.3	.4	-.01	13.9	11.7
12:00	7.7	8.0	3.6	2.5	.24	16.1	13.3
13:00	1.8	5.1	2.3	2.0	.13	13.7	20.9
14:00	7.3	8.5	3.8	1.2	.07	36.1	10.1
15:00	6.9	7.9	3.5	1.4	.04	31.8	11.7
16:00	1.8	2.4	1.1	-4.0	-.12	6.8	23.8
17:00	5.0	5.4	2.4	1.2	.03	10.5	12.0
18:00	4.4	4.7	2.1	3.6	.19	9.7	14.8
19:00	5.1	6.0	2.7	.9	.05	12.8	8.4
20:00	2.5	3.2	1.4	1.1	.10	9.8	10.6
21:00	.5	1.4	.6	.5	.01	4.3	9.7
22:00	1.2	1.8	.8	3.4	.08	5.3	14.3
23:00	2.9	3.2	1.4	4.3	.13	6.7	12.4
Avg	3.8	4.4	2.0	1.0	.04	11.2	12.4
Max	7.7	8.5	3.8	4.3	.24	36.1	23.8
Max Time	12:00	14:00	14:00	23:00	12:00	14:00	16:00
Min	.5	1.4	.6	-4.0	-.13	4.2	5.7
Count	24	24	24	24	24	24	24
Total							