

Current Time: 1:20 AM

Daily Summary Report

Site: Tower "C" (1000 Area)

11/14/2011

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	04_TempF_10m	40_VWSpd_100m	05_TempF_30m	06_TempF_100m	07_VTGrad30	08_VTGrad100
Hour	DEGC	DEGC	DEGC	DEGF	MPH	DEGF	DEGF	DEGC	DEGC
00:00	16.5	17.1	17.1	61.8	8.2	62.8	62.8	.6	1
01:00	18.1	18.0	17.7	64.5	14.5	64.4	63.9	.0	0
02:00	18.4	18.3	17.8	65.1	14.3	64.9	64.0	-.1	-1
03:00	18.4	18.3	17.9	65.2	13.8	65.0	64.1	-.1	-1
04:00	18.5	18.4	17.9	65.3	14.6	65.1	64.2	-.1	-1
05:00	18.3	18.1	17.6	64.9	13.8	64.6	63.6	-.1	-1
06:00	18.0	17.8	17.3	64.3	12.9	64.1	63.2	-.1	-1
07:00	17.7	17.6	17.0	63.9	12.4	63.7	62.7	-.1	-1
08:00	17.6	17.4	16.9	63.6	12.3	63.4	62.4	-.1	-1
09:00	17.7	17.5	16.9	63.9	15.3	63.6	62.4	-.2	-1
10:00	18.0	17.8	17.1	64.4	14.4	64.0	62.7	-.2	-1
11:00	18.4	18.2	17.4	65.2	15.8	64.8	63.4	-.2	-1
12:00	19.0	18.8	18.0	66.2	13.6	65.8	64.4	-.2	-1
13:00	20.4	20.2	19.3	68.7	12.4	68.3	66.8	-.2	-1
14:00	19.9	18.6	19.1	67.9	14.4	65.5	66.4	-.3	-1
15:00	19.8	19.6	18.3	67.6	11.9	67.2	64.9	-.2	-1
16:00	<	<	<	<	<	<	<	<	<
17:00	<	19.2	18.7	<	10.1	66.5	65.7	<	<
18:00	18.2	18.1	17.7	64.8	10.7	64.6	63.9	-.1	0
19:00	18.3	18.2	17.8	65.0	9.7	64.8	64.1	-.1	0
20:00	18.1	18.1	17.8	64.7	9.1	64.6	64.0	.0	0
21:00	18.2	18.3	18.2	64.8	10.2	65.0	64.7	.1	0
22:00	19.1	19.1	18.8	66.4	14.0	66.3	65.8	.0	0
23:00	19.5	19.4	18.9	67.1	14.3	66.9	66.1	-.1	-1
Average	18.5	18.4	17.9	65.2		65	64.2	-.1	-1
Max	20.4	20.2	19.3	68.7	15.8	68.3	66.8	.6	1
Min	16.5	17.1	16.9	61.8	8.2	62.8	62.4	-.3	-1
Count	22	23	23	22	23	23	23	22	22

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	09_DewPtC_10m	10_DewPtF_10m	11_SoilTempC	12_RH	13_AbsHm gm3	14_Mix_Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In
Hour	DEGC	DEGF	DEGC	PERCENT	None	None	KPa	MM	INCHES
00:00	10.5	50.9	11.3	68.5	9.54	0.0082	12.7	.0	.00
01:00	12.2	54.0	11.3	69.9	10.63	0.0092	14.2	.0	.00
02:00	12.3	54.1	11.4	68.9	10.68	0.0092	14.3	.0	.00
03:00	12.5	54.5	11.5	69.4	10.80	0.0093	14.5	.0	.00
04:00	12.7	54.8	11.6	70.1	10.94	0.0095	14.7	.0	.00
05:00	12.8	55.1	11.7	71.9	11.07	0.0096	14.8	.0	.00
06:00	13.0	55.5	11.8	74.2	11.21	0.0097	15.0	.0	.00
07:00	13.3	56.0	11.9	76.7	11.44	0.0099	15.3	.0	.00
08:00	13.6	56.5	12.0	79.1	11.67	0.0101	15.6	.0	.00
09:00	13.7	56.7	12.1	78.9	11.74	0.0101	15.7	.0	.00
10:00	13.7	56.6	12.1	77.3	11.69	0.0101	15.7	.0	.00
11:00	13.7	56.7	12.3	75.5	11.73	0.0101	15.7	.0	.00
12:00	14.0	57.2	12.4	74.1	11.89	0.0103	16.0	.0	.00
13:00	14.0	57.1	12.6	67.8	11.83	0.0103	16.0	.0	.00
14:00	14.5	58.1	12.8	72.4	12.24	0.0107	16.5	.0	.00
15:00	15.1	59.1	13.0	75.6	12.71	0.0111	17.1	.0	.00
16:00	<	<	13.1	77.5	<	<	<	.0	.00
17:00	<	<	13.2	80.5	<	<	<	.0	.00
18:00	16.3	61.3	13.3	90.2	13.79	0.012	18.5	.0	.00
19:00	15.8	60.4	13.3	86.9	13.37	0.0116	17.9	.0	.00
20:00	15.7	60.2	13.3	87.1	13.27	0.0115	17.8	.0	.00
21:00	15.6	60.1	13.3	86.5	13.22	0.0115	17.7	.0	.00
22:00	15.8	60.5	13.3	83.1	13.39	0.0117	18.0	.0	.00
23:00	16.2	61.1	13.4	82.8	13.67	0.0119	18.4	.0	.00
Average	14	57.1	12.4	76.9	11.93	.01	16	.0	.00
Max	16.3	61.3	13.4	90.2	13.79	0.012	18.5	.0	.00
Min	10.5	50.9	11.3	67.8	9.54	0.0082	12.7	.0	.00
Count	22	22	24	24	22	22	22	24	24

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	18_PrecipSum	19_BP	20_BP	21_Solar_Rad	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m	26_VWDir_10m
Hour	INCHES	INHG	KPa	Langleys	W/M2	DEG	DEG	DEG	DEG
00:00	.00	29.06	984.4	.00	-1.7	256	219	212	251
01:00	.00	29.06	984.2	.00	-2.3	227	226	213	228
02:00	.00	29.06	984.2	.00	-2.1	227	227	214	227
03:00	.00	29.05	984.0	.00	-1.8	222	222	209	223
04:00	.00	29.05	983.9	.00	-2.0	226	223	210	226
05:00	.00	29.06	984.3	.00	-1.6	236	233	220	236
06:00	.00	29.07	984.5	.00	-2.2	233	227	215	232
07:00	.00	29.07	984.6	.00	.5	231	229	215	231
08:00	.00	29.08	984.9	.02	11.3	234	229	216	233
09:00	.00	29.08	985.1	.07	48.7	219	219	209	218
10:00	.00	29.08	984.9	.17	120.9	219	217	204	218
11:00	.00	29.07	984.6	.22	153.9	221	219	207	220
12:00	.00	29.05	983.9	.24	165.0	225	223	213	226
13:00	.00	29.02	983.0	.36	250.0	226	227	220	227
14:00	.00	29.01	982.7	.09	64.0	215	224	205	215
15:00	.00	29.00	982.4	.23	162.5	207	231	207	206
16:00	.00	28.99	982.0	.06	43.6	<	<	<	<
17:00	.00	28.99	981.8	.00	1.4	<	236	220	<
18:00	.00	29.00	982.4	.00	-2.0	230	225	215	229
19:00	.00	29.00	982.1	.00	-2.6	226	225	211	226
20:00	.00	28.98	981.6	.00	-2.7	230	223	205	230
21:00	.00	28.99	981.8	.00	-2.7	234	234	221	235
22:00	.00	28.99	982.0	.00	-2.4	228	228	218	227
23:00	.00	28.99	982.0	.00	-2.4	230	231	219	229
Average	.00	29.03	983.4	.06	41.4	227	226	213	220
Max	.00	29.08	985.1	.36	250.0	256	236	221	251
Min	.00	28.98	981.6	.00	-2.7	207	217	204	206
Count	24	24	24	24	24	22	23	23	22

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	27_VWDir_30m	28_VWDir_100m	29_Sigma_10m	30_Sigma_30m	31_Sigma_100m	32_WSpd_10m	33_WSpd_30m	34_WSpd_100m	35_WSpd_10m
Hour	DEG	DEG	DEG	DEG	DEG	M/SEC	M/SEC	M/SEC	MPH
00:00	222	213	28	19	10	.5	1.2	3.7	1.1
01:00	225	213	21	15	9	2.3	3.5	6.6	5.2
02:00	226	214	18	16	9	2.9	4.0	6.5	6.4
03:00	221	209	19	16	9	2.8	3.8	6.3	6.2
04:00	223	210	18	15	9	3.0	4.2	6.6	6.7
05:00	233	219	18	15	9	2.9	4.0	6.3	6.4
06:00	227	215	18	14	8	2.4	3.4	5.9	5.4
07:00	229	215	18	15	9	2.8	3.8	5.6	6.2
08:00	229	216	19	18	9	2.4	3.3	5.6	5.4
09:00	218	209	19	16	9	3.3	4.5	6.9	7.4
10:00	216	203	19	17	11	3.3	4.3	6.6	7.3
11:00	218	207	19	15	10	3.9	5.1	7.2	8.6
12:00	223	213	19	17	10	3.1	4.0	6.2	6.9
13:00	228	220	19	17	11	3.2	4.1	5.7	7.1
14:00	214	205	19	16	8	3.3	3.9	6.6	7.3
15:00	233	203	19	23	12	3.1	2.9	5.5	7.0
16:00	222	<	18	16	19	<	3.2	<	<
17:00	236	220	20	14	7	<	2.6	4.6	<
18:00	226	215	16	14	7	1.7	2.8	4.8	3.8
19:00	224	211	16	12	7	1.5	2.4	4.4	3.3
20:00	222	205	17	12	8	1.3	2.3	4.1	3.0
21:00	234	222	13	9	6	1.2	2.4	4.6	2.6
22:00	228	218	17	14	8	2.1	3.4	6.3	4.8
23:00	230	219	19	17	8	2.6	3.7	6.5	5.9
Average	6	6	19	16	9	2.5	3.5	5.8	5.6
Max	236	222	28	23	19	3.9	5.1	7.2	8.6
Min	214	203	13	9	6	.5	1.2	3.7	1.1
Count	24	23	24	24	24	22	24	23	22

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	36_WSpd_30m	37_WSpd_100m	38_VWSpd_10m	39_VWSpd_30m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m
Hour	MPH	MPH	MPH	MPH	MPH	MPH	MPH
00:00	2.6	8.4	.6	2.5	6.2	10.3	19.7
01:00	7.9	14.7	4.9	7.6	14.0	17.4	29.1
02:00	8.9	14.6	6.1	8.5	15.8	25.0	32.5
03:00	8.6	14.0	5.8	8.2	16.0	25.4	24.7
04:00	9.4	14.9	6.3	9.1	23.1	22.2	28.4
05:00	8.9	14.1	6.0	8.6	17.2	24.3	31.1
06:00	7.7	13.1	5.1	7.3	14.2	22.2	23.1
07:00	8.5	12.6	5.9	8.1	15.6	19.0	24.3
08:00	7.4	12.5	5.0	7.0	15.1	17.9	26.8
09:00	10.0	15.5	6.9	9.6	16.9	21.3	24.0
10:00	9.6	14.8	6.8	9.1	18.3	23.6	35.5
11:00	11.5	16.1	8.0	11.0	26.3	24.3	36.4
12:00	8.9	13.9	6.4	8.5	21.1	22.0	33.4
13:00	9.1	12.7	6.5	8.6	18.5	18.5	22.0
14:00	8.6	14.8	6.7	8.1	22.7	51.8	24.7
15:00	6.5	12.3	6.4	5.3	19.2	93.9	29.1
16:00	7.1	<	<	6.7	<	31.1	<
17:00	5.8	10.3	<	5.6	<	13.1	19.2
18:00	6.2	10.8	3.6	6.0	14.4	18.3	23.8
19:00	5.4	9.8	3.1	5.2	9.8	13.7	25.4
20:00	5.2	9.2	2.8	4.9	9.8	11.7	15.8
21:00	5.3	10.3	2.5	5.2	7.8	13.1	18.8
22:00	7.7	14.2	4.5	7.4	13.5	17.4	24.5
23:00	8.2	14.5	5.5	7.8	17.9	24.7	38.0
Average	7.7	13	16.1	16.1	16.1	24.3	26.5
Max	11.5	16.1	8.0	11.0	26.3	93.9	38.0
Min	2.6	8.4	.6	2.5	6.2	10.3	15.8
Count	24	23	22	24	22	24	23