Current Time: 12:14 PM

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "C" (1000 Area)

11/22/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	06_TempF_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH
Hour	DEGC	DEGC	DEGC	DEGF	DEGC	DEGC	DEGC	DEGC	PERCENT
00:00	12.1	12.5	12.8	55.0	.5	.7	6.9	10.9	71.5
01:00	12.1	12.4	12.7	54.8	.3	.6	7.7	10.9	75.2
02:00	12.2	12.3	12.5	54.5	.1	.3	7.9	10.9	76.0
03:00	12.2	12.4	12.5	54.5	.2	.3	8.2	10.9	77.6
04:00	12.1	12.6	12.6	54.6	.5	.5	8.7	11.0	80.8
05:00	12.5	12.7	12.6	54.6	.2	.1	10.2	11.0	86.8
06:00	12.8	12.8	12.6	54.6	.0	-.2	11.1	11.0	90.7
07:00	12.8	12.6	12.2	54.0	-.2	-.6	11.9	11.0	95.5
08:00	12.5	12.3	12.0	53.6	-.2	-.5	11.9	11.1	97.5
09:00	12.5	12.3	12.0	53.6	-.2	-.5	11.9	11.2	97.6
10:00	12.5	12.3	12.0	53.6	-.2	-.5	11.9	11.3	97.7
11:00	12.6	12.4	12.1	53.8	-.2	-.5	12.0	11.4	97.7
12:00	12.8	12.6	12.2	54.0	-.2	-.6	12.2	11.5	97.8
13:00	13.2	13.0	12.6	54.7	-.2	-.6	12.6	11.7	97.8
14:00	13.5	13.3	12.8	55.0	-.2	-.7	13.0	11.8	97.8
15:00	13.7	13.5	13.0	55.4	-.2	-.7	13.1	11.9	97.7
16:00	13.6	13.4	13.1	55.6	-.2	-.5	13.0	12.0	97.8
17:00	13.5	13.3	13.0	55.4	-.1	-.5	12.9	12.0	97.8
18:00	13.3	13.2	12.9	55.2	-.1	-.4	12.8	12.1	97.8
19:00	13.2	13.1	12.8	55.0	-.1	-.4	12.7	12.1	97.9
20:00	13.4	13.4	13.1	55.6	-.1	-.3	12.9	12.1	97.9
21:00	13.5	13.4	13.0	55.4	-.1	-.5	12.9	12.1	98.0
22:00	13.0	12.9	12.4	54.4	-.1	-.6	12.4	12.1	97.9
23:00	12.6	12.7	12.1	53.8	.1	-.5	12.0	12.0	97.9
Avg	12.8	12.8	12.6	54.6	.0	-.3	11.4	11.5	92.4
Max	13.7	13.5	13.1	55.6	.5	.7	13.1	12.1	98.0
Hr. of Max	15	15	20	20	04	00	15	22	21
Min	12.1	12.3	12.0	53.6	-.2	-.7	6.9	10.9	71.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	I3_AbsHum gm3	14_Mix Ratio	15_Vapor Pr	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	G/M3	None	KPa	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	7.6	0.00633	10.0	.00	29.31	-1.6	250	244	205
01:00	8.0	0.006671	10.5	.00	29.31	-2.0	242	238	231
02:00	8.1	0.00676	10.7	.00	29.30	-2.3	254	243	231
03:00	8.3	0.006918	10.9	.00	29.29	-2.3	231	230	245
04:00	8.6	0.007169	11.3	.00	29.29	-2.2	245	237	253
05:00	9.5	0.00792	12.5	.00	29.28	-1.8	230	243	246
06:00	10.0	0.00843	13.3	.00	29.28	-2.4	252	266	262
07:00	10.6	0.00886	13.9	.00	29.29	1.9	258	268	267
08:00	10.6	0.008865	13.9	.01	29.29	12.8	251	259	263
09:00	10.6	0.008884	14.0	.00	29.30	31.8	252	262	263
10:00	10.6	0.008892	14.0	.00	29.30	31.9	240	245	248
11:00	10.7	0.008954	14.1	.00	29.29	42.4	248	254	252
12:00	10.8	0.009092	14.3	.00	29.27	50.3	244	248	247
13:00	11.1	0.00931	14.6	.00	29.24	45.2	249	251	251
14:00	11.3	0.009555	15.0	.00	29.22	37.6	235	236	233
15:00	11.4	0.009661	15.1	.01	29.22	17.1	246	252	249
16:00	11.3	0.009557	15.0	.00	29.22	9.2	236	242	247
17:00	11.3	0.009518	14.9	.00	29.22	-.8	244	245	242
18:00	11.2	0.009434	14.8	.00	29.22	-1.9	233	235	234
19:00	11.1	0.009377	14.7	.00	29.22	-2.0	240	236	238
20:00	11.2	0.009489	14.9	.00	29.23	-2.2	251	258	267
21:00	11.3	0.009539	15.0	.01	29.23	-1.4	267	284	299
22:00	10.9	0.009204	14.4	.00	29.24	-1.9	279	304	334
23:00	10.7	0.008965	14.1	.00	29.25	-2.0	316	344	3
Avg	10.3	0.00864	13.6	.00	29.26	10.6	249	254	254
Max	11.4	0.009661	15.1	.01	29.31	50.3	316	344	334
Hr. of Max	15	15	15	21	01	12	23	23	22
Min	7.6	0.00633	10.0	.00	29.22	-2.4	230	230	3
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	29_Sigma_10m	30_Sigma_30m	31_Sigma_100m	35_WSpd_10m	36_WSpd_30m	37_WSpd_100m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m
Hour	DEG	DEG	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	8	12	6	1.3	1.7	2.6	4.1	4.6	6.9
01:00	6	6	2	1.3	2.1	4.3	3.2	5.5	7.1
02:00	5	5	2	1.7	2.5	6.0	3.2	4.4	10.5
03:00	7	4	3	1.6	2.1	6.4	5.3	7.8	14.9
04:00	8	7	6	.8	2.2	6.6	2.5	4.1	11.9
05:00	7	7	5	1.9	3.8	7.8	4.1	6.6	14.2
06:00	11	11	7	2.1	3.4	6.8	5.7	8.0	14.7
07:00	15	13	8	3.3	4.4	7.9	7.3	12.4	15.6
08:00	15	16	10	3.0	3.9	7.6	8.0	10.1	14.2
09:00	15	14	9	3.4	4.5	8.1	7.1	9.4	19.7
10:00	16	15	9	3.3	4.6	7.5	13.1	13.3	14.2
11:00	16	16	10	2.8	3.3	5.8	6.0	8.7	16.7
12:00	16	16	9	2.5	3.1	5.2	6.9	7.8	11.7
13:00	14	12	8	2.1	2.6	4.7	5.7	6.2	9.8
14:00	13	14	8	2.8	3.4	5.6	6.2	8.2	11.9
15:00	13	11	7	2.8	3.8	6.3	6.6	8.2	10.8
16:00	16	14	8	2.4	3.7	7.3	5.3	8.7	12.4
17:00	14	11	6	2.0	3.6	7.7	4.8	6.9	16.3
18:00	14	9	4	2.5	4.4	8.5	5.7	8.7	15.6
19:00	13	8	3	2.9	4.9	8.4	7.3	8.7	23.4
20:00	12	10	6	2.6	4.3	9.5	8.9	10.3	19.9
21:00	16	17	7	1.8	2.6	6.5	5.3	6.6	16.3
22:00	10	14	14	1.6	2.2	4.9	4.1	5.0	12.8
23:00	7	19	21	1.0	1.9	5.0	3.2	4.6	11.2
Avg	12	12	7	2.2	3.3	6.5	5.8	7.7	13.9
Max	16	19	21	3.4	4.9	9.5	13.1	13.3	23.4
Hr. of Max	21	23	23	09	19	20	10	10	19
Min	5	4	2	.8	1.7	2.6	2.5	4.1	6.9
Count	24	24	24	24	24	24	24	24	24
Total									