Current Time: 5:56 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/5/2014

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHum gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	7.3	7.2	7.0	-.1	-.3	6.8	6.0	97.5	7.7
01:00	7.7	7.6	7.3	-.1	-.4	7.2	6.0	97.6	7.8
02:00	8.0	7.9	7.6	-.1	-.4	7.5	5.9	97.6	8.0
03:00	8.4	8.3	8.0	-.2	-.4	7.9	6.0	97.7	8.2
04:00	8.7	8.5	8.3	-.1	-.4	8.2	6.0	97.7	8.4
05:00	9.0	8.8	8.6	-.1	-.4	8.5	6.0	97.8	8.5
06:00	8.7	8.6	8.3	-.1	-.4	8.2	6.1	97.8	8.4
07:00	8.5	8.3	8.1	-.1	-.4	8.0	6.1	97.8	8.2
08:00	8.0	8.0	7.6	-.1	-.4	7.5	6.2	97.6	8.0
09:00	7.1	6.9	6.7	-.2	-.4	5.7	6.2	91.9	7.1
10:00	6.1	5.9	5.7	-.2	-.4	3.2	6.2	82.5	6.0
11:00	5.1	4.9	4.4	-.2	-.7	2.3	6.2	82.9	5.6
12:00	4.9	4.7	4.1	-.2	-.8	.6	6.2	74.4	5.0
13:00	4.1	3.9	3.3	-.2	-.8	-.2	6.3	74.2	4.7
14:00	2.8	2.6	2.1	-.2	-.7	-.8	6.3	77.7	4.5
15:00	2.3	2.1	1.7	-.2	-.6	-1.8	6.1	74.7	4.2
16:00	2.0	1.8	1.3	-.2	-.7	-2.1	5.9	74.7	4.1
17:00	1.2	1.0	.3	-.2	-.9	-2.6	5.7	76.6	4.0
18:00	.1	-.1	-.7	-.2	-.8	-3.2	5.5	78.8	3.8
19:00	-.8	-1.1	-1.7	-.2	-.9	-4.5	5.3	76.4	3.5
20:00	-1.4	-1.6	-2.2	-.2	-.8	-5.7	5.0	72.5	3.2
21:00	-1.7	-1.9	-2.5	-.2	-.8	-6.2	4.7	71.7	3.1
22:00	-1.9	-2.1	-2.5	-.2	-.6	-6.6	4.5	70.3	3.0
23:00	-2.0	-2.2	-2.6	-.2	-.6	-6.7	4.3	70.7	3.0
Avg	4.3	4.1	3.7	-.2	-.6	1.7	5.8	84.5	5.8
Max	9.0	8.8	8.6	-.1	-.3	8.5	6.3	97.8	8.5
Hr. of Max	05	05	05	08	00	05	14	07	05
Min	-2.0	-2.2	-2.6	-.2	-.9	-6.7	4.3	70.3	3.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	14_Mix Ratio	15_Vapor Pr	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m	29_Sigma_10m
Hour	None	KPa	INCHES	INHG	W/M2	DEG	DEG	DEG	DEG
00:00	0.006354	9.9	.04	28.92	-1.7	234	245	250	18
01:00	0.006519	10.1	.01	28.89	-2.2	247	257	250	17
02:00	0.006691	10.4	.06	28.86	-1.9	240	245	242	15
03:00	0.006862	10.7	.13	28.87	-2.0	250	253	249	20
04:00	0.007	10.9	.00	28.86	-2.1	244	245	236	17
05:00	0.007132	11.1	.00	28.87	-1.3	250	250	241	18
06:00	0.007013	10.9	.00	28.91	-2.0	241	244	240	17
07:00	0.006871	10.7	.00	28.94	1.5	241	248	250	16
08:00	0.006662	10.4	.00	28.98	30.8	258	262	263	18
09:00	0.005873	9.2	.00	29.02	50.5	266	270	272	22
10:00	0.004924	7.7	.00	29.05	115.4	268	272	270	22
11:00	0.004613	7.2	.00	29.07	156.1	283	286	280	21
12:00	0.004083	6.4	.00	29.08	162.9	271	272	271	22
13:00	0.003842	6.0	.00	29.09	110.6	264	268	266	21
14:00	0.003675	5.8	.00	29.11	30.4	270	273	272	21
15:00	0.003395	5.4	.00	29.14	29.8	258	267	273	22
16:00	0.003325	5.3	.00	29.16	29.9	249	258	263	20
17:00	0.003207	5.1	.00	29.20	5.2	279	290	293	22
18:00	0.003048	4.8	.00	29.23	-2.1	275	279	287	24
19:00	0.002759	4.4	.00	29.25	-2.7	271	279	283	17
20:00	0.002514	4.0	.00	29.27	-2.9	284	289	292	21
21:00	0.002429	3.9	.00	29.29	-2.7	297	309	317	25
22:00	0.002344	3.7	.00	29.31	-2.9	337	347	338	27
23:00	0.002339	3.7	.00	29.32	-2.7	330	344	341	27
Avg	0.004728	7.4	.01	29.07	28.9	266	272	271	20
Max	0.007132	11.1	.13	29.32	162.9	337	347	341	27
Hr. of Max	05	05	03	23	12	22	22	23	23
Min	0.002339	3.7	.00	28.86	-2.9	234	244	236	15
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	MPH	MPH	MPH	MPH	MPH	MPH
00:00	15	8	2.3	3.6	8.6	8.9	15.8	25.9
01:00	14	7	3.0	4.9	10.5	8.0	11.2	17.6
02:00	12	7	2.0	3.6	8.7	6.6	8.5	19.0
03:00	16	9	5.4	7.7	14.0	15.8	19.0	23.6
04:00	16	9	5.3	7.6	13.4	15.1	16.5	23.4
05:00	16	9	6.1	8.8	14.9	14.7	19.0	23.4
06:00	14	8	6.9	10.1	16.8	17.9	22.9	27.9
07:00	13	8	7.0	9.8	16.1	16.3	20.4	32.1
08:00	15	9	7.1	9.9	17.0	18.3	21.5	30.9
09:00	18	13	7.4	10.2	16.2	19.9	28.6	42.4
10:00	17	12	7.4	9.2	14.5	19.7	22.7	30.7
11:00	17	11	6.0	7.9	12.7	16.0	21.5	51.3
12:00	18	12	8.6	11.4	17.3	24.5	26.3	31.8
13:00	17	11	8.2	10.4	15.8	25.2	27.7	40.8
14:00	18	11	7.4	9.7	15.4	21.8	23.4	26.3
15:00	20	13	5.7	7.1	11.7	21.5	20.4	35.3
16:00	17	11	5.6	6.9	10.5	14.0	14.7	27.2
17:00	18	12	5.9	7.3	11.3	16.0	17.2	20.4
18:00	20	11	6.0	7.9	13.1	16.7	22.2	23.1
19:00	15	10	7.2	9.0	13.5	16.3	19.0	22.4
20:00	16	10	5.8	7.5	11.8	13.7	19.0	31.6
21:00	25	19	4.0	5.3	8.6	12.8	19.5	32.5
22:00	27	16	4.4	6.7	11.1	13.7	20.2	29.3
23:00	25	16	2.8	4.2	7.8	12.4	13.5	25.4
Avg	17	11	5.7	7.8	13.0	16.1	19.6	28.9
Max	27	19	8.6	11.4	17.3	25.2	28.6	51.3
Hr. of Max	22	21	12	12	12	13	09	11
Min	12	7	2.0	3.6	7.8	6.6	8.5	17.6
Count	24	24	24	24	24	24	24	24
Total								