Current Time: 12:31 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/23/2014

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	-5.2	-4.5	-4.3	.7	.9	-15.8	1.7	43.3	1.5
01:00	-5.7	-4.9	-4.7	.8	1.0	-14.7	1.6	49.4	1.6
02:00	-6.9	-6.0	-5.7	.9	1.2	-15.0	1.6	53.0	1.6
03:00	-8.2	-6.9	-6.4	1.3	1.8	-14.5	1.6	60.7	1.6
04:00	-8.8	-7.7	-7.2	1.1	1.6	-13.9	1.5	66.8	1.7
05:00	-9.5	-7.9	-7.4	1.5	2.1	-13.0	1.5	75.5	1.8
06:00	-9.7	-8.3	-7.3	1.3	2.4	-12.7	1.4	78.7	1.9
07:00	-9.7	-7.7	-7.2	2.0	2.5	-12.4	1.4	81.0	1.9
08:00	-7.0	-6.6	-6.7	.4	.3	-11.2	1.3	72.2	2.1
09:00	-5.9	-6.1	-6.7	-.3	-.8	-12.0	1.3	62.3	2.0
10:00	-5.8	-6.1	-6.5	-.3	-.7	-13.1	1.3	56.7	1.8
11:00	-5.1	-5.4	-6.1	-.3	-1.0	-16.1	1.2	42.4	1.4
12:00	-4.4	-4.7	-5.3	-.3	-.9	-16.8	1.2	37.7	1.3
13:00	-4.0	-4.3	-5.1	-.3	-1.1	-18.0	1.2	33.2	1.2
14:00	-4.9	-5.2	-6.2	-.3	-1.3	-19.4	1.2	31.6	1.1
15:00	-5.4	-5.7	-6.7	-.3	-1.3	-20.8	1.2	29.0	1.0
16:00	-5.9	-6.2	-7.1	-.3	-1.2	-21.5	1.2	28.5	.9
17:00	-6.9	-7.2	-7.8	-.2	-.9	-20.7	1.2	32.8	1.0
18:00	-7.8	-8.0	-8.7	-.2	-.9	-20.1	1.2	36.9	1.0
19:00	-8.4	-8.6	-9.2	-.2	-.8	-20.1	1.2	38.8	1.0
20:00	-9.0	-9.2	-9.7	-.2	-.7	-19.8	1.2	41.4	1.0
21:00	-9.6	-9.7	-10.3	-.1	-.7	-19.6	1.2	44.3	1.1
22:00	-9.8	-10.0	-10.5	-.2	-.7	-19.8	1.2	44.5	1.1
23:00	-10.2	-10.4	-10.9	-.2	-.7	-19.7	1.1	45.7	1.1
Avg	-7.2	-7.0	-7.2	.3	.0	-16.7	1.3	49.4	1.4
Max	-4.0	-4.3	-4.3	2.0	2.5	-11.2	1.7	81.0	2.1
Hr. of Max	13	13	00	07	07	08	00	07	08
Min	-10.2	-10.4	-10.9	-.3	-1.3	-21.5	1.1	28.5	.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "C" (1000 Area)

1/23/2014

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	0.001133	1.8	.00	29.19	-3.2	326	232	211	5
01:00	0.001236	2.0	.00	29.20	-3.2	292	266	210	10
02:00	0.00121	1.9	.00	29.20	-3.5	289	302	229	10
03:00	0.001256	2.0	.00	29.22	-3.5	256	249	233	6
04:00	0.001315	2.1	.00	29.23	-3.6	276	236	243	6
05:00	0.001414	2.2	.00	29.24	-3.6	253	249	246	4
06:00	0.001449	2.3	.00	29.26	-3.6	272	234	256	6
07:00	0.001489	2.4	.00	29.29	.0	244	244	257	6
08:00	0.00163	2.6	.00	29.32	60.8	259	270	278	14
09:00	0.001537	2.5	.00	29.36	126.8	297	300	304	22
10:00	0.001402	2.2	.00	29.38	295.2	285	294	303	28
11:00	0.001101	1.8	.00	29.40	542.7	274	282	288	19
12:00	0.00104	1.7	.00	29.40	620.1	289	301	301	27
13:00	0.000943	1.5	.00	29.40	556.9	288	298	296	26
14:00	0.000838	1.3	.00	29.40	315.6	286	291	295	23
15:00	0.000739	1.2	.00	29.42	274.3	287	292	290	20
16:00	0.000696	1.1	.00	29.44	226.9	274	281	283	19
17:00	0.000742	1.2	.00	29.46	29.5	280	285	288	19
18:00	0.000781	1.3	.00	29.48	-3.1	272	284	293	17
19:00	0.000779	1.2	.00	29.50	-3.4	282	292	301	23
20:00	0.000795	1.3	.00	29.51	-3.7	281	297	307	23
21:00	0.000812	1.3	.00	29.52	-3.5	298	308	321	14
22:00	0.000799	1.3	.00	29.54	-3.7	322	340	338	29
23:00	0.0008	1.3	.00	29.55	-3.6	339	350	346	24
Avg	0.001081	1.7	.00	29.37	125.2	284	282	281	17
Max	0.00163	2.6	.00	29.55	620.1	339	350	346	29
Hr. of Max	08	08	23	23	12	23	23	23	22
Min	0.000696	1.1	.00	29.19	-3.7	244	232	210	4
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	8	3	.5	1.0	3.6	2.1	2.3	7.3
01:00	15	3	1.1	1.5	3.7	2.7	2.8	8.2
02:00	11	4	.9	1.4	3.6	2.5	1.8	6.6
03:00	3	1	1.4	1.9	6.1	2.3	3.0	10.1
04:00	4	3	1.2	2.2	5.8	3.4	3.7	15.8
05:00	3	3	1.9	2.4	6.5	3.9	6.9	12.6
06:00	2	5	.9	3.1	4.9	2.3	7.6	9.2
07:00	4	7	3.2	4.9	7.4	6.4	10.8	17.9
08:00	12	7	5.4	7.6	12.8	17.9	16.3	24.3
09:00	19	12	6.4	8.1	12.8	17.6	18.5	25.4
10:00	24	17	5.5	6.8	10.0	15.3	17.2	19.5
11:00	20	20	8.1	9.3	10.7	23.1	22.2	27.2
12:00	28	19	6.7	7.7	10.0	17.6	19.5	22.0
13:00	22	17	8.0	9.7	12.2	19.0	21.3	24.3
14:00	22	13	7.2	8.8	13.5	23.1	30.2	38.2
15:00	18	13	7.7	9.3	12.0	17.4	25.9	31.6
16:00	15	10	8.7	10.7	14.6	33.9	33.7	35.7
17:00	15	10	6.5	8.5	12.7	21.8	22.7	21.8
18:00	16	11	5.2	6.7	11.5	13.3	14.7	31.6
19:00	21	12	4.3	5.7	10.9	11.4	14.7	29.5
20:00	21	11	3.5	4.6	10.5	11.0	14.0	18.5
21:00	11	7	3.4	5.0	9.5	9.4	11.4	19.2
22:00	26	13	2.7	4.1	8.2	10.8	11.9	18.8
23:00	21	16	3.6	5.4	8.0	13.5	16.9	20.2
Avg	15	10	4.3	5.7	9.2	12.6	14.6	20.6
Max	28	20	8.7	10.7	14.6	33.9	33.7	38.2
Hr. of Max	12	11	16	16	16	16	16	14
Min	2	1	.5	1.0	3.6	2.1	1.8	6.6
Count	24	24	24	24	24	24	24	24
Total								