Current Time: 6:31 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/27/2013

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	3.2	3.1	2.5	-.2	-.7	2.8	6.5	97.5	5.8
01:00	2.2	2.1	1.5	-.1	-.7	1.7	6.5	97.5	5.5
02:00	1.2	1.3	1.0	.1	-.2	.7	6.4	97.4	5.1
03:00	.8	.7	.3	-.1	-.5	.4	6.2	97.4	5.0
04:00	.5	.5	.0	-.1	-.5	.1	6.0	97.4	4.9
05:00	.5	.4	.0	-.1	-.5	.0	5.8	97.3	4.8
06:00	.5	.5	.2	.0	-.3	.0	5.7	97.3	4.8
07:00	.6	.6	.2	.0	-.4	-.3	5.6	94.6	4.7
08:00	.5	.6	.2	.0	-.3	-.7	5.5	92.0	4.6
09:00	.7	.7	.3	.0	-.4	-1.0	5.4	88.9	4.5
10:00	.7	.5	.2	-.2	-.5	-1.5	5.4	85.8	4.3
11:00	.5	.3	-.1	-.2	-.6	-1.9	5.5	84.3	4.2
12:00	.2	.0	-.5	-.2	-.7	-3.1	5.6	78.9	3.9
13:00	-.1	-.3	-.8	-.2	-.7	-4.0	5.8	75.1	3.6
14:00	-.6	-.9	-1.2	-.2	-.6	-5.0	5.9	72.6	3.4
15:00	-.6	-.9	-1.3	-.2	-.7	-6.1	5.9	67.0	3.1
16:00	-.8	-1.0	-1.6	-.2	-.8	-6.1	5.9	67.7	3.1
17:00	-1.0	-1.3	-1.7	-.2	-.7	-5.6	5.7	71.8	3.2
18:00	-1.1	-1.3	-1.8	-.2	-.7	-6.0	5.5	69.5	3.1
19:00	-1.3	-1.5	-1.8	-.1	-.4	-6.1	5.3	70.1	3.1
20:00	-1.4	-1.6	-1.9	-.1	-.5	-6.1	5.1	70.6	3.1
21:00	-1.6	-1.7	-2.1	-.1	-.5	-6.3	4.9	70.8	3.1
22:00	-1.7	-1.8	-2.3	-.1	-.6	-7.0	4.8	67.2	2.9
23:00	-2.2	-2.2	-2.7	.0	-.5	-7.5	4.6	67.2	2.8
Avg	.0	-.1	-.6	-.1	-.5	-2.9	5.6	82.3	4.0
Max	3.2	3.1	2.5	.1	-.2	2.8	6.5	97.5	5.8
Hr. of Max	00	00	00	02	02	00	01	01	00
Min	-2.2	-2.2	-2.7	-.2	-.8	-7.5	4.6	67.0	2.8
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	0.004775	7.5	.02	28.89	-2.0	302	315	325	20
01:00	0.004436	6.9	.01	28.89	-2.1	341	350	348	21
02:00	0.004121	6.4	.01	28.90	-2.3	323	352	2	12
03:00	0.004011	6.3	.00	28.91	-2.4	28	19	8	26
04:00	0.003929	6.1	.00	28.92	-2.8	287	326	346	18
05:00	0.003901	6.1	.00	28.94	-3.0	314	334	348	23
06:00	0.003908	6.1	.00	28.96	-2.7	360	8	1	29
07:00	0.003817	6.0	.00	28.98	-1.6	10	13	358	34
08:00	0.003698	5.8	.00	29.00	6.3	343	13	353	29
09:00	0.003615	5.7	.00	29.02	23.4	326	344	337	28
10:00	0.003491	5.5	.00	29.03	52.1	270	282	303	23
11:00	0.003372	5.3	.02	29.04	101.4	276	286	300	32
12:00	0.003095	4.9	.00	29.05	148.9	287	298	302	20
13:00	0.002883	4.5	.00	29.07	209.4	278	285	288	21
14:00	0.002678	4.2	.00	29.10	129.4	286	296	298	22
15:00	0.002463	3.9	.00	29.14	75.9	283	293	298	22
16:00	0.002458	3.9	.00	29.17	108.4	267	274	283	22
17:00	0.002555	4.0	.00	29.20	.6	265	274	288	18
18:00	0.002467	3.9	.00	29.23	-3.0	274	288	304	19
19:00	0.00244	3.9	.00	29.25	-2.9	278	291	309	19
20:00	0.002438	3.9	.00	29.27	-2.7	278	290	306	13
21:00	0.002416	3.8	.00	29.28	-1.9	278	285	312	13
22:00	0.002275	3.6	.00	29.29	-2.2	346	360	359	22
23:00	0.002189	3.5	.00	29.30	-2.7	349	6	3	24
Avg	0.003226	5.1	.00	29.08	34.2	305	319	326	22
Max	0.004775	7.5	.02	29.30	209.4	360	360	359	34
Hr. of Max	00	00	11	23	13	06	22	22	07
Min	0.002189	3.5	.00	28.89	-3.0	10	6	1	12
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	19	11	1.6	2.5	6.4	6.0	7.8	13.1
01:00	26	15	1.5	2.7	7.0	6.9	9.2	16.7
02:00	20	18	1.2	2.8	5.4	4.1	7.1	16.5
03:00	21	24	1.0	2.7	7.1	5.5	8.2	15.1
04:00	18	14	1.6	2.3	6.7	4.1	5.7	14.9
05:00	22	13	1.6	2.9	8.2	5.0	9.4	16.3
06:00	24	23	2.0	4.6	10.0	9.2	11.2	18.8
07:00	25	21	1.8	4.1	9.6	8.7	12.8	21.3
08:00	23	19	1.1	2.7	7.4	6.0	9.2	18.5
09:00	31	17	1.7	2.8	7.3	7.1	11.0	18.8
10:00	23	14	3.3	4.3	7.7	12.4	15.3	16.0
11:00	26	20	3.3	4.1	7.2	11.9	13.5	17.2
12:00	21	15	6.2	7.3	10.4	16.9	19.2	24.3
13:00	19	13	6.4	8.0	11.4	18.1	18.8	23.1
14:00	19	12	7.0	8.9	13.8	19.0	19.9	26.8
15:00	20	14	5.6	7.3	11.4	16.9	20.6	26.1
16:00	21	14	4.2	5.2	8.3	15.3	12.1	16.7
17:00	14	9	3.9	5.2	7.9	11.0	21.8	24.3
18:00	19	12	3.0	4.1	6.7	7.1	9.2	17.4
19:00	17	12	2.2	2.9	5.3	8.5	8.5	18.1
20:00	12	8	2.1	3.0	5.7	6.9	7.1	11.7
21:00	12	12	1.6	2.2	4.5	3.9	5.5	9.2
22:00	21	16	1.6	3.2	6.9	7.1	8.2	12.6
23:00	24	25	2.0	4.8	9.4	6.4	9.6	19.0
Avg	21	15	2.8	4.2	8.0	9.3	11.7	18.0
Max	31	25	7.0	8.9	13.8	19.0	21.8	26.8
Hr. of Max	09	23	14	14	14	14	17	14
Min	12	8	1.0	2.2	4.5	3.9	5.5	9.2
Count	24	24	24	24	24	24	24	24
Total								