Current Time: 5:34 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/17/2013

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	11.7	12.3	12.2	.7	.5	11.1	10.3	97.8	10.1
01:00	11.9	12.3	12.5	.4	.6	11.3	10.3	97.7	10.2
02:00	11.8	12.2	12.5	.4	.7	11.3	10.4	97.6	10.2
03:00	11.7	12.0	12.6	.4	.9	11.1	10.4	97.6	10.1
04:00	11.6	11.9	12.8	.3	1.2	11.1	10.4	97.6	10.0
05:00	11.8	12.2	13.0	.4	1.2	11.2	10.4	97.6	10.2
06:00	12.1	12.8	13.3	.7	1.2	11.5	10.5	97.6	10.4
07:00	12.5	12.9	13.7	.4	1.2	11.9	10.5	97.6	10.6
08:00	13.1	13.6	14.0	.5	.9	12.5	10.6	97.4	11.0
09:00	14.6	14.7	14.7	.1	.1	13.4	10.7	94.2	11.6
10:00	16.3	16.5	15.7	.1	-.6	13.7	11.0	85.8	11.8
11:00	19.3	19.3	18.3	.0	-1.0	14.6	11.4	75.3	12.3
12:00	17.7	17.6	16.7	-.1	-1.0	14.9	11.7	85.2	12.6
13:00	16.0	15.9	15.2	-.1	-.8	15.4	12.0	97.8	13.1
14:00	16.3	16.2	15.4	-.1	-.9	15.7	12.3	98.0	13.4
15:00	17.1	16.9	16.4	-.1	-.7	16.4	12.5	98.1	14.0
16:00	17.2	17.1	16.5	-.1	-.8	16.6	12.7	98.1	14.1
17:00	17.2	17.1	16.3	-.1	-.9	16.6	12.9	98.2	14.1
18:00	17.0	16.9	16.6	-.1	-.4	16.4	13.0	98.2	14.0
19:00	17.6	17.6	17.2	.0	-.4	17.0	13.1	98.3	14.5
20:00	18.7	18.6	18.1	-.1	-.6	18.1	13.1	98.4	15.5
21:00	19.1	19.0	18.4	-.1	-.7	18.5	13.3	98.4	15.8
22:00	19.4	19.3	18.9	-.1	-.5	18.7	13.5	98.4	16.1
23:00	17.5	17.4	17.1	-.1	-.4	16.9	13.6	98.2	14.4
Avg	15.4	15.5	15.3	.1	-.1	14.4	11.7	95.8	12.5
Max	19.4	19.3	18.9	.7	1.2	18.7	13.6	98.4	16.1
Hr. of Max	22	22	22	06	07	22	23	22	22
Min	11.6	11.9	12.2	-.1	-1.0	11.1	10.3	75.3	10.0
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	0.008467	13.2	.00	29.13	-2.0	11	264	263	8
01:00	0.008597	13.4	.00	29.11	-2.0	344	111	280	11
02:00	0.008562	13.4	.00	29.10	-2.9	253	214	270	13
03:00	0.008483	13.2	.00	29.08	-2.0	261	226	254	9
04:00	0.008456	13.2	.00	29.06	-1.5	256	239	231	13
05:00	0.008554	13.4	.00	29.06	-1.9	285	244	270	9
06:00	0.008733	13.6	.00	29.06	-1.9	306	201	283	13
07:00	0.008969	14.0	.00	29.06	5.5	280	168	275	12
08:00	0.009318	14.5	.00	29.05	62.2	358	44	240	11
09:00	0.009903	15.4	.00	29.05	70.1	130	42	270	9
10:00	0.010102	15.7	.00	29.04	137.2	108	246	216	19
11:00	0.010719	16.6	.00	29.02	86.2	216	217	200	21
12:00	0.010935	17.0	.07	28.99	38.5	258	259	234	15
13:00	0.011299	17.5	.19	28.98	34.2	245	247	233	16
14:00	0.011565	17.9	.14	28.95	52.9	248	233	197	20
15:00	0.012134	18.7	.08	28.92	33.3	228	220	194	23
16:00	0.012252	18.9	.05	28.91	7.4	247	240	218	17
17:00	0.012261	18.9	.10	28.92	-.8	245	244	225	17
18:00	0.012133	18.7	.04	28.92	-1.6	230	232	221	13
19:00	0.012599	19.4	.01	28.92	-1.1	225	228	216	16
20:00	0.013515	20.8	.01	28.92	-1.9	223	225	214	19
21:00	0.013866	21.4	.00	28.92	-1.6	228	228	216	19
22:00	0.014081	21.7	.00	28.92	-1.7	231	232	219	18
23:00	0.012559	19.4	.47	28.93	-1.6	241	243	241	18
Avg	0.010753	16.7	.04	29.00	21.0	252	230	236	15
Max	0.014081	21.7	.47	29.13	137.2	358	264	283	23
Hr. of Max	22	22	23	00	10	08	00	06	15
Min	0.008456	13.2	.00	28.91	-2.9	11	42	194	8
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	7	.7	1.1	5.3	2.5	3.2	13.1
01:00	14	7	.9	1.3	3.4	3.7	4.1	12.8
02:00	8	4	1.2	1.5	4.6	3.0	4.6	8.5
03:00	3	4	1.1	2.9	6.2	2.7	6.4	12.6
04:00	14	7	.4	.8	6.5	2.5	6.0	16.0
05:00	13	6	.4	.8	6.3	1.6	3.0	14.9
06:00	9	7	.4	1.0	6.6	1.8	4.4	15.8
07:00	14	7	.5	1.0	4.7	2.5	3.4	11.7
08:00	13	15	.5	1.0	2.3	1.6	3.2	5.5
09:00	17	12	1.0	1.4	3.8	3.0	3.0	8.0
10:00	23	12	.9	1.4	5.8	4.1	4.8	16.9
11:00	18	11	4.5	6.6	11.8	12.8	17.2	22.4
12:00	13	12	4.4	6.5	10.1	10.5	12.4	18.3
13:00	13	8	2.8	4.5	9.6	8.0	11.0	20.6
14:00	15	9	2.8	4.5	9.3	8.7	13.3	20.6
15:00	18	10	3.8	5.3	10.1	11.0	14.0	21.5
16:00	15	10	4.4	6.6	11.3	12.4	15.6	18.1
17:00	13	7	4.2	6.3	11.6	12.1	15.6	21.8
18:00	9	4	2.8	4.9	9.2	5.7	7.3	18.8
19:00	13	7	4.0	6.6	13.2	12.6	20.2	26.1
20:00	16	8	7.0	10.0	18.1	17.2	21.8	32.3
21:00	15	8	6.8	9.6	17.5	19.0	26.6	42.4
22:00	15	8	7.1	10.2	17.2	15.8	33.7	29.5
23:00	15	9	7.6	10.7	17.3	26.8	28.6	46.5
Avg	14	8	2.9	4.4	9.2	8.4	11.8	19.8
Max	23	15	7.6	10.7	18.1	26.8	33.7	46.5
Hr. of Max	10	08	23	23	20	23	22	23
Min	3	4	.4	.8	2.3	1.6	3.0	5.5
Count	24	24	24	24	24	24	24	24
Total								