Current Time: 6:20 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/13/2014

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	1.2	3.2	6.1	2.0	4.9	.5	4.1	95.8	5.0
01:00	.8	2.4	5.6	1.6	4.6	.1	3.9	95.6	4.9
02:00	.8	2.5	5.0	1.7	4.2	.1	3.6	95.2	4.9
03:00	.4	2.5	5.0	2.1	4.6	-.3	3.5	95.6	4.7
04:00	.6	1.9	4.7	1.3	4.1	.1	3.3	96.9	4.9
05:00	.5	2.5	4.4	2.0	3.9	-.1	3.2	96.8	4.8
06:00	.8	2.8	4.4	2.0	3.6	.1	3.1	96.1	4.9
07:00	1.2	3.2	5.0	2.0	3.8	.3	3.0	94.0	4.9
08:00	2.1	4.6	5.3	2.5	3.2	.7	3.0	90.8	5.1
09:00	5.0	5.9	5.7	.8	.7	1.9	3.0	80.8	5.5
10:00	5.5	5.9	5.7	.4	.2	2.3	3.2	80.0	5.6
11:00	6.5	6.4	5.6	-.1	-.9	2.6	3.4	76.6	5.7
12:00	6.3	6.1	5.4	-.2	-.9	4.1	3.6	87.0	6.4
13:00	5.7	5.6	5.1	-.2	-.6	5.2	3.9	97.1	6.9
14:00	5.8	5.6	5.2	-.1	-.6	5.3	4.1	97.4	6.9
15:00	6.0	5.9	5.6	-.2	-.4	5.5	4.3	97.5	7.0
16:00	6.3	6.2	5.9	-.1	-.4	5.8	4.5	97.6	7.2
17:00	6.3	6.2	5.9	-.1	-.4	5.8	4.6	97.6	7.1
18:00	6.1	6.1	5.7	.0	-.4	5.6	4.7	97.6	7.1
19:00	6.1	6.2	5.8	.1	-.3	5.6	4.7	97.6	7.1
20:00	6.1	6.1	5.9	.1	-.2	5.6	4.7	97.7	7.1
21:00	6.3	6.3	6.0	.0	-.3	5.8	4.7	97.7	7.2
22:00	6.7	6.6	6.4	-.1	-.3	6.2	4.8	97.7	7.4
23:00	6.9	6.8	6.7	-.1	-.2	6.4	4.8	97.7	7.5
Avg	4.2	4.9	5.5	.7	1.3	3.1	3.9	93.9	6.1
Max	6.9	6.8	6.7	2.5	4.9	6.4	4.8	97.7	7.5
Hr. of Max	23	23	23	08	00	23	23	23	23
Min	.4	1.9	4.4	-.2	-.9	-.3	3.0	76.6	4.7
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	0.004029	6.3	.00	29.12	-2.3	265	256	231	19
01:00	0.003899	6.1	.00	29.13	-3.0	276	231	247	26
02:00	0.003894	6.1	.00	29.12	-2.6	293	239	242	27
03:00	0.003799	6.0	.00	29.12	-2.9	248	228	255	25
04:00	0.0039	6.1	.00	29.11	-2.6	258	231	264	17
05:00	0.003865	6.1	.00	29.10	-2.7	273	231	269	16
06:00	0.003925	6.2	.00	29.08	-2.7	293	253	273	14
07:00	0.00397	6.2	.00	29.08	-1.2	255	224	255	14
08:00	0.004083	6.4	.00	29.10	16.7	250	248	238	9
09:00	0.004451	7.0	.00	29.11	53.2	225	258	268	16
10:00	0.004583	7.2	.00	29.08	67.2	212	223	255	11
11:00	0.004696	7.4	.00	29.07	86.5	244	259	267	18
12:00	0.005255	8.2	.02	29.05	57.4	260	273	273	15
13:00	0.005639	8.8	.12	29.03	36.6	240	262	266	15
14:00	0.005686	8.9	.09	29.00	36.1	54	294	269	16
15:00	0.005794	9.1	.03	28.96	43.7	27	15	301	24
16:00	0.005918	9.2	.01	28.96	19.4	241	279	281	14
17:00	0.005899	9.2	.01	28.96	.7	355	104	268	10
18:00	0.005848	9.1	.01	28.95	-2.3	332	255	273	18
19:00	0.00585	9.1	.00	28.94	-2.8	244	277	271	11
20:00	0.005831	9.1	.00	28.94	-2.5	225	220	265	10
21:00	0.005915	9.2	.01	28.94	-2.5	250	265	256	16
22:00	0.006089	9.5	.00	28.93	-2.0	255	262	257	14
23:00	0.006184	9.6	.00	28.92	-2.9	249	262	259	17
Avg	0.004958	7.8	.01	29.03	15.9	263	252	263	16
Max	0.006184	9.6	.12	29.13	86.5	355	294	301	27
Hr. of Max	23	23	13	01	11	17	14	15	02
Min	0.003799	6.0	.00	28.92	-3.0	27	15	231	9
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	16	5	.6	1.0	8.5	2.3	1.6	15.8
01:00	11	7	.9	2.1	8.2	3.4	6.4	19.9
02:00	27	7	1.1	1.5	7.9	3.7	6.2	20.4
03:00	11	7	1.3	4.6	9.4	4.6	9.4	15.3
04:00	7	5	.6	2.9	8.4	3.2	11.0	18.8
05:00	15	6	1.4	2.7	8.2	4.8	8.2	15.8
06:00	12	4	1.5	1.9	6.5	5.5	11.9	17.4
07:00	9	5	1.6	3.0	9.2	5.0	6.4	21.8
08:00	8	4	2.1	3.4	9.5	7.3	6.0	18.3
09:00	14	8	2.9	4.9	10.5	8.9	11.7	19.2
10:00	22	8	2.1	2.3	6.6	5.3	6.9	16.9
11:00	17	10	2.4	3.5	6.4	7.3	12.4	16.9
12:00	17	9	2.0	2.7	5.4	5.5	8.7	11.7
13:00	15	9	1.7	2.6	6.4	5.5	9.8	17.6
14:00	20	9	.6	1.0	4.2	3.9	4.8	10.5
15:00	19	11	1.0	1.0	2.9	3.7	4.6	7.6
16:00	14	9	1.5	1.6	4.6	6.2	7.1	11.9
17:00	19	8	.3	.7	2.4	2.7	2.7	5.7
18:00	14	7	.4	.8	4.1	1.8	2.5	10.3
19:00	16	7	.6	1.1	5.8	3.0	3.9	15.3
20:00	6	6	1.3	2.3	5.8	3.9	4.6	11.2
21:00	13	7	2.3	4.1	9.4	8.0	10.1	15.6
22:00	12	8	2.5	4.1	7.9	6.6	9.2	13.7
23:00	13	8	3.1	4.8	9.2	9.4	11.7	19.5
Avg	14	7	1.5	2.5	7.0	5.1	7.4	15.3
Max	27	11	3.1	4.9	10.5	9.4	12.4	21.8
Hr. of Max	02	15	23	09	09	23	11	07
Min	6	4	.3	.7	2.4	1.8	1.6	5.7
Count	24	24	24	24	24	24	24	24
Total								