Current Time: 2:21 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/28/2013

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	11.2	12.1	12.6	.9	1.4	10.4	13.3	96.1	9.6
01:00	10.7	11.4	12.2	.7	1.5	10.1	13.1	97.3	9.4
02:00	10.8	11.3	12.1	.5	1.3	10.1	13.0	97.1	9.5
03:00	10.9	11.4	12.0	.4	1.1	10.3	12.9	97.0	9.6
04:00	11.2	11.5	11.8	.3	.6	10.5	12.9	97.2	9.7
05:00	11.2	11.6	11.6	.4	.4	10.6	12.9	97.3	9.7
06:00	11.3	11.6	11.6	.4	.3	10.7	12.9	97.3	9.8
07:00	10.5	11.1	11.4	.6	.9	9.9	12.8	97.5	9.3
08:00	10.5	10.8	11.1	.4	.6	9.9	12.7	97.6	9.3
09:00	12.9	12.9	12.2	-.1	-.7	10.4	12.6	86.1	9.6
10:00	15.4	15.2	14.1	-.2	-1.3	10.6	12.9	74.3	9.7
11:00	16.2	15.9	15.0	-.2	-1.2	11.0	13.5	72.5	9.9
12:00	16.1	16.0	15.0	-.2	-1.1	11.4	14.1	74.6	10.1
13:00	16.4	16.2	15.2	-.2	-1.2	11.7	14.5	74.7	10.3
14:00	16.8	16.5	15.7	-.2	-1.1	11.5	14.8	72.4	10.2
15:00	17.1	16.9	16.1	-.2	-1.0	11.2	15.0	69.0	10.0
16:00	16.6	16.4	15.6	-.2	-1.0	11.7	15.1	73.8	10.3
17:00	16.1	15.9	15.3	-.2	-.8	11.9	15.1	77.2	10.4
18:00	15.6	15.5	15.0	-.1	-.6	12.3	15.1	82.1	10.8
19:00	15.0	15.1	14.9	.1	-.1	12.7	15.0	87.2	11.0
20:00	14.5	14.8	14.9	.3	.5	12.7	14.9	90.8	11.1
21:00	13.9	14.4	14.6	.5	.7	12.8	14.8	94.6	11.2
22:00	13.8	14.1	14.3	.3	.5	12.9	14.6	96.3	11.3
23:00	13.5	13.9	13.9	.4	.4	12.8	14.5	97.3	11.2
Avg	13.7	13.9	13.7	.2	.0	11.3	13.9	87.4	10.1
Max	17.1	16.9	16.1	.9	1.5	12.9	15.1	97.6	11.3
Hr. of Max	15	15	15	00	01	22	18	08	22
Min	10.5	10.8	11.1	-.2	-1.3	9.9	12.6	69.0	9.3
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	0.008077	12.7	.00	29.17	-2.0	274	252	234	5
01:00	0.007892	12.4	.00	29.16	-2.4	277	167	257	9
02:00	0.007915	12.4	.00	29.16	-2.4	258	247	252	5
03:00	0.008002	12.5	.00	29.16	-2.2	268	54	254	3
04:00	0.008127	12.7	.00	29.17	-1.9	301	11	170	6
05:00	0.008155	12.8	.00	29.19	-2.3	309	356	144	8
06:00	0.008189	12.8	.00	29.20	-2.2	330	47	127	9
07:00	0.007784	12.2	.00	29.21	-1.5	300	355	176	5
08:00	0.007787	12.2	.00	29.22	50.8	320	30	197	2
09:00	0.008057	12.7	.00	29.24	225.6	223	216	223	11
10:00	0.008178	12.9	.00	29.25	326.3	242	242	229	17
11:00	0.008376	13.2	.00	29.26	284.9	255	260	252	15
12:00	0.008615	13.5	.00	29.26	256.3	275	282	277	16
13:00	0.00877	13.8	.00	29.25	171.9	242	240	232	18
14:00	0.008703	13.7	.00	29.23	205.0	238	241	235	19
15:00	0.008494	13.3	.00	29.22	112.8	236	238	227	19
16:00	0.008777	13.8	.00	29.23	80.0	226	227	220	18
17:00	0.008884	13.9	.00	29.23	35.6	244	243	233	16
18:00	0.009147	14.4	.00	29.25	1.9	268	265	254	13
19:00	0.009353	14.7	.00	29.26	-1.9	260	229	223	5
20:00	0.009398	14.8	.00	29.27	-1.7	315	248	230	3
21:00	0.009462	14.9	.00	29.28	-2.0	275	241	217	3
22:00	0.009522	15.0	.00	29.28	-2.0	312	295	199	10
23:00	0.009437	14.8	.00	29.29	-1.9	280	317	201	3
Avg	0.008546	13.4	.00	29.23	71.9	272	266	222	10
Max	0.009522	15.0	.00	29.29	326.3	330	356	277	19
Hr. of Max	22	22	23	23	10	06	05	12	15
Min	0.007784	12.2	.00	29.16	-2.4	223	11	127	2
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	9	2	1.3	1.7	6.3	2.5	2.3	10.8
01:00	7	3	.6	1.0	5.4	4.1	4.4	14.9
02:00	8	2	.7	1.2	4.3	2.5	3.7	14.0
03:00	16	3	.6	.9	1.3	1.8	2.3	3.2
04:00	8	2	.3	.6	1.8	1.8	1.6	4.6
05:00	7	8	.4	.5	.5	1.6	1.5	2.5
06:00	12	5	.7	1.0	2.1	2.1	2.5	3.9
07:00	11	2	.7	1.0	3.5	1.6	2.5	7.3
08:00	3	1	.2	.5	4.1	.9	2.0	8.2
09:00	16	9	1.7	1.7	5.2	7.3	8.5	9.6
10:00	15	11	4.3	5.2	6.3	10.1	10.5	12.1
11:00	15	11	4.4	5.3	5.4	9.4	10.1	11.0
12:00	18	14	3.4	3.9	4.8	10.3	11.0	12.1
13:00	15	11	4.9	6.6	8.7	12.4	15.6	16.7
14:00	16	11	4.4	5.7	7.5	10.3	11.7	13.5
15:00	17	9	4.1	5.7	8.6	9.6	16.9	18.3
16:00	15	7	5.2	7.6	11.2	12.4	15.3	20.8
17:00	12	6	3.5	5.5	8.7	12.1	17.9	19.0
18:00	10	5	1.9	3.4	6.9	4.8	7.3	16.3
19:00	5	4	1.1	2.5	6.6	2.1	4.1	12.8
20:00	2	2	.3	.5	4.5	2.1	3.9	12.8
21:00	4	1	1.2	1.8	5.1	2.5	4.1	7.3
22:00	18	3	.7	1.0	3.2	2.7	2.5	8.2
23:00	3	5	1.0	1.3	3.0	3.0	3.0	4.8
Avg	11	6	2.0	2.8	5.2	5.4	6.9	11.0
Max	18	14	5.2	7.6	11.2	12.4	17.9	20.8
Hr. of Max	22	12	16	16	16	16	17	16
Min	2	1	.2	.5	.5	.9	1.5	2.5
Count	24	24	24	24	24	24	24	24
Total								