Current Time: 7:20 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/19/2013

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	9.6	10.0	10.2	.5	.6	9.1	16.4	97.7	8.8
01:00	9.2	9.7	10.0	.6	.8	8.6	16.1	97.7	8.6
02:00	9.1	9.6	9.8	.5	.7	8.6	15.9	97.7	8.6
03:00	8.5	9.1	9.3	.6	.8	8.0	15.7	97.7	8.3
04:00	8.3	8.8	8.7	.5	.4	7.8	15.5	97.7	8.1
05:00	8.6	9.0	8.9	.4	.3	8.1	15.4	97.7	8.3
06:00	9.2	9.3	9.1	.1	-.1	8.7	15.3	97.8	8.6
07:00	9.4	9.6	9.3	.2	-.1	8.8	15.2	97.8	8.7
08:00	9.8	9.9	9.5	.0	-.3	9.3	15.2	97.8	9.0
09:00	10.9	10.8	10.2	-.1	-.7	10.4	15.2	97.9	9.6
10:00	11.7	11.5	11.0	-.2	-.7	11.1	15.3	97.4	10.1
11:00	12.5	12.3	11.7	-.2	-.8	11.1	15.5	92.3	10.0
12:00	14.3	14.0	13.3	-.2	-1.0	10.8	15.8	80.9	9.8
13:00	15.9	15.6	14.9	-.3	-1.0	10.2	16.1	70.3	9.4
14:00	16.8	16.6	15.8	-.2	-1.0	10.2	16.6	66.0	9.4
15:00	16.9	16.7	16.1	-.1	-.8	10.2	16.9	65.8	9.3
16:00	16.3	16.1	15.7	-.2	-.6	10.4	17.1	69.1	9.5
17:00	15.2	15.0	14.4	-.2	-.8	10.2	17.1	73.1	9.4
18:00	14.1	13.9	13.6	-.2	-.5	9.8	17.1	76.8	9.2
19:00	12.3	12.2	11.7	-.2	-.6	9.3	16.9	82.6	8.9
20:00	10.8	11.0	10.7	.2	-.1	8.5	16.6	86.9	8.5
21:00	9.5	10.1	10.0	.6	.5	8.0	16.2	91.7	8.2
22:00	8.7	9.5	9.4	.8	.7	6.8	15.8	89.0	7.6
23:00	7.0	8.1	8.3	1.1	1.3	6.2	15.4	96.0	7.4
Avg	11.4	11.6	11.3	.2	-.1	9.2	16.0	88.1	8.9
Max	16.9	16.7	16.1	1.1	1.3	11.1	17.1	97.9	10.1
Hr. of Max	15	15	15	23	23	11	18	09	10
Min	7.0	8.1	8.3	-.3	-1.0	6.2	15.2	65.8	7.4
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	0.007382	11.5	.00	29.04	-2.1	316	57	69	3
01:00	0.007185	11.2	.00	29.03	-1.9	261	257	20	5
02:00	0.007165	11.2	.00	29.02	-2.3	289	207	351	5
03:00	0.006876	10.7	.00	29.01	-2.2	249	257	334	4
04:00	0.006776	10.6	.00	29.00	-2.3	258	259	209	9
05:00	0.006919	10.8	.00	29.00	-2.4	265	244	220	7
06:00	0.007203	11.2	.00	28.99	-2.3	314	74	161	14
07:00	0.007293	11.4	.00	28.99	-1.5	254	235	338	14
08:00	0.007523	11.7	.00	28.99	46.5	281	357	348	9
09:00	0.008117	12.6	.00	28.99	122.3	240	259	324	10
10:00	0.008488	13.2	.00	29.00	158.6	211	219	244	15
11:00	0.00848	13.2	.00	29.01	166.8	235	236	232	16
12:00	0.008347	13.0	.00	29.01	298.6	225	229	224	20
13:00	0.008027	12.5	.00	28.99	358.4	234	237	231	19
14:00	0.008041	12.5	.00	28.98	284.5	231	232	230	22
15:00	0.008031	12.5	.00	28.98	105.2	270	272	268	19
16:00	0.008143	12.7	.00	28.99	83.5	283	292	292	21
17:00	0.008026	12.5	.00	29.01	86.7	289	294	297	23
18:00	0.007806	12.2	.00	29.02	28.5	277	286	292	19
19:00	0.007501	11.7	.00	29.04	-1.6	285	295	299	26
20:00	0.007111	11.1	.00	29.05	-2.2	264	277	291	17
21:00	0.00687	10.7	.00	29.06	-2.3	275	272	288	8
22:00	0.00633	9.9	.00	29.07	-2.5	274	266	288	8
23:00	0.006065	9.5	.00	29.08	-2.6	338	326	304	9
Avg	0.007488	11.7	.00	29.01	71.3	267	264	284	13
Max	0.008488	13.2	.00	29.08	358.4	338	357	351	26
Hr. of Max	10	11	23	23	13	23	08	02	19
Min	0.006065	9.5	.00	28.98	-2.6	211	57	20	3
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	7	2	.3	.7	1.7	1.8	2.0	3.2
01:00	5	3	1.3	1.2	1.3	3.0	3.7	4.4
02:00	12	12	.5	.6	1.0	3.0	2.5	3.0
03:00	5	8	1.1	1.0	1.0	4.6	4.1	2.5
04:00	8	3	1.1	1.3	1.7	3.4	3.4	3.7
05:00	11	3	.6	1.0	2.6	2.5	2.5	4.4
06:00	12	7	.8	.9	1.0	2.1	3.9	3.7
07:00	9	15	1.2	1.3	1.5	2.5	3.0	2.5
08:00	18	10	1.0	1.2	1.7	3.2	3.4	5.3
09:00	19	11	1.6	1.8	2.9	4.8	6.0	8.2
10:00	14	7	3.0	3.7	4.9	6.4	7.8	9.6
11:00	14	11	3.4	4.3	5.9	7.8	8.9	12.1
12:00	17	9	5.0	6.5	9.6	14.4	17.6	18.1
13:00	17	9	5.6	7.7	11.4	14.0	15.3	19.7
14:00	20	12	4.7	6.6	9.2	14.2	15.8	22.9
15:00	14	10	4.7	6.4	10.0	14.0	14.0	17.4
16:00	19	11	3.7	5.3	9.3	9.8	12.4	22.2
17:00	20	12	5.1	6.5	11.6	14.0	19.7	23.1
18:00	16	10	5.5	7.8	13.0	13.5	17.2	21.3
19:00	22	14	4.2	5.5	10.1	12.6	15.6	20.4
20:00	22	11	2.3	3.6	7.4	7.3	8.5	21.5
21:00	4	4	3.8	6.5	10.1	7.3	10.1	18.5
22:00	7	5	2.8	4.7	8.4	9.6	14.4	25.4
23:00	9	4	1.1	2.7	6.5	5.0	8.7	14.7
Avg	13	8	2.7	3.7	6.0	7.5	9.2	12.8
Max	22	15	5.6	7.8	13.0	14.4	19.7	25.4
Hr. of Max	20	07	13	18	18	12	17	22
Min	4	2	.3	.6	1.0	1.8	2.0	2.5
Count	24	24	24	24	24	24	24	24
Total								