Current Time: 7:32 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/15/2013

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	5.7	5.5	5.1	-.2	-.6	5.1	6.1	97.2	6.8
01:00	5.1	4.9	4.5	-.2	-.6	4.2	6.1	95.0	6.4
02:00	4.1	3.9	3.5	-.2	-.6	2.3	6.0	88.4	5.6
03:00	3.3	3.2	2.8	-.2	-.5	1.3	5.9	87.1	5.3
04:00	2.8	2.6	2.2	-.2	-.6	.9	5.8	87.7	5.1
05:00	2.3	2.1	1.7	-.2	-.6	.9	5.7	91.2	5.1
06:00	2.0	1.8	1.4	-.2	-.6	.6	5.5	90.8	5.0
07:00	1.8	1.6	1.2	-.2	-.6	-.1	5.4	87.7	4.8
08:00	1.5	1.3	.9	-.2	-.6	-.7	5.3	85.5	4.6
09:00	1.4	1.2	.8	-.2	-.6	-1.2	5.2	83.3	4.4
10:00	1.4	1.1	.8	-.2	-.6	-1.8	5.2	80.1	4.2
11:00	1.3	1.1	.7	-.2	-.6	-1.8	5.1	80.1	4.2
12:00	1.2	.9	.6	-.2	-.6	-1.5	5.1	82.8	4.3
13:00	1.3	1.0	.6	-.2	-.7	-2.0	5.1	79.5	4.2
14:00	1.6	1.4	.9	-.2	-.7	-2.1	5.2	76.7	4.1
15:00	1.4	1.2	.7	-.2	-.7	-2.0	5.3	78.3	4.2
16:00	1.5	1.3	.8	-.2	-.7	-2.6	5.4	75.0	4.0
17:00	1.3	1.2	.7	-.1	-.6	-2.2	5.3	78.5	4.1
18:00	1.3	1.1	.7	-.2	-.6	-2.3	5.2	77.6	4.1
19:00	1.0	.8	.4	-.2	-.6	-2.6	5.1	77.3	4.0
20:00	.4	.4	.0	.0	-.4	-2.8	5.0	79.6	4.0
21:00	.1	.2	-.1	.1	-.2	-2.5	4.8	83.5	4.0
22:00	.1	.1	-.1	.1	-.2	-2.4	4.6	83.8	4.1
23:00	.2	.1	-.1	-.1	-.2	-2.1	4.5	84.9	4.1
Avg	1.8	1.7	1.3	-.2	-.6	-.7	5.3	83.8	4.6
Max	5.7	5.5	5.1	.1	-.2	5.1	6.1	97.2	6.8
Hr. of Max	00	00	00	22	23	00	01	00	00
Min	.1	.1	-.1	-.2	-.7	-2.8	4.5	75.0	4.0
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	0.005643	8.8	.00	28.93	-2.4	267	277	283	19
01:00	0.00528	8.3	.00	28.94	-2.5	277	284	292	21
02:00	0.0046	7.2	.00	28.96	-2.6	272	283	294	23
03:00	0.004283	6.7	.00	28.99	-2.7	265	279	287	19
04:00	0.004151	6.5	.00	29.00	-2.7	273	279	289	20
05:00	0.00416	6.5	.00	29.02	-2.6	254	269	278	18
06:00	0.004057	6.4	.00	29.05	-2.6	250	259	272	17
07:00	0.003847	6.1	.00	29.08	-1.9	257	266	279	19
08:00	0.003678	5.8	.00	29.10	10.8	253	264	276	20
09:00	0.003554	5.6	.00	29.12	31.5	259	268	275	19
10:00	0.003404	5.4	.00	29.15	59.1	264	273	280	17
11:00	0.003388	5.3	.00	29.15	52.1	265	277	284	21
12:00	0.00347	5.5	.00	29.14	43.8	272	282	284	20
13:00	0.003359	5.3	.00	29.14	114.4	267	274	278	20
14:00	0.003315	5.2	.00	29.14	162.9	249	251	254	16
15:00	0.003341	5.3	.00	29.15	82.3	258	261	263	18
16:00	0.003211	5.1	.00	29.17	49.0	250	258	262	16
17:00	0.003306	5.2	.00	29.18	1.1	250	254	261	12
18:00	0.003267	5.2	.00	29.21	-2.6	276	287	294	17
19:00	0.003186	5.0	.00	29.21	-2.5	270	278	286	18
20:00	0.003153	5.0	.00	29.21	-2.8	275	279	276	12
21:00	0.003222	5.1	.00	29.21	-2.5	268	263	262	11
22:00	0.003232	5.1	.00	29.22	-3.1	256	254	248	10
23:00	0.003303	5.2	.00	29.20	-2.2	227	229	226	15
Avg	0.003725	5.9	.00	29.11	23.8	261	269	275	17
Max	0.005643	8.8	.00	29.22	162.9	277	287	294	23
Hr. of Max	00	00	23	22	14	01	18	18	02
Min	0.003153	5.0	.00	28.93	-3.1	227	229	226	10
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	10	6.8	8.8	14.3	16.7	19.0	23.1
01:00	20	15	5.2	6.5	10.8	17.6	23.8	24.7
02:00	22	15	6.5	7.9	13.4	19.5	18.5	27.2
03:00	17	11	5.6	7.5	12.4	17.6	18.5	34.6
04:00	17	13	5.1	6.9	11.1	13.1	18.3	21.5
05:00	18	10	4.6	5.7	10.0	12.4	12.4	21.5
06:00	16	12	4.5	5.6	9.5	11.7	14.0	20.4
07:00	21	13	4.6	6.0	10.4	11.0	13.3	20.8
08:00	17	11	4.5	5.9	9.8	14.0	17.4	27.2
09:00	16	11	4.8	6.3	9.8	12.4	15.1	21.8
10:00	16	10	6.1	7.5	11.3	16.0	17.9	21.3
11:00	22	13	4.8	5.6	9.0	16.0	17.2	19.9
12:00	16	11	5.3	6.7	10.1	14.0	15.8	22.4
13:00	15	12	5.3	7.1	9.6	13.5	16.3	22.2
14:00	17	12	4.7	5.4	6.6	11.7	11.9	12.1
15:00	15	10	5.0	6.4	8.5	12.8	13.1	13.7
16:00	15	11	3.7	4.4	6.8	10.3	12.8	19.0
17:00	9	6	2.4	3.9	6.1	10.3	13.1	18.1
18:00	19	10	2.6	3.6	7.2	9.2	10.1	13.7
19:00	17	11	2.9	4.0	6.6	8.0	9.4	14.0
20:00	9	4	2.4	4.2	7.4	5.3	6.9	14.7
21:00	7	3	2.5	4.3	7.4	6.0	8.0	15.1
22:00	8	4	2.4	4.3	8.0	8.9	14.2	18.5
23:00	10	4	3.0	5.0	9.0	8.2	11.4	21.1
Avg	16	10	4.4	5.8	9.4	12.3	14.5	20.4
Max	22	15	6.8	8.8	14.3	19.5	23.8	34.6
Hr. of Max	11	02	00	00	00	02	01	03
Min	7	3	2.4	3.6	6.1	5.3	6.9	12.1
Count	24	24	24	24	24	24	24	24
Total								