Current Time: 7:09 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/21/2014

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	2.4	5.2	7.2	2.8	4.8	-1.1	3.4	78.2	4.4
01:00	2.0	6.2	6.7	4.2	7.8	-1.4	3.2	78.5	4.3
02:00	2.9	6.3	6.7	3.4	9.5	-1.1	3.1	75.8	4.4
03:00	6.1	7.2	7.0	1.1	.9	-1.8	3.0	57.6	4.2
04:00	5.7	6.3	6.4	.5	.7	-1.6	3.0	59.6	4.2
05:00	4.3	5.3	5.9	1.0	1.6	-1.4	3.0	67.1	4.3
06:00	4.9	5.7	5.6	.9	.7	-1.0	2.9	66.3	4.4
07:00	4.5	4.6	4.5	.2	.0	-1.4	2.8	66.2	4.3
08:00	4.0	3.9	3.4	-.1	-.6	-1.4	2.7	68.1	4.3
09:00	4.7	4.5	4.1	-.2	-.6	-2.6	2.7	59.8	4.0
10:00	4.6	4.4	3.9	-.2	-.7	-2.1	2.7	62.1	4.1
11:00	4.1	3.8	3.4	-.2	-.7	-1.4	3.0	68.1	4.3
12:00	3.9	3.7	3.2	-.2	-.7	-2.3	3.3	64.4	4.1
13:00	2.1	1.9	1.4	-.2	-.7	.4	3.4	89.2	5.0
14:00	.5	.2	-.6	-.3	-1.1	-1.4	3.5	88.3	4.4
15:00	-2.3	-2.5	-3.3	-.3	-1.0	-6.2	3.7	74.9	3.1
16:00	-3.8	-4.0	-4.8	-.3	-1.0	-8.3	3.8	71.1	2.6
17:00	-5.1	-5.3	-6.1	-.2	-1.0	-9.3	3.7	72.6	2.4
18:00	-5.6	-5.8	-6.5	-.2	-.9	-10.1	3.5	70.7	2.3
19:00	-6.2	-6.4	-7.0	-.2	-.9	-11.2	3.3	67.6	2.1
20:00	-6.5	-6.8	-7.5	-.2	-.9	-11.7	3.2	66.9	2.0
21:00	-6.8	-7.1	-7.6	-.2	-.8	-11.9	3.0	67.2	2.0
22:00	-7.1	-7.3	-7.9	-.2	-.8	-12.4	2.9	66.2	1.9
23:00	-7.6	-7.9	-8.4	-.2	-.8	-13.0	2.8	65.8	1.8
Avg	.2	.7	.4	.4	.5	-4.8	3.2	69.7	3.5
Max	6.1	7.2	7.2	4.2	9.5	.4	3.8	89.2	5.0
Hr. of Max	03	03	00	01	02	13	16	13	13
Min	-7.6	-7.9	-8.4	-.3	-1.1	-13.0	2.7	57.6	1.8
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	0.00362	5.7	.00	28.87	-2.9	272	244	217	4
01:00	0.003533	5.5	.00	28.84	-3.1	317	233	219	7
02:00	0.003634	5.7	.00	28.82	-2.9	293	240	209	8
03:00	0.003453	5.4	.00	28.80	-2.7	228	239	228	7
04:00	0.003492	5.4	.00	28.79	-2.7	249	262	261	14
05:00	0.003561	5.5	.00	28.78	-2.6	234	228	251	9
06:00	0.003657	5.7	.00	28.79	-2.7	260	271	273	14
07:00	0.003543	5.5	.00	28.81	-.8	246	253	263	16
08:00	0.003533	5.5	.00	28.82	27.9	256	264	272	18
09:00	0.003253	5.1	.00	28.84	239.6	274	281	284	22
10:00	0.003361	5.3	.00	28.87	269.3	277	285	288	22
11:00	0.003539	5.5	.00	28.88	190.3	282	290	295	25
12:00	0.003313	5.2	.00	28.87	143.9	277	287	291	25
13:00	0.004039	6.3	.02	28.87	117.7	268	278	283	19
14:00	0.003559	5.6	.02	28.89	426.5	273	282	292	23
15:00	0.002456	3.9	.00	28.94	277.0	276	282	284	21
16:00	0.002082	3.3	.00	28.99	114.6	274	286	291	21
17:00	0.001919	3.0	.00	29.04	21.8	267	277	284	17
18:00	0.001799	2.8	.00	29.08	-3.2	287	296	302	22
19:00	0.001644	2.6	.00	29.11	-3.7	306	317	317	30
20:00	0.00158	2.5	.00	29.12	-3.6	335	347	341	33
21:00	0.001552	2.5	.00	29.11	-3.5	319	328	325	34
22:00	0.001497	2.4	.00	29.11	-3.7	304	314	316	25
23:00	0.001426	2.3	.00	29.11	-3.7	280	286	309	25
Avg	0.002877	4.5	.00	28.92	74.5	277	278	280	19
Max	0.004039	6.3	.02	29.12	426.5	335	347	341	34
Hr. of Max	13	13	14	20	14	20	20	20	21
Min	0.001426	2.3	.00	28.78	-3.7	228	228	209	4
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	3	2	.2	2.2	11.2	.9	5.3	21.1
01:00	3	2	.6	4.1	10.7	3.2	8.9	23.8
02:00	4	4	.7	4.6	11.1	3.7	8.0	21.5
03:00	4	4	3.0	5.8	11.9	6.2	13.3	28.9
04:00	11	5	3.4	6.1	13.7	8.5	11.4	25.4
05:00	5	5	3.2	6.6	11.4	6.0	11.9	31.6
06:00	12	5	4.0	6.8	15.1	11.9	14.7	26.8
07:00	11	7	2.8	4.9	9.3	7.8	11.4	23.1
08:00	17	11	5.0	6.7	12.2	14.7	14.4	27.2
09:00	20	13	7.9	9.7	15.5	24.7	30.0	36.2
10:00	21	13	9.7	11.9	18.0	34.3	44.4	55.0
11:00	22	16	8.0	9.7	14.9	26.8	31.8	46.0
12:00	23	15	7.6	9.1	15.4	30.5	21.3	43.1
13:00	18	11	7.5	9.4	15.9	26.3	28.6	34.6
14:00	21	13	10.3	12.7	19.9	30.7	30.0	36.2
15:00	19	13	10.6	13.2	18.4	24.0	29.3	33.0
16:00	19	12	9.1	11.1	18.0	22.2	25.2	30.9
17:00	19	13	6.8	8.4	12.0	19.5	22.4	24.5
18:00	19	12	5.7	7.3	11.2	16.7	18.1	18.5
19:00	28	18	4.0	5.1	9.3	12.6	23.8	35.7
20:00	30	18	4.0	5.8	9.8	14.4	16.9	26.8
21:00	32	19	3.5	4.7	8.0	17.6	22.4	20.8
22:00	24	14	3.2	3.8	7.2	13.5	14.2	21.8
23:00	25	18	3.1	3.7	6.5	9.6	10.1	14.9
Avg	17	11	5.2	7.2	12.8	16.1	19.5	29.5
Max	32	19	10.6	13.2	19.9	34.3	44.4	55.0
Hr. of Max	21	21	15	15	14	10	10	10
Min	3	2	.2	2.2	6.5	.9	5.3	14.9
Count	24	24	24	24	24	24	24	24
Total								