Current Time: 8:35 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/17/2014

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	3.0	3.6	3.4	.6	.4	-8.8	2.5	42.0	2.5
01:00	3.2	3.2	3.0	-.1	-.2	-7.8	2.5	44.7	2.7
02:00	2.3	2.1	2.2	-.1	-.1	-4.8	2.5	60.1	3.4
03:00	1.4	1.8	1.7	.4	.3	-4.1	2.5	67.4	3.6
04:00	.2	1.2	1.4	.9	1.2	-3.9	2.4	74.3	3.6
05:00	-1.1	.0	.6	1.2	1.7	-3.7	2.4	83.0	3.7
06:00	-1.9	-1.0	-.3	.9	1.6	-3.7	2.3	88.1	3.7
07:00	-2.2	-1.3	-.6	.9	1.6	-3.7	2.3	90.0	3.7
08:00	-1.7	-.3	.0	1.4	1.7	-4.9	2.3	79.3	3.4
09:00	1.2	1.2	.6 D	.0	-.6 D	-6.3	2.2	57.9	3.0
10:00	3.2	3.0	2.2	-.2	-1.0	-5.3	2.2	54.3	3.3
11:00	4.7	4.4	3.3	-.3	-1.4	-4.5	2.2	51.6	3.4
12:00	5.1	4.8	3.9	-.3	-1.2	-5.2	2.4	48.0	3.3
13:00	5.6	5.3	4.3	-.3	-1.3	-8.2	2.7	36.9	2.6
14:00	5.0	4.7	3.7	-.3	-1.3	-8.8	3.1	36.8	2.5
15:00	3.1	2.9	2.2	-.2	-.9	-7.4	3.4	46.2	2.8
16:00	2.3	2.0	1.2	-.3	-1.1	-8.0	3.6	46.8	2.6
17:00	1.4	1.2	.6	-.2	-.8	-7.9	3.6	50.3	2.7
18:00	.2	.0	-.7	-.2	-.9	-8.7	3.4	52.3	2.5
19:00	-1.9	-2.2	-2.8	-.2	-.9	-6.6	3.2	70.8	3.0
20:00	-2.1	-2.3	-2.9	-.2	-.8	-8.1	3.0	63.8	2.7
21:00	-2.4	-2.6	-3.3	-.2	-.9	-10.2	2.9	55.3	2.3
22:00	-2.9	-3.2	-3.7	-.2	-.8	-12.1	2.7	49.5	1.9
23:00	-3.3	-3.5	-3.9	-.2	-.6	-12.6	2.6	49.0	1.9
Avg	.9	1.0	.7	.1	-.3	-6.9	2.7	58.3	3.0
Max	5.6	5.3	4.3	1.4	1.7	-3.7	3.6	90.0	3.7
Hr. of Max	13	13	13	08	08	07	17	07	07
Min	-3.3	-3.5	-3.9	-.3	-1.4	-12.6	2.2	36.8	1.9
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	0.002024	3.2	.00	28.96	-2.5	249	263	240	13
01:00	0.002183	3.4	.00	28.96	-2.6	235	242	236	18
02:00	0.002736	4.3	.00	28.96	-3.0	240	239	231	18
03:00	0.002879	4.5	.00	28.95	-2.2	291	272	248	19
04:00	0.002928	4.6	.00	28.94	-2.3	342	48	280	11
05:00	0.00296	4.6	.00	28.94	-2.4	273	264	270	4
06:00	0.002961	4.6	.00	28.95	-2.8	296	236	251	6
07:00	0.002956	4.6	.00	28.95	.4	360	99	240	12
08:00	0.002702	4.2	.00	28.95	38.5	159	355	262	14
09:00	0.002439	3.8	.00	28.97	213.2	250	260	258	18
10:00	0.002645	4.2	.00	28.97	279.6	240	244	239	17
11:00	0.002804	4.4	.00	28.96	455.9	245	250	246	19
12:00	0.002676	4.2	.00	28.95	333.1	243	245	242	20
13:00	0.002133	3.3	.00	28.93	553.0	249	253	246	21
14:00	0.002034	3.2	.00	28.94	321.2	257	261	256	21
15:00	0.002243	3.5	.00	28.97	193.1	270	272	271	21
16:00	0.002139	3.4	.00	28.99	182.1	267	271	271	22
17:00	0.002151	3.4	.00	29.03	21.1	265	268	270	20
18:00	0.00203	3.2	.00	29.06	-2.1	274	280	279	20
19:00	0.002371	3.7	.00	29.10	-2.7	278	287	291	23
20:00	0.002112	3.3	.00	29.11	-2.5	271	273	275	20
21:00	0.001784	2.8	.00	29.12	-2.4	268	271	273	19
22:00	0.001534	2.4	.00	29.12	-2.7	257	260	263	23
23:00	0.001479	2.3	.00	29.12	-2.7	256	263	267	19
Avg	0.002371	3.7	.00	29.00	106.6	263	264	259	17
Max	0.002961	4.6	.00	29.12	553.0	360	355	291	23
Hr. of Max	06	07	23	23	13	07	08	19	22
Min	0.001479	2.3	.00	28.93	-3.0	159	48	231	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	10	7	2.5	5.0	10.6	8.2	11.4	20.2
01:00	15	9	7.2	10.0	16.7	25.9	25.9	32.5
02:00	13	6	4.3	6.5	11.2	15.1	18.1	23.8
03:00	21	5	.9	2.4	7.3	6.4	10.5	15.3
04:00	8	6	.5	1.0	3.8	2.7	2.5	9.4
05:00	8	6	1.2	1.7	4.8	2.5	4.0	8.2
06:00	7	4	.5	1.0	7.9	2.7	2.5	10.8
07:00	9	4	.6	1.1	7.0	2.5	2.7	12.4
08:00	21	7	.6	1.1	6.2	3.2	4.4	10.8
09:00	16	11	4.3	5.8	9.7	12.1	13.1	18.1
10:00	16	11	6.8	8.4	11.9	16.0	19.9	20.4
11:00	18	11	9.0	11.2	14.6	22.9	25.0	32.1
12:00	16	11	10.5	13.5	18.2	30.0	35.7	39.2
13:00	18	11	12.4	15.4	21.5	28.4	52.0	53.1
14:00	18	10	12.0	15.2	22.0	27.0	29.8	37.1
15:00	18	12	10.2	13.0	19.5	30.9	38.0	45.3
16:00	19	12	8.4	10.8	16.3	24.3	26.6	32.3
17:00	17	11	7.7	10.0	15.6	23.6	23.6	37.6
18:00	18	12	8.6	10.7	16.8	35.0	30.9	38.2
19:00	18	11	6.2	8.3	13.0	22.0	24.7	36.0
20:00	19	12	5.5	7.0	10.9	19.7	21.8	21.1
21:00	18	13	5.0	6.4	9.5	13.7	20.4	31.6
22:00	18	11	5.6	7.1	12.2	19.0	27.2	21.5
23:00	16	10	4.7	5.9	9.8	12.8	15.8	24.0
Avg	16	9	5.6	7.4	12.4	16.9	20.3	26.3
Max	21	13	12.4	15.4	22.0	35.0	52.0	53.1
Hr. of Max	08	21	13	13	14	18	13	13
Min	7	4	.5	1.0	3.8	2.5	2.5	8.2
Count	24	24	24	24	24	24	24	24
Total								