Current Time: 7:05 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/20/2014

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	.1	2.0	2.9	1.9	2.8	-2.7	3.0	82.2	4.0
01:00	-.2	2.6	2.6	2.8	2.8	-2.7	2.9	84.0	4.0
02:00	-.4	2.0	2.2	2.4	2.6	-2.9	2.8	84.0	3.9
03:00	-1.3	.2	1.7	1.5	3.0	-3.1	2.6	88.0	3.9
04:00	-2.1	-.7	1.0	1.4	3.1	-3.2	2.5	92.3	3.8
05:00	-2.3	-.8	.3	1.5	2.6	-3.1	2.4	94.2	3.9
06:00	-2.3	-.7	.5	1.7	2.8	-3.0	2.4	95.7	3.9
07:00	-2.6	-.8	.2	1.9	2.8	-3.1	2.3	96.7	3.9
08:00	-2.4	-.4	.6	2.0	3.0	-3.8	2.2	90.5	3.7
09:00	1.2	2.1	1.7	.8	.5	-3.5	2.1	71.5	3.7
10:00	4.9	4.8	3.9	-.1	-1.0	-3.9	2.1	53.5	3.6
11:00	7.7	7.5	6.3	-.2	-1.4	-3.7	2.1	44.8	3.6
12:00	10.4	10.2	8.9	-.2	-1.5	-4.1	2.3	36.4	3.5
13:00	12.0	11.7	10.5	-.3	-1.5	-4.1	2.7	32.8	3.5
14:00	13.6	13.3	12.1	-.3	-1.5	-4.1	3.3	29.5	3.5
15:00	14.5	14.3	13.9	-.3	-1.6	-4.1	3.9	27.9	3.5
16:00	14.9	14.7	13.6	-.2	-1.3	-3.6	4.4	28.2	3.6
17:00	14.1	14.2	13.3	.1	-.8	-2.6	4.6	31.9	3.9
18:00	10.6	12.2	12.8	1.5	2.2	-2.0	4.6	41.9	4.1
19:00	8.2	10.3	11.7	2.1	3.5	-1.6	4.5	50.7	4.2
20:00	6.3	8.7	10.6	2.3	4.3	-1.3	4.2	58.5	4.3
21:00	5.6	9.0	10.0	3.4	4.4	-1.3	4.0	62.0	4.3
22:00	4.3	7.1	8.7	2.9	4.4	-1.1	3.8	68.6	4.4
23:00	3.3	5.7	7.7	2.5	4.4	-1.1	3.6	73.7	4.4
Avg	4.9	6.2	6.6	1.3	1.6	-2.9	3.1	63.3	3.9
Max	14.9	14.7	13.9	3.4	4.4	-1.1	4.6	96.7	4.4
Hr. of Max	16	16	15	21	23	23	18	07	23
Min	-2.6	-.8	.2	-.3	-1.6	-4.1	2.1	27.9	3.5
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	0.003201	5.0	.00	29.03	-2.9	272	232	217	12
01:00	0.003199	5.0	.00	29.02	-2.9	246	255	224	8
02:00	0.00315	5.0	.00	29.02	-2.8	263	247	244	17
03:00	0.003085	4.9	.00	29.03	-3.0	282	239	237	11
04:00	0.003061	4.8	.00	29.02	-3.2	356	49	251	15
05:00	0.003088	4.9	.00	29.02	-3.2	353	51	275	8
06:00	0.003121	4.9	.00	29.02	-3.3	321	69	280	13
07:00	0.003082	4.8	.00	29.02	-.7	292	305	279	12
08:00	0.002931	4.6	.00	29.02	31.2	244	227	278	14
09:00	0.003018	4.7	.00	29.03	295.9	207	236	264	12
10:00	0.00293	4.6	.00	29.03	428.3	235	243	245	17
11:00	0.002974	4.7	.00	29.02	545.1	228	230	227	16
12:00	0.00291	4.6	.00	28.99	606.3	220	219	221	17
13:00	0.002924	4.6	.00	28.95	597.9	225	227	221	21
14:00	0.002919	4.6	.00	28.93	511.4	211	218	218	19
15:00	0.00294	4.6	.00	28.93	330.6	231	233	227	17
16:00	0.00304	4.8	.00	28.92	207.6	220	222	212	19
17:00	0.003266	5.1	.00	28.92	37.7	233	209	198	13
18:00	0.003404	5.3	.00	28.92	-1.3	25	28	187	9
19:00	0.003492	5.5	.00	28.92	-2.0	41	270	201	12
20:00	0.003557	5.6	.00	28.92	-2.3	317	237	219	7
21:00	0.003573	5.6	.00	28.91	-2.6	264	242	241	10
22:00	0.003612	5.7	.00	28.90	-2.6	356	232	221	13
23:00	0.003616	5.7	.00	28.88	-2.5	313	242	213	7
Avg	0.003171	5.0	.00	28.97	148.2	270	240	233	13
Max	0.003616	5.7	.00	29.03	606.3	356	305	280	21
Hr. of Max	23	23	23	10	12	22	07	06	13
Min	0.00291	4.6	.00	28.88	-3.3	25	28	187	7
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	3	1.3	3.8	10.4	3.4	5.5	21.3
01:00	5	2	2.2	4.2	9.9	4.6	8.9	25.6
02:00	10	4	1.2	2.9	9.3	6.4	7.6	23.6
03:00	7	3	1.1	1.6	6.5	3.0	4.8	15.3
04:00	6	6	.2	.7	6.3	1.6	2.2	15.8
05:00	5	5	.4	.9	5.7	1.8	2.7	11.9
06:00	7	5	.4	.9	5.5	1.8	2.3	9.6
07:00	17	5	.6	1.1	5.4	2.1	2.5	10.5
08:00	12	6	.4	.9	6.4	1.8	2.3	11.2
09:00	12	9	2.0	3.5	6.7	6.2	8.2	12.8
10:00	19	14	4.2	4.6	6.1	9.4	12.8	15.1
11:00	13	11	6.2	7.6	8.3	12.6	14.4	14.9
12:00	18	11	6.5	7.7	9.5	14.0	15.1	18.8
13:00	17	11	6.1	7.6	9.1	18.3	22.2	19.5
14:00	15	11	6.6	8.2	10.4	14.0	16.0	28.2
15:00	14	8	6.5	8.1	10.6	17.6	22.7	26.3
16:00	14	7	5.5	7.4	10.5	16.5	22.0	21.8
17:00	12	7	2.7	4.1	7.7	10.8	16.5	24.0
18:00	16	4	.5	1.0	6.5	2.3	2.3	12.6
19:00	16	4	.2	.7	9.7	1.1	1.8	16.3
20:00	3	2	.2	2.5	11.4	1.1	6.9	22.9
21:00	5	2	1.5	3.9	10.9	3.9	10.3	22.0
22:00	3	2	.2	3.1	10.4	.9	9.2	20.6
23:00	5	3	.2	1.5	10.8	1.8	5.5	20.8
Avg	11	6	2.4	3.7	8.5	6.5	9.4	18.4
Max	19	14	6.6	8.2	11.4	18.3	22.7	28.2
Hr. of Max	10	10	14	14	20	13	15	14
Min	3	2	.2	.7	5.4	.9	1.8	9.6
Count	24	24	24	24	24	24	24	24
Total								