Current Time: 11:35 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/27/2014

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	-3.4	-3.4	-3.9	.0	-.5	-14.8	5.1	41.3	1.6
01:00	-4.2	-4.1	-4.5	.1	-.3	-14.9	4.8	43.6	1.6
02:00	-5.0	-4.9	-5.2	.0	-.2	-14.7	4.5	46.5	1.6
03:00	-5.6	-5.6	-5.9	.0	-.3	-14.8	4.3	48.7	1.6
04:00	-6.2	-6.0	-6.4	.2	-.2	-14.5	4.0	52.4	1.6
05:00	-6.7	-6.2	-6.7	.5	.0	-14.7	3.8	53.4	1.6
06:00	-6.7	-6.3	-7.2	.4	-.5	-14.8	3.6	53.1	1.6
07:00	-7.3	-6.9	-7.1	.4	.2	-14.7	3.4	56.0	1.6
08:00	-5.5	-5.5	-6.0	.0	.5	-15.2	3.3	46.8	1.5
09:00	-3.3	-3.5	-4.0	-.2	-.8	-16.0	3.2	37.0	1.4
10:00	-1.6	-1.8	-2.4	-.2	-.8	-16.4	3.1	31.9	1.4
11:00	.0	-.2	-.9	-.3	-1.0	-15.2	3.1	31.2	1.5
12:00	1.8	1.6	.7	-.2	-1.1	-14.6	3.2	28.8	1.6
13:00	3.7	3.4	2.4	-.3	-1.3	-13.9	3.9	26.7	1.7
14:00	5.6	5.2	4.3	-.3	-1.3	-14.4	4.5	22.7	1.6
15:00	6.6	6.3	5.6	-.3	-1.0	-17.2	5.2	16.8	1.3
16:00	6.4	6.1	5.4	-.3	-1.0	-15.5	5.7	19.6	1.5
17:00	5.6	5.4	5.0	-.2	-.6	-14.8	6.1	21.9	1.5
18:00	4.3	4.3	3.7	-.1	-.6	-14.0	6.2	25.4	1.6
19:00	3.2	3.3	2.8	.1	-.4	-13.7	6.0	28.1	1.7
20:00	2.0	2.4	1.7	.4	-.3	-13.4	5.6	31.5	1.7
21:00	.4	1.6	1.3	1.2	.9	-12.9	5.2	36.8	1.8
22:00	-1.5	.4	.0	1.9	1.5	-12.2	4.8	44.2	1.9
23:00	-2.4	-.9	-.6	1.5	1.8	-11.0	4.5	52.4	2.1
Avg	-.8	-.6	-1.2	.2	-.3	-14.5	4.5	37.4	1.6
Max	6.6	6.3	5.6	1.9	1.8	-11.0	6.2	56.0	2.1
Hr. of Max	15	15	15	22	23	23	18	07	23
Min	-7.3	-6.9	-7.2	-.3	-1.3	-17.2	3.1	16.8	1.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	14_Mix Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	None	KPa	MM	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	0.001242	2.0	.0	.00	29.00	-2.9	270	280	290
01:00	0.001234	1.9	.0	.00	29.01	-3.0	260	270	281
02:00	0.001244	2.0	.0	.00	29.01	-3.0	235	243	265
03:00	0.001241	2.0	.0	.00	29.01	-3.3	233	248	272
04:00	0.001271	2.0	.0	.00	29.02	-3.3	225	233	263
05:00	0.001249	2.0	.0	.00	29.02	-3.3	238	240	260
06:00	0.001239	2.0	.0	.00	29.03	-3.1	245	240	272
07:00	0.001248	2.0	.0	.00	29.04	41.0	269	236	216
08:00	0.001198	1.9	.0	.00	29.05	225.2	227	231	212
09:00	0.00112	1.8	.0	.00	29.06	444.9	222	227	228
10:00	0.001092	1.7	.0	.00	29.06	617.1	253	257	256
11:00	0.001211	1.9	.0	.00	29.05	735.1	250	260	262
12:00	0.00127	2.0	.0	.00	29.04	794.7	248	257	257
13:00	0.001349	2.1	.0	.00	29.01	792.4	223	229	230
14:00	0.001304	2.1	.0	.00	28.99	642.3	211	217	224
15:00	0.00104	1.6	.0	.00	28.99	556.2	275	283	283
16:00	0.001192	1.9	.0	.00	28.99	383.5	282	290	291
17:00	0.001262	2.0	.0	.00	29.00	160.6	327	329	319
18:00	0.001338	2.1	.0	.00	29.02	7.9	302	310	313
19:00	0.001368	2.2	.0	.00	29.03	-2.2	296	307	312
20:00	0.001405	2.2	.0	.00	29.04	-2.2	298	306	311
21:00	0.001455	2.3	.0	.00	29.06	-2.4	340	325	328
22:00	0.00153	2.4	.0	.00	29.07	-2.8	336	332	325
23:00	0.001687	2.7	.0	.00	29.09	-2.8	15	28	341
Avg	0.001283	2.0	.0	.00	29.03	223.6	265	269	276
Max	0.001687	2.7	.0	.00	29.09	794.7	340	332	341
Hr. of Max	23	23	23	23	23	12	21	22	23
Min	0.00104	1.6	.0	.00	28.99	-3.3	15	28	212
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	29_Sigma_10m	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	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	12	10	6	3.8	5.4	9.5	11.0	13.1	29.3
01:00	11	10	6	3.5	5.3	9.2	7.8	9.8	15.3
02:00	14	11	11	2.8	4.8	7.6	7.8	9.6	18.3
03:00	15	12	9	3.1	4.8	8.6	7.8	11.0	13.3
04:00	13	9	9	3.7	6.1	9.5	9.2	13.3	17.2
05:00	7	5	4	3.9	6.9	10.7	9.4	12.6	22.7
06:00	8	7	4	3.5	5.2	8.7	9.8	14.7	27.7
07:00	6	8	4	1.6	1.5	3.6	4.1	6.2	6.4
08:00	16	15	7	2.7	3.3	6.6	9.4	10.8	11.9
09:00	25	16	11	5.2	6.4	8.3	14.0	13.1	16.0
10:00	22	20	16	5.3	6.1	7.8	13.7	16.9	18.5
11:00	22	21	14	6.0	6.9	8.1	15.1	16.5	18.1
12:00	25	22	23	6.3	7.1	8.5	16.0	15.3	17.2
13:00	30	25	21	5.4	6.1	7.4	23.6	26.8	20.6
14:00	29	22	16	6.0	6.8	8.5	16.3	16.9	19.5
15:00	31	24	14	7.1	8.5	11.4	19.7	19.0	20.8
16:00	21	19	12	5.7	6.7	8.9	14.2	14.7	16.3
17:00	27	26	13	4.1	5.5	8.8	11.0	13.7	17.2
18:00	23	20	12	2.7	3.8	8.6	14.0	18.8	23.6
19:00	15	16	8	2.2	3.5	9.3	8.9	8.9	21.3
20:00	11	11	3	3.3	5.1	11.3	8.2	14.7	21.1
21:00	18	14	5	1.5	3.4	9.9	6.9	8.9	22.9
22:00	16	14	6	1.0	1.6	7.7	3.7	6.6	18.3
23:00	17	15	10	.8	1.9	5.6	3.0	7.8	20.6
Avg	18	16	10	3.8	5.1	8.5	11.0	13.3	18.9
Max	31	26	23	7.1	8.5	11.4	23.6	26.8	29.3
Hr. of Max	15	17	12	15	15	15	13	13	00
Min	6	5	3	.8	1.5	3.6	3.0	6.2	6.4
Count	24	24	24	24	24	24	24	24	24
Total									