Current Time: 8:36 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/19/2014

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	2.2	3.1	3.1	.9	.9	-11.1	2.2	37.2	2.1
01:00	1.6	2.9	2.8	1.4	1.2	-10.7	2.2	40.2	2.2
02:00	1.4	2.6	2.5	1.2	1.1	-9.0	2.2	46.4	2.5
03:00	2.0	3.1	3.0	1.1	1.0	-9.2	2.1	43.7	2.4
04:00	2.5	3.1	3.0	.5	.5	-9.2	2.1	42.2	2.4
05:00	2.8	2.9	2.8	.1	.0	-9.1	2.1	41.7	2.4
06:00	2.1	2.3	2.3	.2	.2	-9.0	2.1	43.8	2.5
07:00	1.9	2.1	2.2	.2	.3	-8.7	2.1	46.0	2.5
08:00	1.8	2.4	2.2	.6	.4	-8.4	2.1	47.4	2.6
09:00	4.1	4.0	3.3	-.1	-.8	-6.0	2.0	48.1	3.1
10:00	4.6	4.3	3.5	-.2	-1.1	-4.8	2.1	51.0	3.4
11:00	4.2	4.0	3.3	-.3	-.9	-4.4	2.4	53.7	3.5
12:00	5.2	4.9	4.2	-.3	-1.0	-4.3	2.7	50.9	3.5
13:00	6.3	6.1	5.0	-.2	-1.3	-4.6	3.2	46.0	3.4
14:00	7.2	6.9	5.7	-.3	-1.5	-4.6	3.7	43.3	3.4
15:00	7.6	7.3	6.1	-.4	-1.5	-4.6	4.2	42.1	3.4
16:00	7.7	7.5	6.7	-.3	-1.0	-4.7	4.5	41.4	3.4
17:00	7.2	7.1	6.1	.0	-1.1	-4.3	4.5	44.3	3.5
18:00	5.8	6.1	6.1	.4	.3	-3.6	4.4	51.5	3.7
19:00	4.7	5.3	5.8	.6	1.1	-3.1	4.2	57.2	3.8
20:00	3.5	4.5	5.1	1.0	1.6	-3.0	3.9	63.0	3.9
21:00	2.8	3.7	4.4	.9	1.6	-3.1	3.6	65.9	3.8
22:00	1.4	3.5	3.9	2.1	2.5	-2.8	3.4	74.3	3.9
23:00	.9	2.9	3.3	2.0	2.4	-2.7	3.2	77.5	4.0
Avg	3.8	4.3	4.0	.5	.2	-6.0	3.0	50.0	3.1
Max	7.7	7.5	6.7	2.1	2.5	-2.7	4.5	77.5	4.0
Hr. of Max	16	16	16	22	22	23	17	23	23
Min	.9	2.1	2.2	-.4	-1.5	-11.1	2.0	37.2	2.1
Count	24	24	24	24	24	24	24	24	24
Total									

Current Time: 8:36 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/19/2014

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	0.00169	2.7	.00	28.95	-2.6	262	246	229	6
01:00	0.001746	2.7	.00	28.93	-2.5	248	251	224	5
02:00	0.001991	3.1	.00	28.93	-2.8	341	253	228	14
03:00	0.001958	3.1	.00	28.94	-2.3	257	251	222	9
04:00	0.001963	3.1	.00	28.95	-3.0	236	248	233	8
05:00	0.001978	3.1	.00	28.95	-2.6	252	258	244	13
06:00	0.001981	3.1	.00	28.98	-2.3	225	241	240	10
07:00	0.002036	3.2	.00	28.99	-.2	230	232	223	11
08:00	0.002079	3.3	.00	29.02	31.6	266	259	245	11
09:00	0.002495	3.9	.00	29.05	269.3	237	249	262	20
10:00	0.002727	4.3	.00	29.09	346.5	279	287	293	22
11:00	0.002803	4.4	.00	29.10	293.0	280	287	287	26
12:00	0.002832	4.5	.00	29.10	457.5	254	259	262	25
13:00	0.002783	4.4	.00	29.08	629.1	238	246	252	23
14:00	0.002777	4.4	.00	29.07	512.8	214	220	216	18
15:00	0.002785	4.4	.00	29.07	328.8	218	221	217	19
16:00	0.002756	4.3	.00	29.07	205.9	222	226	223	18
17:00	0.002836	4.5	.00	29.07	37.0	237	235	226	15
18:00	0.002997	4.7	.00	29.07	-1.9	248	227	215	8
19:00	0.003093	4.9	.00	29.07	-2.6	248	235	215	6
20:00	0.003133	4.9	.00	29.07	-2.6	248	231	206	8
21:00	0.003107	4.9	.00	29.06	-2.2	250	235	217	7
22:00	0.003167	5.0	.00	29.05	-2.7	250	248	221	14
23:00	0.003192	5.0	.00	29.04	-2.7	264	241	221	9
Avg	0.002538	4.0	.00	29.03	128.3	249	245	233	14
Max	0.003192	5.0	.00	29.10	629.1	341	287	293	26
Hr. of Max	23	23	23	12	13	02	11	10	11
Min	0.00169	2.7	.00	28.93	-3.0	214	220	206	5
Count	24	24	24	24	24	24	24	24	24
Total									

Current Time: 8:36 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/19/2014

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	6	3	1.4	2.3	8.2	3.7	5.0	13.3
01:00	4	2	1.4	3.2	9.0	3.4	5.7	17.2
02:00	21	7	1.2	1.7	7.5	3.2	8.0	16.7
03:00	6	5	1.9	4.2	9.3	3.9	9.2	15.1
04:00	7	4	2.2	4.6	9.9	6.2	9.2	18.8
05:00	11	5	3.1	5.4	11.3	9.2	10.3	22.7
06:00	9	5	2.2	4.3	10.3	4.6	7.8	21.3
07:00	4	3	2.2	5.1	9.9	6.2	11.2	20.4
08:00	9	4	2.4	4.6	9.7	7.6	10.5	15.3
09:00	19	14	4.7	5.9	9.0	15.8	16.9	20.4
10:00	21	15	7.5	9.0	12.0	18.3	20.4	31.4
11:00	21	14	5.6	6.9	9.7	15.8	17.6	29.8
12:00	21	16	5.7	6.9	8.9	15.3	17.6	19.0
13:00	21	20	5.9	6.7	8.7	14.7	15.8	18.8
14:00	16	13	6.6	7.8	9.8	16.5	17.4	24.5
15:00	17	9	7.1	8.6	11.7	15.8	17.4	22.0
16:00	16	9	6.7	8.4	11.5	23.1	16.7	33.7
17:00	11	5	4.8	7.3	11.9	12.4	14.4	27.9
18:00	5	4	2.6	4.8	9.8	5.7	10.3	22.7
19:00	4	3	2.4	5.1	10.6	6.4	10.5	21.1
20:00	6	4	2.0	4.8	10.0	5.0	10.3	22.4
21:00	4	3	1.9	3.6	10.0	6.2	10.5	20.2
22:00	5	3	2.1	4.8	11.9	5.5	8.7	22.0
23:00	5	3	1.2	3.5	10.3	5.3	7.1	24.5
Avg	11	7	3.5	5.4	10.0	9.6	12.0	21.7
Max	21	20	7.5	9.0	12.0	23.1	20.4	33.7
Hr. of Max	13	13	10	10	10	16	10	16
Min	4	2	1.2	1.7	7.5	3.2	5.0	13.3
Count	24	24	24	24	24	24	24	24
Total								