Current Time: 10:31 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/12/2013

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	1.0	1.1	1.1	.1	.1	-3.9	4.2	70.2	3.6
01:00	.1	.5	.1	.4	.0	-3.5	4.1	77.2	3.8
02:00	-.6	-.3	-.7	.3	-.1	-3.8	3.9	79.7	3.7
03:00	-2.1	-1.4	-1.3	.8	.8	-3.8	3.8	88.8	3.7
04:00	-2.6	-1.8	-1.8	.8	.8	-4.0	3.6	90.9	3.6
05:00	-3.4	-2.7	-2.3	.7	1.1	-4.3	3.5	94.0	3.6
06:00	-4.1	-3.4	-2.9	.7	1.2	-4.8	3.4	95.5	3.4
07:00	-4.5	-3.8	-3.4	.8	1.1	-5.0	3.3	96.7	3.4
08:00	-3.6	-3.5	-3.1	.1	.5	-5.8	3.2	85.8	3.2
09:00	-2.2	-2.6	-2.9	-.4	-.7	-7.8	3.1	65.9	2.7
10:00	-.9	-1.5	-1.9	-.5	-1.0	-8.3	3.1	58.0	2.6
11:00	.1	-.4	-1.1	-.5	-1.2	-8.9	3.1	51.3	2.5
12:00	1.1	.6	-.2	-.5	-1.3	-9.0	3.3	47.4	2.5
13:00	2.2	1.7	.9	-.5	-1.3	-9.2	3.4	43.2	2.4
14:00	2.9	2.5	1.7	-.4	-1.2	-10.2	3.8	38.0	2.2
15:00	3.4	3.0	2.3	-.4	-1.1	-10.7	4.3	35.3	2.1
16:00	3.4	3.3	2.5	-.1	-.9	-10.8	4.6	34.8	2.1
17:00	1.9	2.7	2.5	.8	.6	-9.1	4.5	44.7	2.4
18:00	.2	1.0	1.9	.8	1.7	-8.4	4.4	52.8	2.6
19:00	-.9	-.1	.6	.8	1.5	-7.5	4.1	61.3	2.8
20:00	-2.0	-1.0	.0	1.1	2.0	-6.4	3.9	72.6	3.0
21:00	-2.4	-1.7	-.8	.7	1.6	-6.2	3.7	75.6	3.1
22:00	-3.3	-2.0	-1.3	1.3	2.0 +	-6.0	3.5	82.4	3.1
23:00	-3.3	-2.5	-1.7	.8	1.6	-5.5	3.4	85.1	3.3
Avg	-.8	-.5	-.5	.3	.3	-6.8	3.7	67.8	3.0
Max	3.4	3.3	2.5	1.3	2.0	-3.5	4.6	96.7	3.8
Hr. of Max	16	16	17	22	22	01	16	07	01
Min	-4.5	-3.8	-3.4	-.5	-1.3	-10.8	3.1	34.8	2.1
Count	24	24	24	24	24	24	24	24	24
Total									

Current Time: 10:31 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/12/2013

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	0.002877	4.6	.00	29.41	-2.5	340	341	317	21
01:00	0.002969	4.7	.00	29.42	-2.9	325	333	331	13
02:00	0.002901	4.6	.00	29.42	-3.2	295	307	307	12
03:00	0.002896	4.6	.00	29.43	-3.3	300	295	303	14
04:00	0.002855	4.6	.00	29.43	-3.6	286	275	301	6
05:00	0.002779	4.4	.00	29.45	-3.5	304	233	308	15
06:00	0.002679	4.3	.00	29.46	-3.6	1	255	304	8
07:00	0.002629	4.2	.00	29.47	.6	10	59	45	7
08:00	0.002488	4.0	.00	29.48	90.5	50	66	56	19
09:00	0.002132	3.4	.00	29.50	351.4	102	103	82	10
10:00	0.002056	3.3	.00	29.51	444.7	129	123	78	18
11:00	0.001961	3.1	.00	29.50	515.3	81	49	317	27
12:00	0.001956	3.1	.00	29.48	553.8	131	136	151	21
13:00	0.001924	3.1	.00	29.46	521.5	162	164	164	25
14:00	0.001781	2.8	.00	29.44	424.2	163	169	182	20
15:00	0.001714	2.7	.00	29.43	242.1	160	171	177	17
16:00	0.001697	2.7	.00	29.42	114.3	252	235	226	14
17:00	0.001944	3.1	.00	29.43	4.4	313	296	285	8
18:00	0.002043	3.3	.00	29.42	-2.3	346	43	174	5
19:00	0.002188	3.5	.00	29.41	-2.8	335	73	162	7
20:00	0.002381	3.8	.00	29.41	-2.9	267	242	208	5
21:00	0.002412	3.8	.00	29.40	-3.1	295	312	251	5
22:00	0.002457	3.9	.00	29.40	-3.5	255	244	268	5
23:00	0.002541	4.1	.00	29.40	-3.5	287	227	293	6
Avg	0.002344	3.7	.00	29.44	134.3	311	255	267	13
Max	0.002969	4.7	.00	29.51	553.8	346	341	331	27
Hr. of Max	01	01	23	10	12	18	00	01	11
Min	0.001697	2.7	.00	29.40	-3.6	1	43	45	5
Count	24	24	24	24	24	24	24	24	24
Total									

Current Time: 10:31 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/12/2013

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	20	13	2.6	4.2	10.4	10.3	19.9	31.6
01:00	15	12	2.3	3.7	5.3	6.4	9.2	9.2
02:00	10	4	3.0	4.8	8.2	11.9	13.3	13.1
03:00	11	3	1.2	3.4	8.8	5.3	7.3	18.3
04:00	5	4	1.8	3.6	7.0	3.9	8.5	16.7
05:00	11	9	.9	1.1	5.1	2.1	3.4	10.5
06:00	13	12	.7	1.0	2.2	2.7	2.5	11.0
07:00	12	8	1.1	1.6	2.4	3.2	3.9	5.3
08:00	16	7	1.4	2.0	4.4	7.1	6.6	9.8
09:00	9	10	4.9	4.9	3.8	8.0	9.4	7.1
10:00	19	29	2.9	2.8	2.7	7.8	9.8	8.0
11:00	27	30	2.6	2.5	3.0	10.3	8.0	8.2
12:00	19	24	3.6	3.2	3.1	8.5	7.6	8.5
13:00	28	32	2.8	2.6	2.5	12.8	7.1	8.5
14:00	22	29	3.5	3.2	3.2	9.4	7.8	8.7
15:00	16	12	3.3	3.4	4.3	9.6	9.6	11.0
16:00	14	12	1.7	2.0	2.6	4.8	8.5	10.1
17:00	11	3	1.1	1.7	3.8	3.0	3.9	5.7
18:00	5	8	.8	1.2	3.1	1.8	1.8	6.4
19:00	6	3	.8	1.2	3.4	1.8	2.0	10.1
20:00	3	2	1.1	1.5	3.6	2.3	2.5	5.5
21:00	9	2	1.2	1.6	3.1	3.0	3.0	6.4
22:00	3	2	1.8	3.0	6.0	3.7	4.8	10.5
23:00	13	5	1.4	2.0	6.6	3.0	4.4	14.7
Avg	13	11	2.0	2.6	4.5	5.9	6.9	10.6
Max	28	32	4.9	4.9	10.4	12.8	19.9	31.6
Hr. of Max	13	13	09	09	00	13	00	00
Min	3	2	.7	1.0	2.2	1.8	1.8	5.3
Count	24	24	24	24	24	24	24	24
Total								