Current Time: 11:34 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/9/2014

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	-2.4	-2.0	-1.7	.4	.7	P	.4 P	67.0 P	2.7 P
01:00	-2.6	-2.1	-1.8	.5	.8	-7.7	.4	68.3	2.7
02:00	-2.6	-2.2	-1.9	.4	.7	-7.2	.4	71.0	2.9
03:00	-2.5	-2.1	-1.9	.4	.6	-6.3	.4	75.2	3.1
04:00	-2.5	-2.2	-2.0	.3	.5	-6.4	.4	74.7	3.0
05:00	-2.8	-2.3	-2.2	.5	.6	-6.3	.4	77.2	3.1
06:00	-3.6	-2.8	-2.6	.8	1.0	-6.5	.4	80.8	3.0
07:00	-3.8	-3.2	-2.6	.6	1.2	-6.4	.4	82.2	3.0
08:00	-3.5	-3.2	-2.2	.4	1.3	-6.5	.4	79.9	3.0
09:00	-.9	-1.1	-1.7	-.2	-.8	-5.7	.4	70.3	3.2
10:00	2.0	1.5	1.1	-.4	-.9	-8.3	.4	47.0	2.6
11:00	3.8	3.4	2.9	-.4	-.9	P	.4 P	42.2 P	2.6 P
12:00	5.6	5.2	4.5	-.3	-1.1	-7.7	.4	38.4	2.7
13:00	7.5	7.1	6.4	-.3	-1.1	-7.6	.4	33.8	2.7
14:00	8.8	8.5	7.7	-.3	-1.1	-7.0	.4	32.5	2.8
15:00	9.1	8.9	8.1	-.2	-1.0	-6.0	.4	34.3	3.0
16:00	9.0	8.8	8.3	-.2	-.7	-5.4	.4	36.2	3.2
17:00	8.1	8.1	7.5	.0	-.6	-5.3	.5	38.6	3.2
18:00	6.9	7.6	7.5	.7	.6	-4.8	.5	43.8	3.4
19:00	6.0	6.6	7.2	.6	1.2	-4.3	.5	48.1	3.5
20:00	5.8	6.3	6.7	.5	.9	-3.6	.5	51.3	3.7
21:00	5.7	6.3	6.5	.5	.8	-3.4	.5	52.5	3.7
22:00	5.5	5.9	6.3	.4	.8	-3.3	.5	53.3	3.7
23:00	5.4	5.6	6.1	.1	.7	-3.3	.5	54.0	3.8
Avg	2.6	2.8	2.8	.2	.2	-5.9	.4	56.4	3.1
Max	9.1	8.9	8.3	.8	1.3	-3.3	.5	82.2	3.8
Hr. of Max	15	15	16	06	08	23	23	07	23
Min	-3.8	-3.2	-2.6	-.4	-1.1	-8.3	.4	32.5	2.6
Count	24	24	24	24	24	22	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	0.002146 P	3.4 P	.00 P	29.45 P	-2.9 P	270 P	20 P	35 P	5 P
01:00	0.002146	3.4	.00	29.44	-2.8	349	46	57	8
02:00	0.002239	3.6	.00	29.44	-3.0	60	54	57	8
03:00	0.002386	3.8	.00	29.44	-2.7	38	52	59	9
04:00	0.002367	3.8	.00	29.44	-2.9	47	51	55	12
05:00	0.00239	3.8	.00	29.45	-3.1	349	51	59	13
06:00	0.002358	3.8	.00	29.46	-3.3	272	47	57	6
07:00	0.002363	3.8	.00	29.47	-1.3	359	57	46	13
08:00	0.002345	3.7	.00	29.47	51.1	30	63	65	12
09:00	0.002502	4.0	.00	29.47	237.2	83	71	60	20
10:00	0.002057	3.3	.00	29.48	366.0	84	69	60	27
11:00	0.002114 P	3.4 P	.00 P	29.45 P	459.2 P	72 P	69 P	68 P	20 P
12:00	0.002176	3.5	.00	29.40	499.8	15	32	41	32
13:00	0.002193	3.5	.00	29.37	524.4	91	75	77	24
14:00	0.0023	3.7	.00	29.35	378.5	189	190	190	23
15:00	0.00248	3.9	.00	29.36	160.3	308	313	292	19
16:00	0.002607	4.2	.00	29.36	85.9	354	0	354	15
17:00	0.002613	4.2	.00	29.36	6.6	339	359	359	15
18:00	0.002721	4.3	.00	29.36	-2.2	323	22	41	12
19:00	0.002823	4.5	.00	29.37	-2.3	27	58	63	11
20:00	0.002961	4.7	.00	29.37	-2.5	15	58	66	13
21:00	0.003016	4.8	.00	29.37	-1.9	30	53	67	17
22:00	0.003021	4.8	.00	29.36	-2.4	26	55	42	12
23:00	0.003041	4.8	.00	29.34	-2.3	67	53	52	11
Avg	0.002474	3.9	.00	29.41	113.9	20	47	51	15
Max	0.003041	4.8	.00	29.48	524.4	359	359	359	32
Hr. of Max	23	23	23	10	13	07	17	17	12
Min	0.002057	3.3	.00	29.34	-3.3	15	0	35	5
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	9 P	7 P	.6	.9	1.7	<	3.6	5.3
01:00	3	4	.6	1.0	3.1	3.0	4.1	7.8
02:00	7	3	.6	2.4	4.7	3.0	8.2	8.5
03:00	9	3	1.0	3.4	5.8	3.9	6.9	12.8
04:00	10	3	.6	2.6	5.3	2.5	9.6	14.0
05:00	6	4	.5	1.3	4.6	2.5	5.0	8.0
06:00	3	4	.4	.5	4.8	1.8	2.5	8.5
07:00	6	1	1.2	1.4	4.8	2.7	3.2	10.5
08:00	7	3	.8	.9	5.2	2.7	4.4	11.7
09:00	14	8	2.7	3.4	4.7	7.1	8.0	10.1
10:00	24	16	3.0	3.0	3.0	11.9	11.9	9.2
11:00	14 P	11 P	4.4	4.5	4.8	<	<	<
12:00	22	17	2.5	2.8	3.2	7.6	7.1	13.3
13:00	29	32	2.4	2.1	1.9	8.5	8.0	8.0
14:00	25	26	2.5	2.7	3.3	7.8	7.8	8.5
15:00	19	18	2.0	2.4	2.8	6.0	6.0	7.6
16:00	20	10	1.6	2.0	3.5	5.3	6.6	5.0
17:00	17	10	2.3	3.4	5.2	6.4	12.6	8.5
18:00	13	3	1.3	1.7	3.3	3.4	4.1	6.0
19:00	5	3	.9	1.4	3.6	2.7	3.2	7.1
20:00	6	4	.8	1.7	3.7	2.5	3.4	7.1
21:00	11	4	.9	2.0	4.2	2.7	4.6	7.3
22:00	8	3	.7	1.8	4.6	2.5	4.6	11.4
23:00	7	2	.7	1.4	4.3	2.3	5.0	10.3
Avg	12	8	1.5	2.1	4.0	4.5	6.1	9.0
Max	29	32	4.4	4.5	5.8	11.9	12.6	14.0
Hr. of Max	13	13	11	11	03	10	17	04
Min	3	1	.4	.5	1.7	1.8	2.5	5.0
Count	24	24	24	24	24	22	23	23
Total								