Current Time: 9:24 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/27/2013

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	-1.7	-.7	1.1	1.0	2.8	-3.8	3.3	86.4	3.7
01:00	-2.1	-1.3	.6	.8	2.7	-3.8	3.2	89.0	3.7
02:00	-2.5	-1.6	-.3	.8	2.2	-3.9	3.1	90.0	3.7
03:00	-2.5	-1.6	-.6	.9	1.9	-4.1	3.0	89.0	3.6
04:00	-2.6	-2.2	-1.1	.4	1.5	-3.9	2.9	91.0	3.7
05:00	-3.2	-2.2	-1.7	.9	1.5	-4.4	2.8	91.5	3.5
06:00	-3.9	-2.9	-2.5	1.0	1.4	-4.6	2.7	95.2	3.5
07:00	-4.2	-3.3	-2.8	.9	1.4	-4.7	2.6	96.6	3.5
08:00	-3.6	-3.1	-2.2	.5	1.4	-5.0	2.6	91.2	3.4
09:00	-.9	-1.0	-1.3	-.1	.4	-4.6	2.5	76.6	3.5
10:00	2.3	1.9	1.1	-.5	-1.2	-3.1	2.5	67.9	3.8
11:00	4.9	4.3	3.6	-.6	-1.3	-3.2	2.6	56.6	3.8
12:00	7.0	6.6	5.9	-.5	-1.1	-4.8	2.8	43.3	3.3
13:00	8.5	8.0	7.4	-.5	-1.1	-6.0	3.0	35.9	3.0
14:00	9.6	9.3	8.4	-.3	-1.2	-7.5	3.4	29.7	2.7
15:00	10.2	10.1	9.2	-.2	-1.0	-8.3	4.0	26.8	2.5
16:00	10.2	10.2	9.4	.0	-.8	-7.7	4.4	28.0	2.7
17:00	8.0	8.9	8.9	.9	.9	-5.7	4.5	37.9	3.1
18:00	5.1	6.6	8.0	1.5	2.9	-4.6	4.4	50.0	3.4
19:00	2.9	4.6	6.5	1.7	3.6	-3.2	4.2	64.6	3.8
20:00	1.5	3.2	5.6	1.7	5.1	-3.3	3.9	70.7	3.8
21:00	.3	1.6	4.1	1.3	3.8	-3.3	3.7	77.2	3.8
22:00	-.3	.9	3.0	1.2	3.2	-3.0	3.5	82.6	3.9
23:00	-1.2	.1	3.0	1.3	4.2	-3.3	3.4	85.7	3.8
Avg	1.7	2.4	3.1	.6	1.4	-4.6	3.3	68.9	3.5
Max	10.2	10.2	9.4	1.7	5.1	-3.0	4.5	96.6	3.9
Hr. of Max	16	16	16	20	20	22	17	07	22
Min	-4.2	-3.3	-2.8	-.6	-1.3	-8.3	2.5	26.8	2.5
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	0.002905	4.6	.00	29.36	-2.7	350	51	33	6
01:00	0.002904	4.6	.00	29.36	-3.0	10	48	22	13
02:00	0.00287	4.6	.00	29.37	-3.1	29	56	36	11
03:00	0.002833	4.5	.00	29.38	-2.9	36	58	42	6
04:00	0.002871	4.6	.00	29.37	-3.2	44	71	55	6
05:00	0.002769	4.4	.00	29.38	-3.0	355	68	59	5
06:00	0.002722	4.3	.00	29.40	-3.2	272	244	45	5
07:00	0.002697	4.3	.00	29.41	-1.5	300	270	45	5
08:00	0.002649	4.2	.00	29.43	69.1	238	18	36	6
09:00	0.002723	4.3	.00	29.45	310.2	128	85	55	18
10:00	0.00306	4.9	.00	29.46	392.1	120	110	52	15
11:00	0.003048	4.9	.00	29.45	490.0	128	125	80	14
12:00	0.002713	4.3	.00	29.43	551.5	140	141	142	25
13:00	0.002485	4.0	.00	29.41	529.7	112	121	127	19
14:00	0.002222	3.5	.00	29.39	439.2	168	170	168	29
15:00	0.002089	3.3	.00	29.38	260.1	225	218	202	20
16:00	0.002186	3.5	.00	29.38	119.8	226	211	236	13
17:00	0.002534	4.0	.00	29.37	9.4	358	17	358	8
18:00	0.002744	4.4	.00	29.37	-2.0	41	45	141	11
19:00	0.003043	4.8	.00	29.39	-2.2	51	55	149	6
20:00	0.003012	4.8	.00	29.39	-2.4	6	68	144	6
21:00	0.003017	4.8	.00	29.40	-2.1	10	66	173	6
22:00	0.00309	4.9	.00	29.40	-2.6	30	55	21	5
23:00	0.003	4.8	.00	29.40	-2.6	28	76	61	12
Avg	0.002758	4.4	.00	29.40	130.6	35	78	75	11
Max	0.00309	4.9	.00	29.46	551.5	358	270	358	29
Hr. of Max	22	22	23	10	12	17	07	17	14
Min	0.002089	3.3	.00	29.36	-3.2	6	17	21	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	7	8	.2	.6	3.3	1.1	1.5	6.0
01:00	5	15	.2	.6	4.7	1.1	1.5	10.1
02:00	4	2	.4	.8	4.4	1.4	2.0	9.2
03:00	4	2	.8	1.4	4.5	2.7	3.9	9.4
04:00	3	2	.2	.8	5.6	1.6	2.7	18.5
05:00	3	2	.6	1.0	3.2	2.3	3.2	7.3
06:00	19	2	1.0	1.4	2.6	2.7	3.6	4.1
07:00	7	10	.5	.9	3.1	1.6	2.5	7.1
08:00	6	2	.5	.9	2.5	1.6	2.5	12.1
09:00	14	4	1.2	1.6	2.8	3.4	3.0	6.9
10:00	17	12	2.3	2.2	2.4	5.3	5.5	5.7
11:00	20	14	2.9	2.6	2.8	7.3	8.0	7.1
12:00	21	21	2.4	2.5	2.5	6.0	6.2	5.0
13:00	23	23	2.6	2.4	2.4	8.0	7.8	6.4
14:00	31	24	2.1	2.0	2.3	6.0	8.7	7.6
15:00	16	17	2.2	2.3	2.9	6.6	6.9	8.9
16:00	10	10	.9	1.0	1.7	8.7	7.8	9.8
17:00	6	15	.5	.5	1.0	2.1	3.0	2.5
18:00	7	4	.4	1.0	3.4	3.4	1.8	6.0
19:00	3	2	.1	.5	3.0	1.4	2.5	9.6
20:00	4	3	.3	.8	1.1	1.4	2.5	4.1
21:00	5	10	.3	.4	.4	1.8	1.0	2.5
22:00	3	15	.3	.8	1.7	1.6	2.7	4.4
23:00	4	2	.3	.7	1.5	1.6	3.9	5.0
Avg	10	9	1.0	1.2	2.7	3.4	3.9	7.3
Max	31	24	2.9	2.6	5.6	8.7	8.7	18.5
Hr. of Max	14	14	11	11	04	16	14	04
Min	3	2	.1	.4	.4	1.1	1.0	2.5
Count	24	24	24	24	24	24	24	24
Total								