Current Time: 7:58 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/18/2013

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	2.5	2.8	2.8	.3	.3	-4.0	4.8	62.3	3.6
01:00	1.8	2.0	1.8	.2	.0	-3.7	4.5	67.6	3.7
02:00	.9	1.3	1.1	.4	.2	-3.1	4.3	75.1	3.9
03:00	.1	.9	.6	.8	.5	-3.3	4.0	78.6	3.8
04:00	-1.6	-.2	.0	1.4	1.6	-3.3	3.8	88.8	3.8
05:00	-2.2	-1.4	-.8	.8	1.4	-3.2	3.6	93.3	3.8
06:00	-2.9	-2.0	-1.2	.9	1.7	-3.5	3.5	95.7	3.8
07:00	-3.3	-2.6	-1.7	.7	1.6	-3.8	3.3	96.8	3.7
08:00	-2.8	-2.3	-1.4	.4	1.4	-4.4	3.2	89.5	3.5
09:00	.0	.0	-.6	.0	.6	-4.3	3.1	73.2	3.5
10:00	2.4	2.2	1.2	-.2	-1.2	-4.7	3.1	60.3	3.4
11:00	3.9	3.7	2.6	-.2	-1.3	-6.7	3.4	46.5	2.9
12:00	5.0	4.9	3.7	-.2	-1.3	-7.9	3.7	39.2	2.7
13:00	6.2	6.0	4.8	-.2	-1.4	-8.0	3.8	35.7	2.6
14:00	7.1	6.9	5.7	-.3	-1.4	-7.9	4.3	33.9	2.6
15:00	7.6	7.5	6.3	-.2	-1.3	-8.3	4.8	31.8	2.6
16:00	7.9	7.8	6.7	-.1	-1.2	-8.2	5.1	31.5	2.6
17:00	6.5	7.2	7.1	.8	.6	-6.6	5.1	39.2	2.9
18:00	4.1	5.6	6.2	1.6	2.1	-6.0	4.9	48.5	3.1
19:00	2.6	3.9	5.3	1.3	2.7	-5.7	4.6	54.9	3.2
20:00	1.4	2.7	4.5	1.3	3.1	-5.5	4.4	60.4	3.2
21:00	.3	1.5	4.1	1.2	3.8	-5.1	4.1	67.5	3.3
22:00	-.5	.5	3.7	1.1	4.2	-4.6	3.9	74.1	3.4
23:00	-1.0	.2	2.8	1.2	3.8	-4.6	3.7	77.0	3.5
Avg	1.9	2.5	2.7	.5	.9	-5.3	4.0	63.4	3.3
Max	7.9	7.8	7.1	1.6	4.2	-3.1	5.1	96.8	3.9
Hr. of Max	16	16	17	18	22	02	17	07	02
Min	-3.3	-2.6	-1.7	-.3	-1.4	-8.3	3.1	31.5	2.6
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	0.002868	4.5	.00	29.26	-2.8	242	257	276	14
01:00	0.002951	4.7	.00	29.26	-1.4	246	254	272	8
02:00	0.003073	4.9	.00	29.27	-2.5	274	264	272	8
03:00	0.003033	4.8	.00	29.29	-2.8	294	290	290	8
04:00	0.003024	4.8	.00	29.29	-2.9	349	333	301	12
05:00	0.003031	4.8	.00	29.30	-3.3	327	50	233	5
06:00	0.002959	4.7	.00	29.31	-3.5	293	297	207	9
07:00	0.002894	4.6	.00	29.32	-.5	304	279	233	6
08:00	0.002783	4.4	.00	29.34	66.6	258	224	277	14
09:00	0.002796	4.4	.00	29.34	278.9	194	206	271	10
10:00	0.002732	4.3	.00	29.35	403.5	199	207	217	15
11:00	0.002348	3.7	.00	29.35	508.5	230	237	241	19
12:00	0.002145	3.4	.00	29.33	552.4	260	266	256	22
13:00	0.002127	3.4	.00	29.32	525.0	247	250	250	21
14:00	0.00215	3.4	.00	29.31	431.7	218	218	219	19
15:00	0.002088	3.3	.00	29.30	247.2	227	233	223	16
16:00	0.002106	3.3	.00	29.29	113.5	237	237	224	13
17:00	0.002369	3.8	.00	29.28	5.0	243	189	180	17
18:00	0.002484	3.9	.00	29.27	-2.1	303	266	204	18
19:00	0.002531	4.0	.00	29.28	-2.2	112	80	218	18
20:00	0.002568	4.1	.00	29.28	-2.4	322	106	227	15
21:00	0.00265	4.2	.00	29.28	-2.3	355	47	222	5
22:00	0.002734	4.3	.00	29.28	-2.5	16	72	237	4
23:00	0.002743	4.4	.00	29.28	-2.8	301	8	190	12
Avg	0.002633	4.2	.00	29.30	129.1	270	254	239	13
Max	0.003073	4.9	.00	29.35	552.4	355	333	301	22
Hr. of Max	02	02	23	11	12	21	04	04	12
Min	0.002088	3.3	.00	29.26	-3.5	16	8	180	4
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	13	10	3.8	5.5	9.9	10.8	13.3	17.6
01:00	9	7	3.5	5.5	8.4	9.6	11.0	17.4
02:00	6	5	2.4	4.6	8.4	6.6	11.7	17.4
03:00	7	2	2.1	4.7	9.6	4.8	10.5	16.9
04:00	13	2	.3	1.5	8.3	1.8	6.9	18.8
05:00	6	8	.5	.8	2.2	1.8	1.8	11.9
06:00	6	2	.6	.9	3.5	2.1	1.8	6.0
07:00	10	1	.2	.5	4.2	2.3	1.2	7.3
08:00	12	3	.5	.9	4.0	3.7	2.4	11.7
09:00	12	5	1.6	2.0	3.1	4.1	4.1	6.4
10:00	14	13	3.3	3.7	4.3	9.2	8.5	10.8
11:00	20	14	4.8	5.4	6.2	14.9	13.3	13.5
12:00	22	20	5.1	5.8	6.5	14.7	16.0	13.5
13:00	20	14	4.9	5.4	6.4	10.8	15.1	14.0
14:00	22	14	4.4	5.1	6.1	11.4	13.1	12.4
15:00	15	10	4.4	5.1	6.0	10.1	12.1	14.0
16:00	11	7	3.1	4.0	5.4	9.2	11.4	14.2
17:00	11	4	.8	2.6	6.5	3.0	6.4	10.1
18:00	26	4	.8	1.2	5.2	2.5	2.7	13.7
19:00	21	1	.5	.9	4.7	2.3	1.8	10.8
20:00	14	1	.6	1.0	6.0	2.1	2.5	11.2
21:00	8	2	.2	.7	6.1	1.1	1.8	8.5
22:00	5	2	.2	.7	3.1	1.1	1.8	9.6
23:00	10	2	.4	.8	4.5	1.8	2.0	6.2
Avg	13	6	2.0	2.9	5.8	5.9	7.2	12.2
Max	26	20	5.1	5.8	9.9	14.9	16.0	18.8
Hr. of Max	18	12	12	12	00	11	12	04
Min	5	1	.2	.5	2.2	1.1	1.2	6.0
Count	24	24	24	24	24	24	24	24
Total								