Current Time: 8:07 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/24/2013

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	.0	.3	.0	.3	.0	-1.8	7.0	87.7	4.2
01:00	-.9	-.5	-.6	.4	.3	-1.9	6.8	93.5	4.2
02:00	-1.4	-1.1	-.5	.3	.9	-2.2	6.6	94.6	4.1
03:00	-.9	-.7	-.5	.2	.4	-2.1	6.4	91.5	4.2
04:00	-.2	-.4	-.7	-.2	-.5	-2.7	6.3	83.8	4.0
05:00	-.4	-.6	-1.1	-.2	-.8	-3.9	6.1	77.3	3.6
06:00	-.8	-1.0	-1.6	-.2	-.8	-4.8	6.0	74.5	3.4
07:00	-1.3	-1.4	-1.9	-.1	-.6	-5.1	5.7	75.6	3.3
08:00	-1.2	-1.4	-2.0	-.2	-.8	-5.7	5.4	72.1	3.2
09:00	-1.1	-1.4	-1.9	-.2	-.8	-5.8	5.2	71.2	3.2
10:00	-1.1	-1.4	-2.0	-.2	-.9	-6.7	5.2	66.0	2.9
11:00	-1.1	-1.3	-1.9	-.3	-.8	-7.1	5.2	64.1	2.9
12:00	-.5	-.9	-1.4	-.4	-.9	-8.4	5.3	55.8	2.6
13:00	.4	-.1	-.5	-.4	-.9	-10.2	5.6	45.5	2.3
14:00	1.0	.6	.1	-.4	-.9	-10.9	6.0	41.3	2.1
15:00	1.2	.8	.6	-.4	-.6	-11.3	6.3	39.1	2.1
16:00	1.3	1.0	.7	-.3	-.6	-11.5	6.4	38.4	2.0
17:00	.2	.4	.3	.2	.1	-10.3	6.2	45.7	2.2
18:00	-.7	-.6	-.5	.1	.2	-9.2	5.8	53.0	2.4
19:00	-1.3	-1.3	-1.3	.0	.0	-9.7	5.4	53.3	2.4
20:00	-1.8	-1.8	-1.8	.0	.0	-9.7	5.1	55.0	2.3
21:00	-2.2	-2.2	-2.5	-.1	-.3	-10.1	4.8	54.8	2.3
22:00	-2.8	-2.8	-3.0	.0	-.2	-10.0	4.5	57.7	2.3
23:00	-3.2	-3.3	-3.3	.0	.1	-9.7	4.3	61.3	2.4
Avg	-.8	-.9	-1.1	-.1	-.4	-7.1	5.7	64.7	2.9
Max	1.3	1.0	.7	.4	.9	-1.8	7.0	94.6	4.2
Hr. of Max	16	16	16	01	02	00	00	02	03
Min	-3.2	-3.3	-3.3	-.4	-.9	-11.5	4.3	38.4	2.0
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	0.00336	5.3	.00	29.35	-3.0	263	332	17	10
01:00	0.003336	5.3	.00	29.35	-2.3	252	272	37	7
02:00	0.003267	5.2	.00	29.35	-2.9	243	244	353	7
03:00	0.003285	5.2	.00	29.35	-2.6	248	257	282	10
04:00	0.003155	5.0	.00	29.35	-2.5	272	281	287	17
05:00	0.002874	4.6	.00	29.36	-2.7	274	280	285	17
06:00	0.002683	4.3	.00	29.37	-2.8	268	278	285	16
07:00	0.002626	4.2	.00	29.38	-.5	270	281	287	15
08:00	0.002516	4.0	.00	29.41	61.9	272	280	288	18
09:00	0.002497	4.0	.00	29.43	82.2	270	279	292	22
10:00	0.002313	3.7	.00	29.46	124.7	289	295	297	21
11:00	0.00226	3.6	.00	29.46	281.9	281	297	300	21
12:00	0.00204	3.3	.00	29.45	361.9	347	358	341	30
13:00	0.001779	2.8	.00	29.43	491.4	51	44	18	32
14:00	0.001688	2.7	.00	29.43	338.5	49	30	358	24
15:00	0.001627	2.6	.00	29.43	227.3	353	7	353	25
16:00	0.001609	2.6	.00	29.44	128.4	22	27	21	29
17:00	0.001764	2.8	.00	29.44	7.8	13	30	28	20
18:00	0.001917	3.1	.00	29.44	-2.1	56	52	46	27
19:00	0.001848	3.0	.00	29.44	-2.3	52	49	42	25
20:00	0.001835	2.9	.00	29.43	-2.6	48	39	36	32
21:00	0.001778	2.8	.00	29.43	-2.4	59	48	41	29
22:00	0.001793	2.9	.00	29.42	-2.5	52	50	44	24
23:00	0.001843	2.9	.00	29.41	-2.5	59	54	45	23
Avg	0.002321	3.7	.00	29.41	86.3	328	339	349	21
Max	0.00336	5.3	.00	29.46	491.4	353	358	358	32
Hr. of Max	00	01	23	11	13	15	12	14	20
Min	0.001609	2.6	.00	29.35	-3.0	13	7	17	7
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	15	11	1.3	1.7	5.0	3.0	3.9	10.8
01:00	12	8	2.0	2.2	3.7	3.4	4.6	13.1
02:00	8	11	1.1	1.4	4.3	3.2	3.9	12.0
03:00	7	8	1.9	2.9	5.4	5.7	7.8	10.5
04:00	13	8	3.5	4.7	8.6	8.9	10.1	16.9
05:00	15	8	4.8	6.1	11.0	11.7	14.4	19.2
06:00	14	8	4.6	6.2	11.1	9.4	13.3	19.7
07:00	13	7	4.2	6.0	11.0	11.2	12.4	25.2
08:00	16	10	5.1	6.2	10.4	15.8	14.9	19.0
09:00	21	14	4.7	5.8	9.4	16.0	19.7	22.9
10:00	17	14	6.5	8.3	11.9	18.8	43.5	40.3
11:00	23	17	4.1	5.1	6.3	13.1	13.3	17.9
12:00	29	23	3.5	4.9	6.7	11.7	14.2	15.8
13:00	22	17	3.9	4.7	5.6	13.3	11.9	15.8
14:00	31	28	3.2	3.6	4.1	11.3	13.5	15.3
15:00	30	17	2.7	4.0	5.4	9.8	15.3	14.7
16:00	21	11	2.5	4.1	5.5	7.8	10.3	14.4
17:00	11	4	1.4	4.4	7.9	8.0	9.2	17.6
18:00	15	5	1.8	4.9	10.5	8.0	10.8	20.2
19:00	13	6	1.9	4.9	10.1	5.3	12.1	20.6
20:00	15	8	2.0	5.7	11.6	7.3	13.3	19.7
21:00	17	7	2.4	5.4	11.4	9.4	12.1	18.5
22:00	15	6	2.0	4.7	10.5	7.8	14.4	16.5
23:00	15	6	2.0	4.4	10.2	6.9	11.4	20.6
Avg	17	11	3.0	4.7	8.2	9.5	12.9	18.2
Max	31	28	6.5	8.3	11.9	18.8	43.5	40.3
Hr. of Max	14	14	10	10	10	10	10	10
Min	7	4	1.1	1.4	3.7	3.0	3.9	10.5
Count	24	24	24	24	24	24	24	24
Total								