Current Time: 9:53 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/23/2013

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	8.8	9.4	10.0	.6	1.2	8.3	14.8	97.5	8.4
01:00	8.5	9.0	9.8	.6	1.4	7.9	14.4	97.5	8.2
02:00	8.4	8.8	9.6	.4	1.2	7.9	14.1	97.6	8.2
03:00	8.4	9.2	9.4	.8	1.0	7.9	14.0	97.6	8.2
04:00	8.5	9.1	9.3	.7	.8	8.0	13.8	97.6	8.2
05:00	8.2	8.8	9.1	.6	.9	7.7	13.7	97.6	8.1
06:00	8.6	9.3	9.5	.7	.9	8.0	13.5	97.6	8.3
07:00	9.3	9.5	9.5	.1	.2	8.2	13.3	93.7	8.4
08:00	9.3	9.2	9.2	-.1	-.1	5.5	13.2	78.2	7.0
09:00	9.1	8.9	8.7	-.2	-.4	3.6	13.1	69.5	6.1
10:00	8.8	8.6	8.2	-.2	-.6	3.6	13.0	70.3	6.1
11:00	8.2	8.0	7.4	-.2	-.8	2.3	13.1	67.2	5.6
12:00	7.8	7.6	7.0	-.2	-.8	1.7	13.2	65.8	5.3
13:00	7.7	7.4	6.9	-.2	-.8	1.3	13.3	64.7	5.2
14:00	8.0	7.8	7.0	-.2	-1.0	1.0	13.4	61.9	5.1
15:00	8.3	8.0	7.2	-.3	-1.1	.3	13.6	57.9	4.9
16:00	8.3	8.1	7.0	-.2	-1.3	-.2	13.8	55.5	4.7
17:00	8.2	8.0	7.1	-.2	-1.1	-.4	13.9	55.2	4.6
18:00	7.2	7.6	6.9	.4	-.3	.9	13.8	65.0	5.1
19:00	4.6	6.1	6.5	1.5	1.9	2.6	13.6	87.8	5.8
20:00	3.2 P	4.5 P	5.5 P	1.3 P	2.3 P	P	13.1 P	95.3 P	5.7 P
21:00	2.7	3.7	4.9	1.0	2.2	2.2	12.7	97.1	5.6
22:00	2.0	2.8	3.9	.8	1.9	1.5	12.3	97.2	5.4
23:00	1.5	2.2	3.0	.7	1.5	1.0	11.9	97.2	5.2
Avg	7.2	7.6	7.6	.3	.4	3.9	13.4	81.8	6.4
Max	9.3	9.5	10.0	1.5	2.3	8.3	14.8	97.6	8.4
Hr. of Max	08	07	00	19	20	00	00	06	07
Min	1.5	2.2	3.0	-.3	-1.3	-.4	11.9	55.2	4.6
Count	24	24	24	24	24	23	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	0.007025	10.9	.00	28.93	-2.6	290	221	269	4
01:00	0.006861	10.7	.00	28.92	-2.9	288	262	228	4
02:00	0.006835	10.6	.00	28.91	-2.6	277	238	227	3
03:00	0.006844	10.6	.00	28.90	-2.4	289	270	208	5
04:00	0.006882	10.7	.00	28.89	-2.3	260	242	256	12
05:00	0.006758	10.5	.00	28.89	-2.6	238	236	244	9
06:00	0.006932	10.8	.00	28.90	-2.5	253	254	266	13
07:00	0.006997	10.9	.00	28.91	-1.6 -	253	263	270	17
08:00	0.005808	9.1	.00	28.94	33.6	254	265	275	21
09:00	0.005085	8.0	.00	28.96	85.3	238	248	261	28
10:00	0.005057	7.9	.00	29.00	86.2	265	272	276	26
11:00	0.004622	7.2	.00	29.03	162.4	267	275	279	20
12:00	0.004415	6.9	.00	29.05	204.0	265	274	278	24
13:00	0.004288	6.7	.00	29.07	192.4	262	268	273	23
14:00	0.0042	6.6	.00	29.07	258.8	282	287	288	23
15:00	0.004006	6.3	.00	29.08	343.5	314	314	306	30
16:00	0.003839	6.0	.00	29.09	143.4	302	306	302	28
17:00	0.003792	6.0	.00	29.10	122.9	289	301	304	25
18:00	0.004163	6.6	.00	29.11	21.8	311	315	317	15
19:00	0.004686	7.4	.00	29.12	-2.4	299	277	314	6
20:00	0.004627 P	7.3 P	.00 P	29.13 P	-3.1 P	291 P	307 P	278 P	6 P
21:00	0.004537	7.1	.00	29.13	-3.4	332	63	305	5
22:00	0.004327	6.8	.00	29.13	-3.4	340	67	342	4
23:00	0.004161	6.6	.00	29.14	-3.5	292	29	11	7
Avg	0.005281	8.3	.00	29.02	67.5	281	277	280	15
Max	0.007025	10.9	.00	29.14	343.5	340	315	342	30
Hr. of Max	00	07	23	23	15	22	18	22	15
Min	0.003792	6.0	.00	28.89	-3.5	238	29	11	3
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	5	7	1.0	1.6	6.1	2.3	3.7	12.8
01:00	7	4	1.3	1.9	6.0	4.1	5.3	8.9
02:00	6	2	.7	1.0	4.1	2.1	2.3	10.8
03:00	6	3	.7	1.3	6.1	2.3	4.6	9.4
04:00	9	4	1.7	3.1	7.6	4.1	8.2	13.7
05:00	3	4	2.2	4.1	9.6	4.4	6.9	18.1
06:00	8	5	3.1	6.2	12.9	8.7	12.6	20.8
07:00	14	8	4.9	7.7	14.6	14.7	21.5	27.9
08:00	18	13	6.4	8.7	14.7	16.7	21.1	35.3
09:00	24	16	6.1	8.0	13.1	19.0	23.4	31.4
10:00	25	17	6.0	7.3	11.3	20.2	19.7	33.4
11:00	18	11	8.4	10.9	16.3	20.2	25.4	30.5
12:00	19	13	8.0	10.4	15.3	21.3	23.4	30.0
13:00	20	14	7.1	9.1	14.0	19.9	21.3	36.2
14:00	19	13	6.6	8.3	11.2	19.7	17.9	21.5
15:00	27	16	5.3	6.7	10.3	17.4	20.2	25.9
16:00	27	18	4.4	5.8	10.0	14.7	17.2	20.2
17:00	21	12	4.0	5.2	8.8	13.5	13.7	33.0
18:00	17	8	1.6	3.2	6.9	7.3	8.2	14.2
19:00	12	5	.8	1.5	5.9	2.3	4.8	10.8
20:00	13 P	5 P	.7 P	1.0 P	2.9 P	<	<	<
21:00	4	3	.7	1.0	3.4	2.1	2.5	6.9
22:00	4	6	.8	1.1	2.8	2.5	2.3	6.2
23:00	3	8	1.0	1.1	1.1	4.6	2.4	3.7
Avg	14	9	3.5	4.8	9.0	10.6	12.5	20.1
Max	27	18	8.4	10.9	16.3	21.3	25.4	36.2
Hr. of Max	16	16	11	11	11	12	11	13
Min	3	2	.7	1.0	1.1	2.1	2.3	3.7
Count	24	24	24	24	24	23	23	23
Total								