Current Time: 6:52 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/10/2013

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	3.2	3.0	2.8	-.2	-.4	2.7	7.8	97.0	5.8
01:00	3.3	3.1	2.8	-.2	-.5	2.7	7.7	97.2	5.8
02:00	3.2	2.9	2.6	-.2	-.6	2.7	7.7	97.3	5.8
03:00	2.7	2.5	2.2	-.2	-.5	2.2	7.6	97.3	5.6
04:00	2.3	2.1	1.8	-.2	-.5	1.9	7.5	97.4	5.5
05:00	2.0	1.8	1.5	-.2	-.5	1.6	7.4	97.4	5.4
06:00	2.0	1.8	1.5	-.2	-.5	1.5	7.3	97.4	5.4
07:00	1.8	1.6	1.2	-.2	-.6	1.4	7.2	97.4	5.3
08:00	1.6	1.4	1.0	-.2	-.6	1.2	7.1	97.4	5.2
09:00	1.1	.9	.6	-.2	-.5	.7	7.0	97.4	5.1
10:00	1.1	.9	.6	-.2	-.5	.6	6.9	97.1	5.0
11:00	1.5	1.3	.5	-.2	-1.0	-.6	6.8	86.8	4.6
12:00	2.2	2.0	1.1	-.3	-1.1	-2.1	6.8	73.7	4.1
13:00	3.2	3.0	2.2	-.2	-1.0	-2.8	6.8	65.3	3.9
14:00	3.7	3.4	2.4	-.3	-1.3	-3.5	7.1	60.1	3.7
15:00	3.7	3.4	2.6	-.3	-1.1	-4.8	7.5	54.3	3.4
16:00	3.2	3.0	2.2	-.2	-1.0	-5.3	7.6	54.1	3.3
17:00	2.1	2.4	2.1	.3	.0	-4.5	7.3	62.3	3.5
18:00	.6	1.7	1.6	1.1	1.0	-3.6	7.0	74.1	3.7
19:00	-1.3	.7	.8	1.9	2.1	-3.0	6.6	88.5	3.9
20:00	-1.6	-.5	.0	1.1	1.6	-2.6	6.2	92.9	4.0
21:00	-2.1	-1.2	-.8	.9	1.3	-2.6	5.8	96.8	4.0
22:00	-2.4	-1.8	-1.5	.6	.9	-2.9	5.5	96.9	4.0
23:00	-3.0	-2.0	-1.7	1.0	1.3	-3.5	5.2	96.9	3.8
Avg	1.4	1.6	1.3	.1	-.2	-.9	7.0	86.4	4.6
Max	3.7	3.4	2.8	1.9	2.1	2.7	7.8	97.4	5.8
Hr. of Max	15	15	01	19	19	02	00	09	02
Min	-3.0	-2.0	-1.7	-.3	-1.3	-5.3	5.2	54.1	3.3
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	0.004705	7.4	.02	29.10	-2.9	128	65	350	14
01:00	0.004742	7.4	.06	29.07	-2.8	347	353	11	17
02:00	0.004717	7.4	.09	29.07	-2.5	251	274	307	15
03:00	0.004567	7.2	.15	29.08	-2.2	262	271	289	17
04:00	0.00445	7.0	.04	29.08	-2.3	237	248	275	15
05:00	0.004353	6.8	.01	29.08	-2.6	221	228	286	11
06:00	0.004337	6.8	.02	29.09	-3.0	260	272	292	12
07:00	0.004282	6.7	.01	29.11	-1.3	263	279	297	16
08:00	0.004219	6.7	.00	29.15	10.1	263	271	275	17
09:00	0.004064	6.4	.00	29.21	61.4	264	273	278	20
10:00	0.004035	6.4	.00	29.27	168.7	270	282	288	31
11:00	0.003705	5.9	.00	29.29	481.0	270	276	280	20
12:00	0.003319	5.3	.00	29.28	566.9	275	282	278	20
13:00	0.003156	5.0	.00	29.28	494.6	248	256	256	19
14:00	0.002992	4.7	.00	29.28	437.3	260	267	269	18
15:00	0.002705	4.3	.00	29.29	247.6	273	279	280	16
16:00	0.002612	4.2	.00	29.31	117.0	267	272	275	17
17:00	0.002766	4.4	.00	29.32	4.0	269	251	262	11
18:00	0.002952	4.7	.00	29.34	-2.6	291	236	263	6
19:00	0.003084	4.9	.00	29.35	-2.9	275	253	267	5
20:00	0.003165	5.0	.00	29.36	-2.9	328	127	231	4
21:00	0.003165	5.0	.00	29.36	-3.0	309	27	213	4
22:00	0.003111	4.9	.00	29.35	-3.1	2	59	182	7
23:00	0.002975	4.7	.00	29.35	-3.4	302	26	33	7
Avg	0.003674	5.8	.01	29.23	106.3	273	277	279	14
Max	0.004742	7.4	.15	29.36	566.9	347	353	350	31
Hr. of Max	01	02	03	21	12	01	01	00	10
Min	0.002612	4.2	.00	29.07	-3.4	2	26	11	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	16	16	1.4	1.6	3.5	7.1	7.1	18.1
01:00	19	11	1.7	2.8	5.4	5.7	6.6	10.3
02:00	17	12	1.8	2.3	4.0	6.4	7.8	19.0
03:00	23	11	2.8	3.2	6.5	12.1	15.1	22.0
04:00	15	9	2.0	2.3	3.5	6.6	7.3	6.9
05:00	14	13	1.8	1.8	1.9	4.1	5.7	7.6
06:00	11	8	2.5	2.9	4.3	7.3	7.1	9.8
07:00	15	7	2.5	3.0	5.8	7.8	8.0	17.6
08:00	16	9	4.4	5.5	9.1	11.9	13.7	18.3
09:00	18	11	6.3	8.2	14.3	16.9	18.5	32.3
10:00	27	18	5.7	7.3	12.1	19.5	20.8	40.5
11:00	17	14	6.6	8.0	9.6	16.3	22.2	24.5
12:00	19	11	7.2	8.8	10.6	16.9	18.1	26.3
13:00	21	16	6.1	6.8	8.3	19.5	16.9	17.9
14:00	16	12	6.9	8.4	10.7	16.0	15.3	18.1
15:00	12	9	7.7	9.6	11.7	17.9	19.2	18.8
16:00	14	11	4.7	5.8	8.2	12.1	12.4	18.3
17:00	9	6	2.2	3.9	6.7	6.0	9.2	10.5
18:00	6	9	1.9	2.8	6.0	3.2	6.2	10.5
19:00	6	2	1.1	2.1	6.9	3.7	7.3	18.3
20:00	7	1	.7	1.0	3.3	2.3	2.7	12.8
21:00	7	1	.2	.7	3.2	1.8	3.2	6.6
22:00	13	3	.6	.9	1.7	1.8	2.5	6.2
23:00	7	8	1.6	1.8	3.3	4.4	3.2	7.1
Avg	14	10	3.4	4.2	6.7	9.5	10.7	16.6
Max	27	18	7.7	9.6	14.3	19.5	22.2	40.5
Hr. of Max	10	10	15	15	09	13	11	10
Min	6	1	.2	.7	1.7	1.8	2.5	6.2
Count	24	24	24	24	24	24	24	24
Total								