Current Time: 8:52 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/20/2013

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	4.3	9.1	9.4	4.8	5.1	-1.9	4.4	64.7	4.2
01:00	4.5	8.1	9.8	3.6	5.3	-1.4	4.3	65.8	4.3
02:00	4.1	8.4	9.9	4.3	5.8	-1.5	4.1	67.7	4.3
03:00	4.2	7.0	7.8	2.8	3.6	-1.4	4.0	67.4	4.3
04:00	4.0	6.2	7.1	2.2	3.1	-1.7	3.9	66.9	4.2
05:00	3.0	5.0	6.6	2.0	3.6	-.7	3.8	77.2	4.6
06:00	3.2	4.8	6.3	1.6	3.1	-.7	3.7	76.1	4.6
07:00	4.2	5.2	7.0	1.0	2.8	.3	3.7	76.3	4.9
08:00	5.5	5.9	7.6	.4	2.1	.9	3.8	72.9	5.1
09:00	7.1	7.0	7.8	-.1	.7	.6	4.0	64.3	5.0
10:00	9.0	8.8	8.7	-.2	-.3	-.4	4.3	52.5	4.6
11:00	10.3	10.1	9.1	-.2	-1.2	-1.4	4.7	44.7	4.3
12:00	10.8	10.5	9.6	-.3	-1.2	-1.2	5.1	44.0	4.3
13:00	11.6	11.5	10.5	-.2	-1.1	-.1	5.5	45.0	4.7
14:00	12.6	12.5	11.7	-.2	-.9	.7	5.9	44.5	4.9
15:00	12.8	12.7	12.0	-.1	-.8	1.5	6.2	46.8	5.2
16:00	13.1	13.0	12.4	.0	-.7	2.1	6.4	47.8	5.4
17:00	12.6	12.8	13.0	.2	.4	2.6	6.5	51.0	5.6
18:00	12.0	12.6	13.8	.6	1.8	2.9	6.6	54.3	5.8
19:00	11.9	12.8	13.6	.9	1.7	4.1	6.6	59.5	6.2
20:00	12.3	13.6	13.8	1.3	1.5	5.3	6.7	63.1	6.8
21:00	12.4	13.9	13.8	1.4	1.4	6.4	6.7	67.3	7.3
22:00	12.4	13.5	13.6	1.1	1.2	6.9	6.8	69.7	7.6
23:00	12.2	13.3	13.3	1.0	1.1	7.3	6.9	72.9	7.8
Avg	8.8	9.9	10.3	1.2	1.6	1.2	5.2	60.9	5.3
Max	13.1	13.9	13.8	4.8	5.8	7.3	6.9	77.2	7.8
Hr. of Max	16	21	21	00	02	23	23	05	23
Min	3.0	4.8	6.3	-.3	-1.2	-1.9	3.7	44.0	4.2
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	0.003386	5.3	.00	29.18	-2.5	261	260	270	14
01:00	0.003492	5.5	.00	29.17	-2.4	275	239	260	11
02:00	0.003487	5.5	.00	29.18	-2.8	309	246	253	14
03:00	0.003491	5.5	.00	29.19	-2.4	349	218	238	11
04:00	0.003437	5.4	.00	29.19	-2.4	283	50	231	9
05:00	0.003698	5.8	.00	29.17	-2.5	34	45	215	11
06:00	0.003689	5.8	.00	29.18	-2.7	71	59	259	15
07:00	0.003954	6.2	.00	29.18	-2.2	57	68	283	13
08:00	0.004141	6.5	.00	29.19	21.0	58	63	9	11
09:00	0.004071	6.4	.00	29.19	98.8	79	55	33	19
10:00	0.00379	6.0	.00	29.18	135.8	239	229	258	22
11:00	0.003536	5.6	.00	29.18	115.0	243	249	273	16
12:00	0.003591	5.7	.00	29.15	140.7	308	320	305	20
13:00	0.003889	6.1	.00	29.13	119.6	245	253	260	15
14:00	0.004111	6.5	.00	29.12	77.7	271	280	284	16
15:00	0.004376	6.9	.00	29.11	57.5	55	55	302	16
16:00	0.004543	7.1	.00	29.11	42.2	24	25	244	15
17:00	0.004704	7.4	.00	29.11	1.1	34	39	253	13
18:00	0.004814	7.6	.00	29.11	-1.9	288	82	261	10
19:00	0.005227	8.2	.00	29.12	-2.0	315	144	261	9
20:00	0.005706	9.0	.00	29.12	-2.4	270	234	262	13
21:00	0.006137	9.6	.00	29.11	-1.9	199	258	265	11
22:00	0.00635	10.0	.00	29.11	-2.3	8	186	255	12
23:00	0.006567	10.3	.00	29.10	-2.3	253	233	267	7
Avg	0.004341	6.8	.00	29.15	32.4	316	276	267	13
Max	0.006567	10.3	.00	29.19	140.7	349	320	305	22
Hr. of Max	23	23	23	09	12	03	12	12	10
Min	0.003386	5.3	.00	29.10	-2.8	8	25	9	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	9	4	1.9	4.7	12.3	5.7	9.2	22.2
01:00	7	4	.6	4.6	11.6	2.5	9.6	21.5
02:00	7	6	.4	4.8	12.1	2.1	10.1	25.6
03:00	9	4	.4	1.6	9.5	1.8	6.6	19.2
04:00	14	2	.5	1.0	8.4	2.5	2.5	18.3
05:00	19	10	.5	1.3	6.3	4.4	3.9	13.3
06:00	6	4	.6	1.0	4.9	2.1	3.0	8.5
07:00	6	11	1.3	1.8	2.4	4.8	5.0	7.1
08:00	13	17	1.3	2.5	3.0	7.6	7.1	5.0
09:00	18	5	1.2	1.3	2.3	3.9	5.5	5.0
10:00	28	8	.7	1.0	2.1	2.7	4.1	5.5
11:00	18	12	2.0	2.3	3.8	6.9	6.6	8.9
12:00	23	17	2.1	2.3	2.6	6.9	6.6	10.3
13:00	16	12	2.5	2.6	4.4	7.3	7.1	9.2
14:00	16	15	1.3	1.6	2.5	6.2	5.0	6.0
15:00	19	9	.9	1.0	1.9	2.5	4.6	6.2
16:00	21	13	.8	1.0	1.4	2.7	2.7	5.0
17:00	19	14	.9	1.5	2.5	2.7	5.0	6.4
18:00	8	4	.7	1.3	6.1	2.5	2.3	12.1
19:00	18	5	.5	1.4	7.6	2.1	6.2	15.3
20:00	15	5	.6	1.3	7.8	2.3	6.0	13.1
21:00	12	6	.5	1.6	6.8	2.3	6.2	18.3
22:00	8	7	.2	.8	4.3	1.8	2.5	13.5
23:00	12	6	.8	1.1	4.9	3.2	3.0	8.0
Avg	14	8	1.0	1.9	5.5	3.7	5.4	11.8
Max	28	17	2.5	4.8	12.3	7.6	10.1	25.6
Hr. of Max	10	12	13	02	00	08	02	02
Min	6	2	.2	.8	1.4	1.8	2.3	5.0
Count	24	24	24	24	24	24	24	24
Total								