Current Time: 8:04 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/12/2014

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	5.9	6.2	6.2	.4	.3	2.5	5.3	79.9	5.7
01:00	4.8	6.0	5.9	1.2	1.1	2.2	5.0	83.9	5.6
02:00	4.5	5.1	5.2	.6	.7	2.2	4.8	85.7	5.6
03:00	3.1	4.3	4.7	1.2	1.6	2.0	4.6	93.5	5.6
04:00	2.1	3.4	3.8	1.3	1.7	1.6	4.3	96.9	5.4
05:00	.9	2.0	3.2	1.1	2.3	.4	4.1	97.1	5.0
06:00	.3	1.6	2.2	1.3	1.9	-.2	3.8	97.2	4.8
07:00	-.4	1.5	1.8	1.9	2.2	-.9	3.5	97.2	4.6
08:00	.5	2.3	2.2	1.8	1.7	.0	3.4	97.3	4.9
09:00	3.4	4.0	3.8	.7	.4	1.7	3.2	90.1	5.4
10:00	6.4	6.3	5.2	-.2	-1.2	1.8	3.2	73.0	5.4
11:00	8.1	7.7	6.8	-.3	-1.3	1.4	3.6	63.4	5.2
12:00	9.4	9.1	8.2	-.3	-1.2	.1	4.0	52.8	4.8
13:00	10.7	10.4	9.4	-.3	-1.3	-.8	4.3	45.4	4.4
14:00	11.6	11.3	10.1	-.3	-1.5	-2.0	4.8	39.3	4.1
15:00	12.3	11.9	10.7	-.4	-1.6	-2.1	5.4	37.2	4.0
16:00	12.5	12.2	11.1	-.3	-1.4	-2.3	5.9	36.1	4.0
17:00	11.5	11.7	11.1	.2	-.4	-1.3	6.0	41.7	4.3
18:00	8.6	10.1	10.6	1.5	2.0	.0	5.9	55.5	4.7
19:00	6.5	8.5	8.9	1.9	2.4	.5	5.6	65.9	4.9
20:00	4.9	6.8	8.3	1.9	3.4	1.0	5.3	76.5	5.1
21:00	3.6	5.5	7.8	1.9	4.2	.8	5.0	82.7	5.1
22:00	2.7	4.8	7.2	2.1	4.5	.9	4.7	88.2	5.1
23:00	1.6	3.3	6.8	1.7	5.2	.5	4.4	93.1	5.0
Avg	5.6	6.5	6.7	.9	1.1	.4	4.6	73.7	4.9
Max	12.5	12.2	11.1	2.1	5.2	2.5	6.0	97.3	5.7
Hr. of Max	16	16	17	22	23	00	17	08	00
Min	-.4	1.5	1.8	-.4	-1.6	-2.3	3.2	36.1	4.0
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	0.004687	7.3	.00	29.00	-2.4	257	262	277	11
01:00	0.004579	7.2	.00	29.01	-2.6	282	267	272	9
02:00	0.004555	7.1	.00	29.02	-2.7	262	231	223	5
03:00	0.004517	7.1	.00	29.03	-2.5	301	231	200	8
04:00	0.004361	6.8	.00	29.05	-2.2	34	261	234	10
05:00	0.004012	6.3	.00	29.05	-2.6	31	48	213	6
06:00	0.00384	6.0	.00	29.06	-2.9	257	272	189	5
07:00	0.00364	5.7	.00	29.09	-.8	250	256	238	5
08:00	0.003895	6.1	.00	29.12	35.1	234	244	242	5
09:00	0.004397	6.9	.00	29.15	236.1	218	241	250	9
10:00	0.004418	7.0	.00	29.17	415.1	194	207	224	14
11:00	0.004305	6.8	.00	29.17	528.4	181	190	201	19
12:00	0.003936	6.2	.00	29.14	583.8	195	200	198	19
13:00	0.003679	5.8	.00	29.13	571.2	216	224	219	20
14:00	0.003388	5.3	.00	29.12	485.8	224	226	217	20
15:00	0.003361	5.3	.00	29.12	304.3	181	185	185	24
16:00	0.003306	5.2	.00	29.12	184.3	192	200	200	19
17:00	0.003553	5.6	.00	29.13	24.5	235	208	203	14
18:00	0.003895	6.1	.00	29.13	-1.6	355	209	194	14
19:00	0.004033	6.4	.00	29.13	-2.2	54	8	195	12
20:00	0.00419	6.6	.00	29.13	-2.3	3	343	205	10
21:00	0.004126	6.5	.00	29.13	-2.5	306	348	222	8
22:00	0.004131	6.5	.00	29.13	-2.4	68	20	232	8
23:00	0.004033	6.4	.00	29.13	-2.4	30	155	220	10
Avg	0.004035	6.3	.00	29.10	139.0	252	237	218	12
Max	0.004687	7.3	.00	29.17	583.8	355	348	277	24
Hr. of Max	00	00	23	11	12	18	21	00	15
Min	0.003306	5.2	.00	29.00	-2.9	3	8	185	5
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	7	2.8	5.1	9.4	7.3	14.0	16.9
01:00	7	5	1.7	3.8	8.2	4.6	8.7	19.7
02:00	5	4	1.8	3.5	7.9	4.8	6.2	15.3
03:00	12	5	1.1	2.2	7.3	2.5	6.0	19.2
04:00	9	3	.4	.8	4.4	2.5	3.9	11.0
05:00	10	12	.4	1.1	2.4	1.8	3.0	8.2
06:00	6	8	1.0	1.3	3.6	2.5	2.3	6.0
07:00	4	4	2.3	2.5	6.9	3.7	4.8	9.8
08:00	3	1	3.3	4.4	9.7	5.3	6.4	17.2
09:00	8	5	3.3	4.4	8.2	6.6	8.7	19.7
10:00	12	9	4.7	5.5	6.7	8.7	10.1	14.4
11:00	17	14	4.3	4.8	5.8	10.5	10.3	12.1
12:00	20	16	4.5	5.0	5.7	12.1	12.1	14.9
13:00	16	11	5.3	6.3	7.7	17.6	16.9	14.0
14:00	18	11	5.1	6.0	7.6	17.9	16.5	17.4
15:00	23	13	3.9	4.7	6.5	12.8	11.7	13.3
16:00	16	13	4.0	5.0	6.8	12.4	17.6	18.8
17:00	10	5	2.3	4.3	7.9	8.2	10.3	17.6
18:00	18	3	1.1	1.3	8.5	3.0	5.0	15.1
19:00	13	3	.6	1.0	7.3	3.0	3.7	15.3
20:00	10	4	.2	.2	8.3	1.1	2.1	19.0
21:00	7	3	.3	.7	8.2	1.8	2.3	18.1
22:00	5	4	.2	.2	7.5	1.6	2.1	17.2
23:00	9	2	.2	.2	9.2	2.1	3.0	18.3
Avg	11	7	2.3	3.1	7.2	6.4	7.8	15.4
Max	23	16	5.3	6.3	9.7	17.9	17.6	19.7
Hr. of Max	15	12	13	13	08	14	16	09
Min	3	1	.2	.2	2.4	1.1	2.1	6.0
Count	24	24	24	24	24	24	24	24
Total								