Current Time: 7:21 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/24/2014

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	-10.6	-10.8	-11.4	-.2	-.8	-19.5	1.1	48.4	1.1
01:00	-11.8	-11.9	-12.5	-.2	-.7	-19.7	1.1	52.2	1.1
02:00	-12.8	-12.8	-13.3	.0	-.5	-19.4	1.0	57.9	1.1
03:00	-13.8	-13.6	-13.8	.2	.0	-18.8	1.0	66.3	1.2
04:00	-14.8	-14.4	-14.5	.5	.3	-18.4	1.0	74.7	1.2
05:00	-15.7	-14.8	-14.7	.9	1.0	-18.5	.9	79.1	1.2
06:00	-16.3	-15.3	-15.1	1.0	1.2	-18.5	.9	83.0	1.2
07:00	-16.7	-15.7	-15.5	1.0	1.2	-18.7	.9	84.9	1.2
08:00	-15.8	-15.2	-15.3	.6	.5	-18.8	.8	77.8	1.2
09:00	-13.1	-13.3	-13.9	-.2	-.8	-19.4	.8	60.0	1.1
10:00	-11.7	-11.9	-12.8	-.1	-1.1	-19.7	.8	52.1	1.1
11:00	-9.9	-10.2	-11.1	-.3	-1.2	-18.7	.7	48.9	1.2
12:00	-7.9	-8.4	-9.2	-.4	-1.3	-19.2	.7	40.5	1.1
13:00	-6.6	-6.8	-8.1	-.2	-1.5	-19.7	.7	35.1	1.1
14:00	-5.2	-5.4	-6.7	-.3	-1.5	-20.8	.7	28.7	1.0
15:00	-4.4	-4.6	-5.7	-.3	-1.3	-20.9	.7	26.7	.9
16:00	-3.8	-4.0	-5.0	-.3	-1.2	-20.8	.7	25.8	1.0
17:00	-3.8	-4.0	-4.6	-.2	-.8	-19.7	.7	28.5	1.1
18:00	-5.8	-4.9	-5.0	1.0	.8	-18.5	.7	36.4	1.2
19:00	-6.8	-5.5	-5.3	1.3	1.5	-18.7	.7	38.7	1.2
20:00	-7.1	-6.3	-5.7	.8	1.4	-18.4	.8	40.5	1.2
21:00	-7.5	-6.2	-6.1	1.3	1.4	-19.1	.8	39.4	1.1
22:00	-7.7	-6.5	-6.3	1.1	1.4	-18.8	.7	40.8	1.1
23:00	-6.9	-6.6	-6.4	.3	.5	-18.7	.7	39.0	1.1
Avg	-9.9	-9.5	-9.9	.3	-.1	-19.2	.8	50.2	1.1
Max	-3.8	-4.0	-4.6	1.3	1.5	-18.4	1.1	84.9	1.2
Hr. of Max	17	17	17	21	19	20	01	07	20
Min	-16.7	-15.7	-15.5	-.4	-1.5	-20.9	.7	25.8	.9
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	0.000816	1.3	.00	29.57	-3.5	312	323	325	25
01:00	0.000803	1.3	.00	29.59	-3.6	305	318	321	26
02:00	0.00082	1.3	.00	29.61	-3.8	272	283	297	24
03:00	0.000863	1.4	.00	29.62	-3.8	270	279	290	8
04:00	0.000892	1.4	.00	29.62	-3.8	291	246	301	8
05:00	0.000882	1.4	.00	29.60	-3.8	319	357	25	5
06:00	0.000882	1.4	.00	29.59	-3.8	292	18	60	9
07:00	0.000868	1.4	.00	29.58	-.5	270	272	78	5
08:00	0.000858	1.4	.00	29.58	34.1	230	249	96	8
09:00	0.000823	1.3	.00	29.59	315.6	199	218	179	22
10:00	0.000802	1.3	.00	29.60	450.5	232	231	225	21
11:00	0.000871	1.4	.00	29.58	564.4	230	231	222	25
12:00	0.000845	1.4	.00	29.53	634.8	177	184	191	32
13:00	0.000812	1.3	.00	29.48	634.1	230	235	233	27
14:00	0.000743	1.2	.00	29.43	548.8	241	248	238	26
15:00	0.000735	1.2	.00	29.39	357.0	248	251	240	19
16:00	0.000744	1.2	.00	29.37	235.3	236	238	230	17
17:00	0.000818	1.3	.00	29.34	46.8	244	243	233	15
18:00	0.000901	1.4	.00	29.31	-2.1	270	255	226	5
19:00	0.000888	1.4	.00	29.30	-3.0	239	238	229	6
20:00	0.000912	1.5	.00	29.26	-3.1	264	243	219	9
21:00	0.000857	1.4	.00	29.23	-3.1	227	252	242	8
22:00	0.00088	1.4	.00	29.23	-3.3	232	244	236	7
23:00	0.00089	1.4	.00	29.20	-3.5	246	244	223	14
Avg	0.000842	1.4	.00	29.47	157.4	253	256	242	15
Max	0.000912	1.5	.00	29.62	634.8	319	357	325	32
Hr. of Max	20	20	23	04	12	05	05	00	12
Min	0.000735	1.2	.00	29.20	-3.8	177	18	25	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	25	18	2.1	2.6	5.3	10.1	14.0	15.1
01:00	23	9	3.2	4.2	9.2	10.8	9.8	16.7
02:00	20	11	2.0	3.0	6.0	6.0	7.1	10.8
03:00	8	4	2.1	3.5	7.1	5.0	7.8	14.4
04:00	6	4	1.0	1.5	4.7	3.2	4.6	12.6
05:00	10	12	1.0	1.3	1.6	2.7	3.1	3.9
06:00	6	5	.8	1.2	2.2	2.5	2.8	4.1
07:00	5	6	1.2	1.3	1.6	2.5	3.2	4.4
08:00	5	5	1.9	1.8	1.6	4.6	4.1	6.4
09:00	21	22	2.0	1.8	1.7	5.7	6.4	8.2
10:00	19	15	4.4	4.9	5.5	11.2	13.5	11.4
11:00	23	21	4.0	4.5	5.4	13.5	13.3	15.1
12:00	26	22	4.0	4.3	4.9	11.2	12.4	12.4
13:00	24	19	4.4	4.5	5.8	12.4	12.6	13.3
14:00	21	22	4.2	4.6	5.1	11.4	11.7	11.0
15:00	17	13	5.1	5.8	7.0	18.3	16.7	19.0
16:00	13	9	5.5	6.9	8.4	12.6	15.6	17.2
17:00	14	8	4.1	5.3	7.5	11.9	12.8	16.9
18:00	5	3	1.4	2.8	6.9	2.7	5.0	12.4
19:00	3	3	2.3	4.0	9.3	4.6	7.1	15.3
20:00	6	4	2.7	4.8	10.9	6.6	12.6	22.4
21:00	7	4	2.6	4.9	12.4	7.1	12.8	24.0
22:00	5	3	3.3	6.6	14.0	6.2	10.1	26.1
23:00	9	4	4.5	8.4	17.1	10.3	15.1	33.0
Avg	13	10	2.9	3.9	6.7	8.0	9.8	14.4
Max	26	22	5.5	8.4	17.1	18.3	16.7	33.0
Hr. of Max	12	14	16	23	23	15	15	23
Min	3	3	.8	1.2	1.6	2.5	2.8	3.9
Count	24	24	24	24	24	24	24	24
Total								