Current Time: 7:32 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/11/2013

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	-3.6	-2.7	-2.2	.9	1.4	-4.1	4.9	96.9	3.6
01:00	-3.9	-3.1	-2.6	.8	1.3	-4.4	4.7	96.9	3.6
02:00	-4.2	-3.4	-3.0	.8	1.2	-4.7	4.5	96.9	3.5
03:00	-4.5	-3.9	-3.5	.7	1.0	-5.0	4.4	96.8	3.4
04:00	-4.3	-3.8	-3.4	.5	.9	-4.8	4.3	96.8	3.4
05:00	-4.1	-3.7	-3.5	.4	.6	-4.6	4.1	96.8	3.5
06:00	-5.4	-4.1	-3.8	1.3	1.6	-5.9	4.0	96.7	3.2
07:00	-5.5	-4.7	-4.1	.8	1.4	-6.0	3.9	96.7	3.2
08:00	-5.0	-4.7	-4.1	.3	.9	-5.4	3.8	96.8	3.3
09:00	-2.6	-2.9	-3.3	-.3	-.7	-3.2	3.7	96.8	3.9
10:00	-.3	-.6	-1.3	-.3	-1.0	-1.9	3.7	89.6	4.2
11:00	2.3	1.8	.8	-.5	-1.5	-4.2	3.8	63.7	3.6
12:00	3.9	3.6	2.5	-.3	-1.4	-5.6	4.1	50.7	3.2
13:00	5.6	5.3	4.2	-.2	-1.4	-5.7	4.3	44.6	3.1
14:00	6.9	6.7	5.6	-.2	-1.3	-5.8	4.8	40.5	3.1
15:00	7.6	7.4	6.4	-.2	-1.2	-5.5	5.4	39.5	3.2
16:00	6.9	7.1	6.8	.2	-.1	-3.7	5.8	47.2	3.6
17:00	5.3	6.5	6.7	1.2	1.4	-2.3	5.8	58.5	4.0
18:00	3.4	5.5	5.9	2.1	2.5	-1.7	5.6	70.0	4.3
19:00	3.3	5.4	5.3	2.1	2.0	-2.5	5.4	67.2	4.0
20:00	3.8	4.5	4.6	.7	.8	-5.3	5.1	52.0	3.2
21:00	3.1	3.9	4.0	.8	.9	-5.4	4.9	54.0	3.2
22:00	2.1	3.0	3.2	.9	1.1	-4.7	4.6	61.3	3.4
23:00	1.5	2.0	2.2	.5	.7	-4.1	4.4	66.6	3.6
Avg	.5	1.0	1.0	.5	.5	-4.4	4.6	73.9	3.5
Max	7.6	7.4	6.8	2.1	2.5	-1.7	5.8	96.9	4.3
Hr. of Max	15	15	16	19	18	18	17	02	18
Min	-5.5	-4.7	-4.1	-.5	-1.5	-6.0	3.7	39.5	3.1
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	0.002832	4.5	.00	29.36	-3.6	252	261	42	3
01:00	0.002779	4.4	.00	29.37	-3.8	274	238	292	5
02:00	0.002699	4.3	.00	29.39	-3.9	288	312	327	5
03:00	0.002634	4.2	.00	29.41	-3.8	305	158	353	5
04:00	0.00268	4.3	.00	29.40	-3.4	22	62	49	7
05:00	0.002728	4.3	.00	29.39	-3.6	35	55	81	7
06:00	0.00246	3.9	.00	29.40	-3.9	264	318	46	5
07:00	0.002445	3.9	.00	29.42	-.1	278	280	80	5
08:00	0.002554	4.1	.00	29.43	78.0	146	45	65	14
09:00	0.003038	4.8	.00	29.44	279.2	130	140	347	12
10:00	0.00333	5.3	.00	29.44	398.4	142	149	352	23
11:00	0.002847	4.5	.00	29.42	566.3	142	150	146	20
12:00	0.002549	4.1	.00	29.39	563.2	187	198	199	24
13:00	0.002531	4.0	.00	29.37	536.1	233	224	222	28
14:00	0.002523	4.0	.00	29.35	434.5	234	235	239	19
15:00	0.002574	4.1	.00	29.34	168.3	220	225	224	15
16:00	0.002939	4.7	.00	29.34	83.0	243	257	251	11
17:00	0.003254	5.2	.00	29.35	3.2	283	275	265	8
18:00	0.003413	5.4	.00	29.36	-2.4	277	239	252	7
19:00	0.003226	5.1	.00	29.38	-2.4	270	292	291	11
20:00	0.002603	4.1	.00	29.39	-3.2	249	256	286	15
21:00	0.002575	4.1	.00	29.39	-3.1	262	269	286	13
22:00	0.002713	4.3	.00	29.40	-3.0	265	269	293	21
23:00	0.002843	4.5	.00	29.40	-3.0	282	290	305	16
Avg	0.002782	4.4	.00	29.39	127.8	252	249	305	12
Max	0.003413	5.4	.00	29.44	566.3	305	318	353	28
Hr. of Max	18	18	23	10	11	03	06	03	13
Min	0.002445	3.9	.00	29.34	-3.9	22	45	42	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	6	4	1.6	1.8	3.0	3.2	3.2	5.3
01:00	2	4	1.3	2.0	2.7	3.9	3.9	5.3
02:00	12	5	.8	1.1	3.0	3.4	3.7	7.8
03:00	9	10	1.1	1.4	5.6	3.9	4.1	12.1
04:00	4	2	.8	1.5	5.6	3.2	7.6	10.8
05:00	5	3	.9	2.5	7.0	2.7	4.6	10.3
06:00	9	2	1.3	1.6	3.5	2.5	3.7	10.8
07:00	12	3	1.1	1.2	1.2	3.4	3.2	6.6
08:00	7	5	.3	.7	1.9	2.1	1.8	4.8
09:00	17	15	1.3	1.7	2.9	3.2	3.0	5.5
10:00	27	19	1.4	1.4	1.4	3.9	3.4	7.1
11:00	21	25	2.3	2.5	2.7	5.5	4.6	5.0
12:00	21	20	2.5	2.5	2.9	8.9	6.9	8.7
13:00	28	30	2.4	2.2	2.6	7.6	7.6	7.3
14:00	16	18	4.1	4.7	4.9	9.8	9.8	9.4
15:00	13	7	4.1	5.5	7.4	10.1	11.0	11.7
16:00	10	5	2.0	3.4	6.2	7.8	10.8	14.0
17:00	9	3	1.4	2.6	7.9	3.9	8.5	11.7
18:00	6	3	1.4	3.0	9.7	4.6	5.5	18.8
19:00	12	7	2.1	3.6	10.5	9.8	13.5	18.1
20:00	14	10	2.2	4.0	8.6	7.8	8.7	19.0
21:00	13	8	2.2	3.8	8.9	7.1	11.0	16.9
22:00	18	9	1.7	3.2	8.5	5.0	7.6	14.4
23:00	11	7	3.7	5.6	10.9	8.9	12.4	17.6
Avg	13	9	1.8	2.6	5.4	5.5	6.7	10.8
Max	28	30	4.1	5.6	10.9	10.1	13.5	19.0
Hr. of Max	13	13	15	23	23	15	19	20
Min	2	2	.3	.7	1.2	2.1	1.8	4.8
Count	24	24	24	24	24	24	24	24
Total								