Current Time: 7:17 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/18/2014

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	-3.6	-3.8	-4.2	-.2	-.6	-12.5	2.5	50.4	1.9
01:00	-3.7	-4.0	-4.3	-.2	-.6	-12.1	2.5	52.7	2.0
02:00	-3.8	-4.1	-4.5	-.2	-.7	-11.9	2.4	54.1	2.0
03:00	-4.2	-4.5	-4.8	-.2	-.6	-11.0	2.3	59.6	2.1
04:00	-4.6	-4.8	-5.1	-.2	-.5	-10.5	2.3	63.6	2.2
05:00	-4.5	-4.7	-5.1	-.2	-.6	-11.3	2.2	59.4	2.1
06:00	-5.0	-5.2	-5.5	-.2	-.5	-11.6	2.2	60.3	2.0
07:00	-5.6	-5.7	-6.1	-.1	-.5	-11.1	2.1	65.7	2.1
08:00	-5.7	-5.7	-6.1	.0	-.4	-11.6	2.1	63.6	2.0
09:00	-4.6	-4.8	-5.5	-.2	-.9	-12.9	2.0	52.6	1.8
10:00	-3.6	-3.9	-4.6	-.3	-1.0	-13.2	1.9	47.5	1.8
11:00	-2.4	-2.7	-3.6	-.3	-1.2	-12.6	1.9	46.0	1.9
12:00	-1.2	-1.6	-2.4	-.3	-1.2	-12.7	1.9	41.9	1.9
13:00	.0	-.3	-1.2	-.3	-1.2	-12.8	1.9	37.8	1.8
14:00	1.2	.9	-.2	-.3	-1.4	-13.2	2.0	33.9	1.8
15:00	2.2	1.9	.8	-.4	-1.4	-12.8	2.2	32.3	1.8
16:00	2.8	2.5	1.7	-.3	-1.1	-12.6	2.4	31.6	1.8
17:00	2.8	2.6	2.0	-.2	-.8	-12.1	2.5	33.0	1.9
18:00	2.8	2.7	2.0	-.1	-.8	-11.8	2.4	33.6	2.0
19:00	3.3	3.2	2.6	-.1	-.7	-11.8	2.4	32.5	2.0
20:00	3.5	3.4	2.8	-.1	-.7	-12.1	2.3	31.4	1.9
21:00	3.5	3.4	2.9	-.1	-.6	-12.0	2.3	31.7	1.9
22:00	3.3	3.3	3.0	.0	-.3	-11.6	2.2	33.0	2.0
23:00	3.0	3.4	3.1	.4	.1	-11.4	2.2	34.3	2.0
Avg	-1.0	-1.2	-1.8	-.2	-.8	-12.1	2.2	45.1	1.9
Max	3.5	3.4	3.1	.4	.1	-10.5	2.5	65.7	2.2
Hr. of Max	21	23	23	23	23	04	17	07	04
Min	-5.7	-5.7	-6.1	-.4	-1.4	-13.2	1.9	31.4	1.8
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	0.00149	2.4	.00	29.10	-2.7	261	265	268	18
01:00	0.00154	2.4	.00	29.10	-3.1	261	272	269	20
02:00	0.001568	2.5	.00	29.11	-3.0	272	278	279	16
03:00	0.001679	2.7	.00	29.12	-3.0	281	284	285	17
04:00	0.001741	2.8	.00	29.12	-3.4	262	271	272	16
05:00	0.001638	2.6	.00	29.12	-3.2	254	259	259	16
06:00	0.0016	2.5	.00	29.13	-3.2	239	243	246	17
07:00	0.00166	2.6	.00	29.13	-.9	249	249	254	16
08:00	0.001595	2.5	.00	29.15	33.2	234	242	248	13
09:00	0.00144	2.3	.00	29.17	260.7	243	251	252	21
10:00	0.0014	2.2	.00	29.18	431.2	245	254	249	24
11:00	0.001482	2.3	.00	29.17	546.5	217	224	229	18
12:00	0.001474	2.3	.00	29.14	608.5	234	235	229	20
13:00	0.001459	2.3	.00	29.09	599.4	222	226	220	19
14:00	0.001425	2.2	.00	29.06	489.2	223	223	211	21
15:00	0.001468	2.3	.00	29.03	314.4	204	207	198	23
16:00	0.001491	2.3	.00	29.01	170.1	204	208	198	20
17:00	0.001562	2.5	.00	28.99	31.5	209	210	200	19
18:00	0.00159	2.5	.00	28.97	-2.7	222	224	213	18
19:00	0.001592	2.5	.00	28.98	-2.8	236	236	225	18
20:00	0.001562	2.5	.00	28.98	-2.5	244	240	226	20
21:00	0.001578	2.5	.00	28.98	-2.6	247	243	228	16
22:00	0.001617	2.5	.00	28.98	-3.1	255	257	238	13
23:00	0.001654	2.6	.00	28.97	-2.4	271	260	236	14
Avg	0.001554	2.5	.00	29.07	143.6	241	244	239	18
Max	0.001741	2.8	.00	29.18	608.5	281	284	285	24
Hr. of Max	04	04	23	10	12	03	03	03	10
Min	0.0014	2.2	.00	28.97	-3.4	204	207	198	13
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	15	10	4.0	5.1	8.2	10.3	23.4	17.2
01:00	18	11	3.6	4.4	7.2	11.2	15.1	16.3
02:00	16	11	3.7	4.5	7.4	11.2	13.7	14.4
03:00	17	11	3.5	4.4	7.3	9.4	11.0	14.2
04:00	12	9	2.3	3.5	6.7	7.8	10.1	12.1
05:00	14	9	3.6	4.8	8.1	10.5	11.7	14.4
06:00	13	8	4.0	6.1	10.4	9.8	15.6	21.5
07:00	10	8	2.9	4.7	8.3	11.9	13.5	18.3
08:00	11	7	4.0	6.1	9.9	12.1	14.0	18.8
09:00	17	12	6.2	7.3	9.1	22.2	22.7	19.0
10:00	22	17	5.5	6.6	8.4	15.6	15.6	18.1
11:00	16	12	7.3	8.3	10.6	19.9	21.5	23.1
12:00	17	11	7.2	9.0	11.0	16.5	19.2	26.8
13:00	18	11	6.9	7.9	10.4	15.6	18.5	18.8
14:00	17	13	6.3	7.5	9.7	16.5	18.3	18.1
15:00	20	13	6.4	7.8	11.0	15.8	25.6	30.9
16:00	17	13	6.1	7.8	11.0	16.5	18.5	20.2
17:00	15	10	6.0	7.9	12.6	16.3	18.8	24.3
18:00	15	9	4.9	7.1	12.6	16.3	19.9	24.5
19:00	14	8	6.5	9.5	16.0	19.7	25.4	27.5
20:00	15	9	6.4	9.0	15.1	16.9	25.2	38.5
21:00	13	8	4.5	6.8	11.9	11.2	16.5	32.5
22:00	10	6	2.4	4.1	8.8	6.0	17.9	21.1
23:00	11	5	2.1	3.8	9.1	7.8	9.4	22.4
Avg	15	10	4.8	6.4	10.0	13.6	17.5	21.4
Max	22	17	7.3	9.5	16.0	22.2	25.6	38.5
Hr. of Max	10	10	11	19	19	09	15	20
Min	10	5	2.1	3.5	6.7	6.0	9.4	12.1
Count	24	24	24	24	24	24	24	24
Total								