Current Time: 8:32 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/19/2013

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	-1.5	-.5	2.4	.9	3.9	-4.6	3.5	79.9	3.5
01:00	-1.9	-1.0	1.7	.9	3.6	-4.5	3.4	82.4	3.5
02:00	-2.2	-1.2	1.7	.9	3.9	-4.5	3.2	84.4	3.5
03:00	-2.4	-1.5	1.1	.8	3.5	-4.4	3.1	86.5	3.5
04:00	-2.6	-1.6	1.1	1.0	3.7	-4.2	3.0	88.9	3.6
05:00	-3.1	-2.1	1.1	1.0	4.2	-4.3	2.9	91.6	3.6
06:00	-3.3	-2.4	.6	1.0	3.9	-4.2	2.9	94.5	3.6
07:00	-3.5	-2.6	.5	.9	4.0	-4.1	2.8	96.0	3.6
08:00	-2.8	-2.1	.4	.7	3.2	-4.7	2.7	87.9	3.5
09:00	.1	.1	.9	.0	.8	-3.9	2.7	75.0	3.7
10:00	4.3	4.0	2.9	-.3	-1.4	-4.3	2.7	54.4	3.5
11:00	7.8	7.6	6.1	-.2	-1.7	-5.3	3.0	39.6	3.2
12:00	10.5	10.4	8.7	-.1	-1.8	-5.6	3.4	32.3	3.1
13:00	11.9	11.7	10.5	-.2	-1.4	-5.4	3.7	30.1	3.2
14:00	14.1	14.0	12.8	-.1	-1.3	-6.0	4.2	25.0	3.0
15:00	14.8	14.6	13.8	-.1	-1.0	-6.2	4.9	23.5	3.0
16:00	14.7	14.7	13.7	-.1	-1.0	-5.4	5.3	25.0	3.2
17:00	12.4	13.6	13.1	1.2	.7	-4.6	5.4	30.8	3.3
18:00	9.3	11.8	12.1	2.5	2.8	-3.5	5.3	41.1	3.7
19:00	7.6	10.4	11.1	2.9	3.5	-2.8	5.1	48.2	3.9
20:00	6.9	10.0	10.6	3.1	3.7	-2.7	4.9	50.7	3.9
21:00	5.9	8.2	9.8	2.3	3.9	-1.6	4.8	59.2	4.2
22:00	5.3	7.2	9.4	1.9	4.1	-1.1	4.6	63.8	4.4
23:00	4.5	6.9	8.9	2.4	4.4	-2.0	4.5	63.1	4.1
Avg	4.5	5.4	6.5	1.0	2.0	-4.2	3.8	60.6	3.6
Max	14.8	14.7	13.8	3.1	4.4	-1.1	5.4	96.0	4.4
Hr. of Max	15	16	15	20	23	22	17	07	22
Min	-3.5	-2.6	.4	-.3	-1.8	-6.2	2.7	23.5	3.0
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	0.002746	4.4	.00	29.27	-2.9	9	300	230	12
01:00	0.002751	4.4	.00	29.27	-2.9	264	237	255	8
02:00	0.002757	4.4	.00	29.27	-2.9	291	214	268	19
03:00	0.002786	4.4	.00	29.27	-2.9	23	35	231	8
04:00	0.002815	4.5	.00	29.27	-3.0	7	58	243	15
05:00	0.002802	4.4	.00	29.28	-3.2	304	98	264	9
06:00	0.002829	4.5	.00	29.28	-3.4	343	79	215	8
07:00	0.002842	4.5	.00	29.29	.0	340	54	145	18
08:00	0.002723	4.3	.00	29.29	65.1	64	40	137	6
09:00	0.0029	4.6	.00	29.31	269.2	155	146	67	12
10:00	0.002811	4.5	.00	29.31	399.9	155	165	202	21
11:00	0.002625	4.2	.00	29.30	502.1	209	216	228	20
12:00	0.002577	4.1	.00	29.27	543.3	234	238	235	20
13:00	0.002632	4.2	.00	29.23	475.2	229	245	264	21
14:00	0.00253	4.0	.00	29.21	363.4	247	255	241	21
15:00	0.002493	3.9	.00	29.20	211.5	237	238	222	14
16:00	0.002645	4.2	.00	29.20	119.9	220	219	207	13
17:00	0.002788	4.4	.00	29.19	3.4	280	241	222	7
18:00	0.003024	4.8	.00	29.19	-1.8	274	240	228	8
19:00	0.003162	5.0	.00	29.18	-2.1	84	232	228	7
20:00	0.003183	5.0	.00	29.18	-2.2	342	267	240	11
21:00	0.003457	5.5	.00	29.17	-2.2	80	78	257	13
22:00	0.003581	5.7	.00	29.17	-2.4	270	37	267	15
23:00	0.003341	5.3	.00	29.17	-2.3	255	232	265	19
Avg	0.002867	4.6	.00	29.24	121.6	282	222	232	14
Max	0.003581	5.7	.00	29.31	543.3	343	300	268	21
Hr. of Max	22	22	23	10	12	06	00	02	14
Min	0.002493	3.9	.00	29.17	-3.4	7	35	67	6
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	10	1	.3	.7	3.3	1.8	1.8	6.0
01:00	6	3	.4	.8	4.8	1.8	2.5	8.0
02:00	14	6	.7	1.0	6.1	3.7	3.9	14.4
03:00	6	4	.5	.9	1.8	1.4	1.8	6.6
04:00	5	6	.4	.8	2.0	1.8	2.3	4.8
05:00	12	8	.3	.7	1.5	1.6	1.0	2.1
06:00	7	6	.5	.8	1.3	1.6	2.0	3.0
07:00	12	8	.6	1.0	2.9	3.4	3.2	6.0
08:00	4	4	.2	.6	1.3	2.1	3.2	3.2
09:00	15	7	.7	1.0	1.4	2.5	2.3	2.5
10:00	23	11	1.7	1.2	3.0	5.3	6.2	9.8
11:00	19	16	3.8	4.4	5.9	9.4	9.8	13.3
12:00	17	11	4.9	5.9	7.2	13.3	16.5	14.9
13:00	25	18	3.2	3.1	3.8	9.6	8.9	11.2
14:00	19	15	3.9	4.5	5.9	13.3	14.9	13.5
15:00	14	8	4.0	5.1	7.0	11.9	14.4	22.2
16:00	13	8	2.9	4.2	6.8	8.2	9.4	11.9
17:00	4	6	2.0	3.4	5.2	4.4	6.6	12.6
18:00	5	4	1.0	2.1	7.9	3.0	6.2	11.7
19:00	8	4	.2	1.1	9.1	1.8	3.4	18.5
20:00	10	5	1.3	1.9	9.4	3.0	5.3	19.7
21:00	14	5	1.6	1.2	6.0	4.1	6.2	17.4
22:00	20	5	.8	1.2	4.9	3.7	3.0	13.1
23:00	11	6	1.9	3.7	10.6	5.5	7.3	17.2
Avg	12	7	1.6	2.1	5.0	4.9	5.9	11.0
Max	25	18	4.9	5.9	10.6	13.3	16.5	22.2
Hr. of Max	13	13	12	12	23	14	12	15
Min	4	1	.2	.6	1.3	1.4	1.0	2.1
Count	24	24	24	24	24	24	24	24
Total								