Current Time: 6:33 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/15/2014

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	6.1	6.8	6.7	.7	.7	1.2	5.2	71.1	5.2
01:00	6.1	6.1	5.9	-.1	-.2	1.9	5.1	75.0	5.5
02:00	5.4	5.2	4.9	-.2	-.5	1.0	5.0	73.8	5.1
03:00	4.8	4.7	4.4	-.1	-.4	-.5	4.9	69.3	4.6
04:00	4.5	4.6	4.2	.0	-.3	-1.0	4.8	67.8	4.4
05:00	4.3	4.4	4.0	.1	-.3	-1.0	4.8	68.9	4.4
06:00	4.0	4.0	3.6	.0	-.4	-.6	4.7	72.9	4.6
07:00	3.5	3.6	3.1	.1	-.4	.0	4.6	78.6	4.8
08:00	3.1	3.2	2.5	.1	-.7	.4	4.6	83.1	5.0
09:00	3.7	3.5	2.9	-.2	-.8	-.6	4.5	74.4	4.6
10:00	4.6	4.4	3.6	-.2	-1.0	-2.7	4.6	60.2	4.0
11:00	4.8	4.6	3.7	-.2	-1.1	-6.7	4.8	43.7	2.9
12:00	4.3	4.1	3.0	-.2	-1.3	-5.3	5.1	50.1	3.2
13:00	4.5	4.2	3.3	-.3	-1.2	-6.6	5.3	45.0	2.9
14:00	5.0	4.8	3.9	-.2	-1.1	-10.0	5.6	33.4	2.3
15:00	4.3	4.0	3.3	-.3	-1.0	-9.2	5.9	37.4	2.4
16:00	3.4	3.1	2.2	-.3	-1.2	-9.0	6.0	40.2	2.4
17:00	1.7	1.5	1.1	-.2	-.6	-9.0	5.8	45.6	2.5
18:00	.8	.7	.2	-.2	-.6	-9.1	5.5	47.7	2.4
19:00	-.2	-.3	-.7	.0	-.5	-8.9	5.1	52.3	2.5
20:00	-.9	-1.0	-1.3	.0	-.4	-8.7	4.6	56.2	2.5
21:00	-1.3	-1.4	-1.8	-.1	-.5	-8.7	4.3	57.5	2.5
22:00	-2.2	-2.0	-2.3	.2	-.1	-8.5	4.0	62.0	2.6
23:00	-2.6	-2.5	-3.0	.0	-.4	-8.9	3.8	62.1	2.5
Avg	3.0	2.9	2.4	-.1	-.6	-4.6	4.9	59.5	3.6
Max	6.1	6.8	6.7	.7	.7	1.9	6.0	83.1	5.5
Hr. of Max	01	00	00	00	00	01	16	08	01
Min	-2.6	-2.5	-3.0	-.3	-1.3	-10.0	3.8	33.4	2.3
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	0.004253	6.7	.00	28.99	-2.8	252	260	259	13
01:00	0.004491	7.0	.00	28.99	-2.5	262	274	283	17
02:00	0.004201	6.6	.00	29.01	-2.3	269	280	288	20
03:00	0.003768	5.9	.00	29.02	-2.7	234	245	277	13
04:00	0.003623	5.7	.00	29.03	-2.9	246	257	277	10
05:00	0.003622	5.7	.00	29.04	-2.3	244	258	282	11
06:00	0.003738	5.9	.00	29.05	-2.5	263	269	277	8
07:00	0.003898	6.1	.00	29.06	-1.7	261	264	281	9
08:00	0.004019	6.3	.00	29.07	27.0	255	194	215	15
09:00	0.00374	5.9	.00	29.08	187.3	254	270	275	26
10:00	0.003217	5.1	.00	29.08	228.7	243	253	249	21
11:00	0.002377	3.7	.00	29.07	346.9	262	269	270	18
12:00	0.002636	4.2	.00	29.04	258.5	248	254	255	15
13:00	0.002395	3.8	.00	29.02	469.1	253	262	265	19
14:00	0.001847	2.9	.00	29.01	471.2	268	277	278	19
15:00	0.001961	3.1	.00	29.02	223.6	310	319	311	26
16:00	0.001983	3.1	.00	29.04	176.1	285	296	300	21
17:00	0.001985	3.1	.00	29.06	13.5	280	296	304	29
18:00	0.001958	3.1	.00	29.07	-2.6	262	275	290	18
19:00	0.001983	3.1	.00	29.09	-2.4	257	271	283	14
20:00	0.002022	3.2	.00	29.10	-2.8	249	262	279	12
21:00	0.002012	3.2	.00	29.11	-2.9	256	269	282	14
22:00	0.002038	3.2	.00	29.11	-2.5	294	297	299	12
23:00	0.001982	3.1	.00	29.11	-2.9	286	293	297	11
Avg	0.002906	4.6	.00	29.05	98.6	262	270	279	16
Max	0.004491	7.0	.00	29.11	471.2	310	319	311	29
Hr. of Max	01	01	23	23	14	15	15	15	17
Min	0.001847	2.9	.00	28.99	-2.9	234	194	215	8
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	5	4.4	7.3	13.4	11.9	15.3	24.5
01:00	15	8	5.6	7.9	13.4	16.9	20.6	29.3
02:00	18	12	7.4	9.4	14.8	25.4	32.5	37.1
03:00	13	11	2.9	4.1	6.7	12.1	11.2	25.6
04:00	9	7	2.5	3.9	6.8	4.6	9.2	12.1
05:00	10	7	2.2	3.5	6.5	5.7	11.0	12.1
06:00	8	5	2.5	3.9	7.0	5.3	7.3	11.7
07:00	10	9	1.9	3.1	5.7	4.6	8.7	12.1
08:00	9	18	1.1	1.9	2.0	3.2	4.4	6.4
09:00	23	17	1.4	1.6	3.0	3.7	6.0	7.3
10:00	22	20	3.3	3.7	4.5	9.4	9.2	10.5
11:00	18	14	6.0	6.9	8.2	14.9	17.6	16.3
12:00	13	7	7.6	9.3	11.9	17.4	16.9	18.5
13:00	16	12	7.4	9.1	11.0	16.9	16.9	18.5
14:00	20	12	6.9	8.3	10.6	16.0	19.5	27.0
15:00	27	19	5.3	6.8	9.7	18.1	19.5	22.7
16:00	20	15	7.8	9.5	14.0	19.5	23.8	26.6
17:00	28	17	4.8	5.7	10.8	14.9	22.9	34.6
18:00	16	11	3.8	5.0	9.0	10.1	21.1	18.1
19:00	13	8	3.5	5.0	9.1	9.2	10.8	14.2
20:00	11	7	3.7	5.2	9.5	8.7	13.1	16.5
21:00	12	7	3.2	4.8	8.5	8.0	9.2	13.7
22:00	11	5	1.7	3.0	7.6	4.8	6.4	10.5
23:00	10	4	2.4	3.9	8.9	6.4	8.9	18.8
Avg	15	11	4.1	5.5	8.9	11.2	14.3	18.5
Max	28	20	7.8	9.5	14.8	25.4	32.5	37.1
Hr. of Max	17	10	16	16	02	02	02	02
Min	8	4	1.1	1.6	2.0	3.2	4.4	6.4
Count	24	24	24	24	24	24	24	24
Total								