Current Time: 3:28 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/4/2014

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	3.9	3.7	3.3	-.1	-.6	1.4	5.1	84.3	5.3
01:00	3.7	3.6	3.1	-.1	-.6	1.3	5.0	85.2	5.3
02:00	3.0	3.1	2.8	.1	-.2	1.4	4.9	90.0	5.3
03:00	3.0	2.9	2.5	.0	-.4	1.3	4.7	89.2	5.3
04:00	3.1	3.0	2.5	-.1	-.6	1.1	4.5	87.4	5.2
05:00	3.2	3.1	2.5	-.2	-.7	1.0	4.4	86.0	5.2
06:00	3.3	3.1	2.5	-.2	-.8	1.1	4.3	86.4	5.2
07:00	3.1	3.0	2.5	-.2	-.7	1.1	4.2	86.8	5.2
08:00	3.4	3.1	2.6	-.3	-.8	1.2	4.2	85.8	5.2
09:00	4.1	3.7	3.0	-.4	-1.0	1.3	4.2	82.4	5.2
10:00	4.7	4.1	3.7	-.5	-1.0	1.1	4.3	78.1	5.2
11:00	5.8	5.3	4.7	-.5	-1.1	1.3	4.5	73.5	5.2
12:00	6.7	6.3	5.7	-.4	-1.0	1.8	4.9	71.7	5.4
13:00	7.8	7.4	6.9	-.4	-.9	2.1	5.2	67.6	5.5
14:00	8.8	8.5	7.8	-.4	-1.0	2.5	5.5	65.3	5.7
15:00	9.4	9.1	8.5	-.3	-.9	3.0	5.8	64.9	5.8
16:00	9.8	9.6	8.9	-.3	-.9	3.5	6.0	65.4	6.0
17:00	8.7	8.9	8.8	.2	.2	5.8	6.1	84.0	7.1
18:00	7.6	7.6	7.9	.0	.3	7.0	6.2	97.2	7.8
19:00	7.5	7.4	7.2	-.1	-.3	6.9	6.2	97.3	7.7
20:00	7.4	7.3	7.0	.0	-.4	6.8	6.1	97.2	7.6
21:00	7.3	7.2	6.9	-.1	-.4	6.7	6.1	97.0	7.6
22:00	6.9	6.7	6.5	-.2	-.4	6.4	6.1	97.2	7.4
23:00	7.2	7.0	6.8	-.1	-.4	6.6	6.0	97.4	7.6
Avg	5.8	5.6	5.2	-.2	-.6	3.1	5.2	84.1	6.0
Max	9.8	9.6	8.9	.2	.3	7.0	6.2	97.4	7.8
Hr. of Max	16	16	16	17	18	18	19	23	18
Min	3.0	2.9	2.5	-.5	-1.1	1.0	4.2	64.9	5.2
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	0.004271	6.7	.00	29.22	-2.5	61	62	48	20
01:00	0.004266	6.7	.00	29.22	-2.2	49	59	50	22
02:00	0.004283	6.8	.00	29.21	-2.1	37	59	54	19
03:00	0.004247	6.7	.00	29.21	-2.8	65	64	48	22
04:00	0.004204	6.6	.00	29.21	-2.5	64	64	51	22
05:00	0.004169	6.6	.00	29.22	-1.9	67	60	49	21
06:00	0.004197	6.6	.00	29.22	-2.2	72	62	49	23
07:00	0.004176	6.6	.00	29.23	1.0	58	56	55	26
08:00	0.004205	6.6	.00	29.24	65.5	67	63	55	22
09:00	0.004237	6.7	.00	29.24	158.3	57	52	52	31
10:00	0.004186	6.6	.00	29.23	384.9	82	80	70	15
11:00	0.004274	6.7	.00	29.19	462.3	79	73	63	19
12:00	0.004429	7.0	.00	29.15	139.2	88	84	71	15
13:00	0.00452	7.1	.00	29.10	319.8	89	83	68	15
14:00	0.004691	7.4	.00	29.06	215.0	87	86	76	14
15:00	0.00485	7.6	.00	29.04	160.4	85	82	72	11
16:00	0.005035	7.9	.00	29.01	77.1	75	74	66	19
17:00	0.005925	9.3	.02	29.00	4.9	341	9	34	23
18:00	0.006434	10.0	.00	28.99	-1.8	248	266	352	14
19:00	0.006383	10.0	.00	28.99	-1.9	232	250	275	13
20:00	0.006331	9.9	.00	28.97	-1.9	222	231	254	13
21:00	0.006299	9.8	.00	28.95	-1.9	260	269	260	16
22:00	0.006148	9.6	.00	28.94	-2.4	253	261	266	16
23:00	0.006272	9.8	.01	28.93	-2.2	250	265	272	19
Avg	0.004918	7.7	.00	29.12	81.7	67	60	44	19
Max	0.006434	10.0	.02	29.24	462.3	341	269	352	31
Hr. of Max	18	19	17	09	11	17	21	18	09
Min	0.004169	6.6	.00	28.93	-2.8	37	9	34	11
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	14	6	1.9	3.4	6.2	8.5	8.2	11.7
01:00	13	7	1.8	3.6	6.5	6.2	10.1	11.2
02:00	11	7	1.4	3.7	5.8	6.0	10.1	16.9
03:00	15	8	2.1	3.7	7.9	6.2	7.6	23.6
04:00	15	7	2.3	4.0	7.5	6.9	9.2	14.9
05:00	15	7	2.3	3.8	7.1	7.1	8.7	16.3
06:00	15	9	2.7	4.4	7.3	10.1	9.8	18.8
07:00	17	7	2.5	4.3	6.8	8.9	12.4	13.7
08:00	15	9	3.1	3.9	5.3	7.8	9.4	15.8
09:00	18	7	3.1	5.2	7.1	10.8	11.7	12.6
10:00	13	8	7.7	8.2	7.7	18.1	15.8	14.9
11:00	15	10	5.8	5.9	6.3	13.5	16.9	16.3
12:00	13	10	4.7	5.2	5.3	9.8	11.0	10.8
13:00	12	10	5.3	5.6	5.0	12.1	12.8	10.8
14:00	12	10	5.1	5.6	5.4	11.0	11.9	10.1
15:00	11	8	6.7	7.0	6.4	12.8	13.3	11.2
16:00	12	8	5.0	6.1	6.3	20.4	19.5	14.4
17:00	24	13	1.0	1.0	2.1	8.7	7.6	7.8
18:00	19	12	1.3	2.2	3.2	3.4	5.3	6.4
19:00	13	5	1.4	2.1	4.5	5.5	7.3	7.3
20:00	12	8	1.9	1.8	5.3	7.6	7.3	11.7
21:00	12	9	4.0	5.3	8.2	10.8	11.4	15.8
22:00	14	9	3.1	4.4	8.1	8.0	12.4	14.9
23:00	16	10	3.6	5.1	10.4	8.7	11.7	19.5
Avg	14	9	3.3	4.4	6.3	9.5	10.9	13.6
Max	24	13	7.7	8.2	10.4	20.4	19.5	23.6
Hr. of Max	17	17	10	10	23	16	16	03
Min	11	5	1.0	1.0	2.1	3.4	5.3	6.4
Count	24	24	24	24	24	24	24	24
Total								