Current Time: 7:11 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/4/2013

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	10.5	10.7	10.8	.2	.3	9.9	9.3	97.5	9.4
01:00	10.6	10.7	10.7	.1	.1	10.0	9.3	97.5	9.4
02:00	10.6	10.7	10.7	.1	.1	10.1	9.3	97.5	9.4
03:00	10.8	10.8	10.8	.0	.0	10.2	9.3	97.5	9.5
04:00	10.6	10.8	10.8	.2	.2	10.0	9.3	97.5	9.4
05:00	10.6	10.7	10.9	.1	.3	10.0	9.3	97.6	9.4
06:00	10.6	10.6	10.7	.0	.1	10.1	9.3	97.6	9.4
07:00	10.9	10.7	10.7	-.1	-.2	10.3	9.3	97.4	9.6
08:00	11.2	11.1	11.0	-.1	-.2	10.6	9.3	97.1	9.8
09:00	11.6	11.4	11.1	-.2	-.5	10.8	9.4	96.1	9.8
10:00	12.4	12.1	11.3	-.3	-1.1	10.8	9.6	91.0	9.8
11:00	12.9	12.7	11.7	-.2	-1.2	11.0	9.8	89.1	9.9
12:00	13.8	13.5	12.8	-.2	-1.0	11.4	10.0	86.8	10.2
13:00	16.0	15.8	14.8	-.2	-1.2	12.3	10.3	80.2	10.8
14:00	17.6	17.4	16.4	-.2	-1.2	13.5	10.9	78.5	11.6
15:00	18.9	18.8	17.7	-.1	-1.2	14.2	11.4	75.5	12.1
16:00	20.3	20.3	19.1	.0	-1.2	14.6	11.8	70.9	12.3
17:00	19.9	20.0	19.5	.1	-.4	14.7	11.9	73.7	12.5
18:00	19.0	19.1	19.7	.1	.7	14.8	11.9	78.0	12.5
19:00	18.0	18.5	19.4	.5	1.4	14.7	11.7	82.6	12.5
20:00	17.8	18.1	18.7	.3	.9	14.8	11.5	84.3	12.6
21:00	17.9	18.1	18.5	.2	.6	14.9	11.4	83.8	12.6
22:00	17.5	17.8	18.2	.3	.8	14.8	11.3	85.8	12.6
23:00	17.5	17.8	18.0	.3	.5	14.9	11.3	86.1	12.6
Avg	14.5	14.5	14.3	.0	-.1	12.2	10.3	88.3	10.8
Max	20.3	20.3	19.7	.5	1.4	14.9	11.9	97.6	12.6
Hr. of Max	16	16	18	19	19	23	18	06	23
Min	10.5	10.6	10.7	-.3	-1.2	9.9	9.3	70.9	9.4
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	0.007873	12.3	.00	28.94	-1.4	266	240	289	5
01:00	0.007924	12.3	.00	28.95	-2.0	316	36	306	9
02:00	0.007934	12.3	.00	28.95	-2.2	278	263	192	7
03:00	0.007996	12.4	.00	28.95	-2.1	344	58	33	10
04:00	0.007918	12.3	.00	28.96	-2.0	247	232	245	1
05:00	0.007907	12.3	.00	28.97	-2.0	40	66	147	9
06:00	0.007943	12.4	.00	28.97	-2.0	41	49	79	13
07:00	0.008039	12.5	.00	28.98	-.6	39	53	70	18
08:00	0.008216	12.8	.00	29.00	21.5	44	54	68	17
09:00	0.008301	12.9	.00	29.01	56.3	45	51	58	18
10:00	0.008311	13.0	.00	29.02	103.7	71	62	62	24
11:00	0.008422	13.1	.00	29.00	77.2	113	80	14	20
12:00	0.008688	13.5	.00	28.98	166.4	207	336	284	20
13:00	0.009251	14.4	.00	28.96	357.9	241	239	242	24
14:00	0.010041	15.6	.00	28.95	210.8	254	246	245	19
15:00	0.010491	16.3	.00	28.95	197.3	217	222	223	15
16:00	0.010746	16.6	.00	28.95	97.6	225	221	207	18
17:00	0.010874	16.8	.00	28.95	4.1	222	215	200	17
18:00	0.010879	16.9	.00	28.96	-1.6	242	218	188	15
19:00	0.010841	16.8	.00	28.99	-1.6	251	228	199	11
20:00	0.010919	16.9	.00	28.99	-1.8	250	234	200	12
21:00	0.01093	17.0	.00	29.00	-1.8	253	246	208	12
22:00	0.010868	16.9	.00	29.02	-2.1	238	238	215	10
23:00	0.010924	17.0	.00	29.02	-1.8	233	229	212	11
Avg	0.00926	14.4	.00	28.98	52.8	260	240	210	14
Max	0.01093	17.0	.00	29.02	357.9	344	336	306	24
Hr. of Max	21	23	23	23	13	03	12	01	13
Min	0.007873	12.3	.00	28.94	-2.2	39	36	14	1
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	4	6	1.1	1.2	1.5	2.7	3.4	3.9
01:00	8	7	.4	.6	.9	1.6	2.0	3.0
02:00	11	13	1.0	1.2	1.4	2.3	2.8	2.5
03:00	8	12	.5	.8	1.6	1.8	2.1	1.8
04:00	6	4	.6	.9	1.7	2.3	2.5	3.7
05:00	5	5	1.0	1.3	1.9	2.7	5.0	7.1
06:00	9	4	1.2	2.9	3.7	4.6	6.2	7.3
07:00	10	6	1.3	2.6	3.5	3.9	8.2	12.4
08:00	11	6	1.2	2.4	2.9	4.1	5.0	6.4
09:00	13	6	1.5	2.1	3.1	4.4	5.3	7.1
10:00	15	7	2.2	2.5	3.1	6.0	5.7	6.6
11:00	23	12	1.3	1.3	2.1	5.5	5.7	6.6
12:00	30	21	.5	.8	1.5	2.7	3.0	5.7
13:00	25	21	1.8	1.9	2.7	5.3	7.6	6.9
14:00	19	13	2.0	2.1	3.4	6.4	6.6	8.5
15:00	14	11	2.9	3.8	6.6	9.4	8.2	16.0
16:00	16	10	4.5	7.0	12.3	14.2	17.4	24.0
17:00	13	9	4.2	6.6	11.8	14.9	16.7	22.9
18:00	14	9	2.8	4.5	9.0	9.4	10.1	16.9
19:00	9	8	2.3	4.6	8.9	5.5	8.7	15.6
20:00	11	9	3.3	5.8	10.0	8.0	12.1	17.2
21:00	12	9	3.2	5.2	9.5	7.3	16.0	19.0
22:00	8	5	3.3	6.5	12.1	7.8	11.0	24.0
23:00	7	5	3.1	6.3	11.5	8.9	13.5	23.6
Avg	13	9	2.0	3.1	5.3	5.9	7.7	11.2
Max	30	21	4.5	7.0	12.3	14.9	17.4	24.0
Hr. of Max	12	13	16	16	16	17	16	22
Min	4	4	.4	.6	.9	1.6	2.0	1.8
Count	24	24	24	24	24	24	24	24
Total								