Current Time: 7:09 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/10/2014

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	5.3	5.5	5.8	.2	.5	-2.7	.5	56.9	3.9
01:00	4.2	4.6	5.0	.5	.8	-.4	.5	73.7	4.7
02:00	3.2	3.6	4.6	.4	1.4	2.2	.5	93.7	5.6
03:00	3.4	3.6	4.2	.2	.8	2.5	.5	94.9	5.7
04:00	3.1	3.1	3.4	.0	.3	2.6	.5	97.2	5.8
05:00	3.1	3.0	3.1	-.1	.0	2.6	.5	97.3	5.8
06:00	3.3	3.2	3.1	-.1	-.2	2.8	.5	97.3	5.9
07:00	3.3	3.1	2.9	-.1	-.4	2.8	.6	97.4	5.9
08:00	3.4	3.2	2.9	-.2	-.5	2.9	.6	97.4	5.9
09:00	4.0	3.7	3.1	-.3	-.9	3.5	.6	97.5	6.1
10:00	4.9	4.6	4.2	-.4	-.7	4.4	.6	97.5	6.5
11:00	5.9	5.6	5.0	-.3	-.9	5.4	.6	97.6	7.0
12:00	7.2	6.8	6.1	-.4	-1.1	6.6	.6	97.3	7.5
13:00	8.1	7.8	7.2	-.3	-.9	7.2	.8	94.8	7.8
14:00	9.1	8.7	7.8	-.4	-1.3	7.1	1.2	88.6	7.8
15:00	9.4	9.1	8.3	-.3	-1.1	7.4	1.7	87.9	7.9
16:00	9.6	9.4	8.9	-.2	-.7	7.6	2.1	88.2	8.0
17:00	9.4	9.3	8.8	-.1	-.6	7.8	2.5	90.6	8.1
18:00	8.8	9.0	8.7	.2	-.1	7.8	2.7	94.3	8.2
19:00	8.3	8.6	8.3	.3	.0	7.7	2.8	97.1	8.1
20:00	7.9	7.8	7.6	-.1	-.3	7.3	2.9	97.2	7.9
21:00	7.5	7.5	7.2	.0	-.3	7.0	3.0	97.4	7.7
22:00	7.4	7.3	7.0	-.1	-.4	6.9	3.1	97.5	7.7
23:00	7.3	7.2	7.0	.0	-.3	6.7	3.1	97.6	7.6
Avg	6.1	6.1	5.8	-.1	-.3	4.8	1.4	92.8	6.8
Max	9.6	9.4	8.9	.5	1.4	7.8	3.1	97.6	8.2
Hr. of Max	16	16	16	01	02	18	23	23	18
Min	3.1	3.0	2.9	-.4	-1.3	-2.7	.5	56.9	3.9
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	0.003168	5.0	.00	29.32	-1.5	12	70	52	10
01:00	0.003783	6.0	.01	29.31	-2.4	255	244	209	8
02:00	0.004531	7.2	.00	29.31	-2.3	344	32	68	7
03:00	0.004628	7.3	.04	29.30	-1.6	338	88	124	7
04:00	0.004647	7.4	.00	29.30	-1.9	39	89	128	12
05:00	0.004671	7.4	.04	29.28	-2.1	62	76	91	12
06:00	0.004728	7.5	.01	29.28	-3.0	41	56	85	16
07:00	0.004721	7.5	.00	29.28	-1.6	47	50	70	20
08:00	0.00476	7.5	.00	29.28	26.1	51	48	59	16
09:00	0.004966	7.9	.00	29.28	79.7	64	58	55	19
10:00	0.005312	8.4	.00	29.27	137.8	65	64	58	21
11:00	0.005683	9.0	.00	29.25	163.3	100	95	60	13
12:00	0.006204	9.8	.00	29.20	227.2	71	63	55	21
13:00	0.006467	10.2	.00	29.15	197.4	84	75	55	12
14:00	0.006447	10.1	.00	29.13	212.4	73	65	57	20
15:00	0.006562	10.3	.00	29.10	121.9	78	72	57	17
16:00	0.006679	10.5	.00	29.08	48.9	86	87	69	20
17:00	0.00677	10.6	.00	29.07	6.5	54	70	57	17
18:00	0.006779	10.6	.00	29.06	-2.0	257	234	311	4
19:00	0.006744	10.5	.00	29.04	-1.9	229	230	255	6
20:00	0.006551	10.3	.00	29.05	-2.1	236	246	247	12
21:00	0.006405	10.0	.01	29.04	-2.3	219	246	259	9
22:00	0.006352	9.9	.01	29.03	-2.1	238	263	261	11
23:00	0.006306	9.9	.01	29.00	-2.4	197	231	250	9
Avg	0.005578	8.8	.00	29.18	49.7	55	73	66	13
Max	0.006779	10.6	.04	29.32	227.2	344	263	311	21
Hr. of Max	18	18	05	00	12	02	22	18	12
Min	0.003168	5.0	.00	29.00	-3.0	12	32	52	4
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	7	1.2	1.7	3.5	3.7	6.2	12.6
01:00	11	6	1.9	2.1	1.9	4.6	6.0	6.0
02:00	8	5	.8	.9	1.0	7.1	5.0	2.5
03:00	6	3	.6	.9	2.2	2.5	2.3	3.7
04:00	8	5	1.1	1.3	2.1	3.0	3.7	4.4
05:00	17	6	1.1	1.7	4.1	5.5	6.2	8.7
06:00	11	8	1.4	3.1	5.7	8.5	9.4	10.1
07:00	12	8	1.4	3.1	3.8	3.9	7.3	9.8
08:00	14	5	1.1	2.6	3.6	3.4	6.9	7.1
09:00	15	7	1.8	2.8	4.1	5.0	6.9	11.7
10:00	17	8	2.6	3.5	4.3	8.2	7.6	14.7
11:00	15	12	2.4	2.1	2.2	5.5	6.2	5.7
12:00	16	12	3.1	3.6	3.8	10.5	8.0	8.5
13:00	13	10	4.3	4.0	4.2	10.5	8.5	12.4
14:00	16	9	2.7	3.2	3.6	7.6	6.9	7.1
15:00	13	10	3.3	3.5	3.6	7.6	8.2	7.3
16:00	12	8	1.8	2.0	2.6	3.9	4.4	8.7
17:00	15	6	.7	.9	1.7	3.4	5.5	6.6
18:00	15	5	1.1	1.3	2.5	3.4	3.4	3.2
19:00	4	3	1.5	2.3	3.6	4.8	8.2	9.2
20:00	8	4	2.9	4.6	7.4	6.9	10.1	15.6
21:00	10	6	1.5	2.5	6.8	3.7	5.5	14.2
22:00	12	6	1.1	2.3	6.1	4.4	5.5	9.2
23:00	12	7	.7	1.1	3.9	4.1	4.6	13.1
Avg	12	7	1.8	2.4	3.7	5.5	6.4	8.8
Max	17	12	4.3	4.6	7.4	10.5	10.1	15.6
Hr. of Max	10	12	13	20	20	13	20	20
Min	4	3	.6	.9	1.0	2.5	2.3	2.5
Count	24	24	24	24	24	24	24	24
Total								