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)

2/9/2014

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	4.8	4.8	4.5	.0	-.3	.7	4.5	75.0	5.0
01:00	4.5	4.7	4.5	.2	.0	.9	4.5	78.2	5.1
02:00	4.4	4.4	4.2	-.1	-.2	.8	4.4	77.7	5.1
03:00	4.1	4.2	4.1	.1	.0	.9	4.4	80.1	5.1
04:00	3.9	4.0	4.0	.1	.1	1.0	4.3	81.9	5.2
05:00	3.7	3.9	3.9	.2	.2	1.0	4.3	83.4	5.2
06:00	3.8	3.8	3.7	.0	-.1	1.2	4.3	83.6	5.2
07:00	3.6	3.8	3.8	.2	.2	1.2	4.2	84.9	5.2
08:00	3.8	3.9	3.8	.1	.0	1.3	4.2	84.4	5.3
09:00	4.7	4.5	4.1	-.2	-.6	1.7	4.2	81.1	5.4
10:00	5.4	5.1	4.6	-.2	-.8	1.7	4.3	77.6	5.4
11:00	6.3	6.0	5.4	-.2	-.9	2.1	4.4	75.1	5.5
12:00	6.8	6.6	5.9	-.2	-.9	2.2	4.6	73.1	5.6
13:00	7.1	6.9	6.3	-.2	-.8	2.5	4.8	73.4	5.7
14:00	7.3	7.1	6.3	-.2	-1.0	2.8	5.0	73.5	5.8
15:00	7.3	7.1	6.4	-.2	-.9	2.9	5.1	74.1	5.8
16:00	7.1	6.9	6.3	-.2	-.8	2.8	5.2	74.8	5.8
17:00	6.4	6.2	5.7	-.2	-.7	2.7	5.3	77.7	5.8
18:00	5.6	5.3	4.8	-.2	-.8	2.6	5.3	81.9	5.7
19:00	5.0	4.8	4.2	-.2	-.8	2.0	5.2	81.7	5.5
20:00	4.7	4.6	4.1	-.2	-.6	1.6	5.1	80.7	5.4
21:00	4.4	4.2	3.8	-.1	-.6	1.5	5.1	81.9	5.3
22:00	4.2	4.0	3.5	-.2	-.7	1.3	5.0	82.3	5.3
23:00	3.9	3.7	3.3	-.2	-.6	1.3	4.9	83.4	5.2
Avg	5.1	5.0	4.6	-.1	-.5	1.7	4.7	79.2	5.4
Max	7.3	7.1	6.4	.2	.2	2.9	5.3	84.9	5.8
Hr. of Max	15	15	15	07	07	15	18	07	17
Min	3.6	3.7	3.3	-.2	-1.0	.7	4.2	73.1	5.0
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	0.00407	6.4	.00	29.16	-2.1	151	163	45	13
01:00	0.00414	6.5	.00	29.14	-2.5	312	330	336	6
02:00	0.004105	6.5	.00	29.15	-2.3	269	288	296	12
03:00	0.004129	6.5	.00	29.16	-2.5	226	212	264	10
04:00	0.00418	6.6	.00	29.14	-2.2	325	55	317	8
05:00	0.004184	6.6	.00	29.13	-2.3	258	224	197	6
06:00	0.004231	6.7	.00	29.13	-2.6	264	242	194	6
07:00	0.004231	6.7	.00	29.13	3.9	262	247	226	8
08:00	0.004261	6.7	.00	29.13	44.0	225	230	234	10
09:00	0.004377	6.9	.00	29.15	72.7	243	240	231	14
10:00	0.00438	6.9	.00	29.16	130.1	231	235	230	20
11:00	0.004515	7.1	.00	29.14	159.8	223	225	220	18
12:00	0.004564	7.2	.00	29.13	165.5	229	231	223	17
13:00	0.004681	7.4	.00	29.10	94.6	220	223	219	18
14:00	0.004754	7.5	.00	29.09	103.0	237	238	236	17
15:00	0.004784	7.5	.00	29.10	68.4	240	247	242	17
16:00	0.004762	7.5	.00	29.11	29.4	261	263	263	16
17:00	0.004717	7.4	.00	29.13	10.5	285	292	291	19
18:00	0.004686	7.4	.00	29.15	-1.6	295	304	306	25
19:00	0.004477	7.1	.00	29.17	-2.3	306	322	326	27
20:00	0.004354	6.9	.00	29.18	-2.2	240	258	292	14
21:00	0.004317	6.8	.00	29.16	-1.6	289	308	324	16
22:00	0.004274	6.7	.00	29.15	-2.7	328	343	339	20
23:00	0.004252	6.7	.00	29.14	-2.6	56	59	62	29
Avg	0.004393	6.9	.00	29.14	35.5	259	259	266	15
Max	0.004784	7.5	.00	29.18	165.5	328	343	339	29
Hr. of Max	15	16	23	20	12	22	22	22	23
Min	0.00407	6.4	.00	29.09	-2.7	56	55	45	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	12	7	.9	1.3	1.7	2.5	3.9	7.3
01:00	13	7	1.2	1.3	2.1	3.2	5.7	7.8
02:00	12	4	1.8	2.6	7.1	5.5	10.1	12.8
03:00	7	6	1.0	2.0	4.0	3.0	3.7	12.6
04:00	15	13	1.3	1.3	3.4	3.7	2.1	8.5
05:00	9	4	1.6	1.8	3.1	6.4	3.7	5.3
06:00	7	2	2.0	2.8	4.6	4.4	4.8	8.2
07:00	5	3	1.4	2.2	4.1	3.9	5.5	10.8
08:00	7	2	2.2	2.5	5.5	5.7	6.6	8.9
09:00	13	8	3.2	4.0	6.7	8.0	9.6	16.3
10:00	15	8	5.1	6.9	10.4	12.6	14.0	28.2
11:00	15	8	6.8	8.8	12.3	21.8	25.4	29.8
12:00	15	9	6.5	8.0	10.4	12.8	14.9	26.8
13:00	14	7	5.2	6.9	9.4	17.6	21.5	20.2
14:00	15	9	5.3	6.9	10.0	12.6	15.8	17.4
15:00	14	8	6.5	8.5	11.7	16.0	15.1	30.2
16:00	14	9	4.6	6.1	8.7	10.5	14.4	18.5
17:00	18	10	4.6	5.9	9.6	12.4	14.2	15.1
18:00	21	14	3.1	4.0	6.7	9.6	12.8	19.9
19:00	26	15	2.8	4.0	7.5	9.6	12.6	15.8
20:00	13	13	2.1	2.7	5.0	5.7	8.5	10.5
21:00	23	11	1.3	1.4	4.0	6.4	7.1	11.4
22:00	18	6	1.2	1.5	4.5	4.4	6.4	13.7
23:00	14	7	2.4	4.4	5.8	7.6	9.8	11.4
Avg	14	8	3.1	4.1	6.6	8.6	10.3	15.3
Max	26	15	6.8	8.8	12.3	21.8	25.4	30.2
Hr. of Max	19	19	11	11	11	11	11	15
Min	5	2	.9	1.3	1.7	2.5	2.1	5.3
Count	24	24	24	24	24	24	24	24
Total								