Current Time: 8:11 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/11/2014

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	7.2	7.4	7.2	.1	.0	6.7	3.2	97.6	7.6
01:00	7.3	7.4	7.3	.2	.0	6.8	3.3	97.6	7.6
02:00	7.2	7.5	7.4	.3	.2	6.7	3.3	97.7	7.6
03:00	7.2	7.4	7.5	.2	.3	6.7	3.4	97.7	7.6
04:00	7.3	7.4	7.5	.1	.2	6.8	3.5	97.7	7.6
05:00	8.2	8.2	8.3	.0	.1	7.7	3.6	97.8	8.1
06:00	9.0	9.3	9.4	.3	.4	8.5	3.7	97.8	8.5
07:00	9.8	9.9	10.4	.1	.6	9.3	4.0	97.9	9.0
08:00	10.0	10.3	11.1	.3	1.1	9.5	4.1	97.9	9.1
09:00	11.4	11.8	11.8	.4	.4	10.9	4.3	98.0	10.0
10:00	12.2	12.4	12.4	.2	.2	11.7	4.5	98.1	10.5
11:00	12.8	12.7	12.7	-.1	-.1	12.3	4.7	98.2	10.8
12:00	13.6	13.5	13.1	-.1	-.5	13.0	5.1	98.0	11.3
13:00	14.8	14.6	13.8	-.2	-1.0	11.7	5.6	83.6	10.4
14:00	15.5	15.3	14.4	-.2	-1.1	6.5	6.2	56.3	7.3
15:00	15.8	15.6	14.9	-.2	-.9	1.5	6.8	39.0	5.2
16:00	14.9	14.8	13.9	-.2	-1.0	-1.0	7.1	34.2	4.3
17:00	13.2	13.1	12.7	-.1	-.5	1.0	7.1	44.1	5.0
18:00	12.1	12.0	11.6	-.1	-.5	1.5	6.9	48.8	5.2
19:00	10.9	10.8	10.4	-.1	-.5	1.6	6.7	53.3	5.3
20:00	9.6	9.5	9.3	-.1	-.4	1.8	6.5	58.9	5.4
21:00	8.9	8.8	8.7	-.1	-.2	2.0	6.2	62.7	5.4
22:00	7.8	7.8	7.6	.0	-.2	2.6	5.9	69.9	5.7
23:00	6.8	6.9	6.7	.2	-.1	2.8	5.6	76.4	5.8
Avg	10.6	10.6	10.4	.0	-.1	6.2	5.1	79.1	7.5
Max	15.8	15.6	14.9	.4	1.1	13.0	7.1	98.2	11.3
Hr. of Max	15	15	15	09	08	12	17	11	12
Min	6.8	6.9	6.7	-.2	-1.1	-1.0	3.2	34.2	4.3
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	0.006295	9.8	.00	28.96	-2.3	271	312	280	20
01:00	0.006329	9.9	.00	28.92	-2.9	337	12	310	14
02:00	0.006315	9.8	.00	28.89	-2.3	339	15	316	8
03:00	0.006308	9.8	.03	28.85	-2.3	276	255	313	8
04:00	0.006375	9.9	.12	28.80	-1.9	34	71	28	12
05:00	0.006787	10.5	.43	28.78	-1.6	270	290	313	23
06:00	0.007187	11.1	.24	28.77	-2.0	218	282	252	14
07:00	0.007588	11.7	.10	28.76	-1.6	227	232	250	13
08:00	0.007692	11.9	.07	28.80	1.3	238	230	223	13
09:00	0.008459	13.1	.01	28.79	21.8	253	211	197	26
10:00	0.008919	13.8	.00	28.81	86.0	240	248	236	12
11:00	0.009253	14.3	.00	28.80	176.8	226	230	225	14
12:00	0.009733	15.0	.00	28.78	267.2	216	218	214	16
13:00	0.008956	13.8	.00	28.75	443.3	220	225	219	18
14:00	0.006321	9.8	.00	28.73	413.1	235	242	236	19
15:00	0.004479	7.0	.00	28.73	313.1	243	247	244	20
16:00	0.003708	5.8	.00	28.75	180.4	261	267	264	18
17:00	0.00427	6.6	.00	28.78	22.3	263	268	268	20
18:00	0.004405	6.9	.00	28.81	-2.0	260	268	271	18
19:00	0.004428	6.9	.00	28.85	-2.0	271	279	284	22
20:00	0.004491	7.0	.00	28.88	-2.3	263	271	277	20
21:00	0.00453	7.1	.00	28.92	-2.4	254	263	276	18
22:00	0.004709	7.4	.00	28.95	-2.1	275	279	289	23
23:00	0.004776	7.5	.00	28.98	-2.2	258	269	283	15
Avg	0.006346	9.9	.04	28.83	79.0	257	263	265	17
Max	0.009733	15.0	.43	28.98	443.3	339	312	316	26
Hr. of Max	12	12	05	23	13	02	00	02	09
Min	0.003708	5.8	.00	28.73	-2.9	34	12	28	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	17	9	.8	1.0	3.5	2.7	8.0	13.1
01:00	11	5	.7	1.0	1.8	3.4	3.7	5.3
02:00	10	7	.9	1.2	2.5	3.0	3.0	5.7
03:00	8	9	1.6	1.8	2.7	3.4	4.1	4.8
04:00	12	16	2.0	2.4	2.6	5.7	5.7	9.4
05:00	24	11	3.8	5.1	10.5	21.8	27.2	39.2
06:00	15	6	2.1	2.6	9.3	4.8	8.0	17.6
07:00	9	6	1.7	3.6	9.7	4.8	8.7	19.9
08:00	6	3	2.1	4.7	11.7	6.0	8.0	23.6
09:00	14	5	1.9	4.2	11.1	5.5	8.5	25.0
10:00	10	4	2.8	5.3	11.0	5.7	9.6	15.6
11:00	11	5	3.9	6.1	11.0	10.3	11.9	22.0
12:00	15	7	5.5	7.5	12.2	13.5	19.2	19.0
13:00	16	9	7.7	9.8	14.1	24.3	27.0	27.9
14:00	16	9	10.7	14.3	20.4	24.0	39.2	34.1
15:00	16	10	10.0	13.6	19.1	23.6	27.0	38.0
16:00	16	10	10.2	13.2	19.7	24.0	29.3	35.5
17:00	18	12	8.0	10.5	17.5	18.8	25.0	36.6
18:00	16	11	6.9	9.3	15.1	21.1	23.4	29.8
19:00	17	11	7.3	9.8	16.2	20.8	22.7	37.3
20:00	18	12	6.5	8.6	15.1	19.0	22.9	31.4
21:00	18	16	4.9	6.4	11.0	17.2	19.9	37.1
22:00	20	15	3.0	4.5	8.4	9.2	13.1	19.5
23:00	15	10	2.4	3.8	7.9	8.9	10.1	16.0
Avg	15	9	4.5	6.3	11.0	12.6	16.1	23.5
Max	24	16	10.7	14.3	20.4	24.3	39.2	39.2
Hr. of Max	05	21	14	14	14	13	14	05
Min	6	3	.7	1.0	1.8	2.7	3.0	4.8
Count	24	24	24	24	24	24	24	24
Total								