Current Time: 7:39 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/21/2014

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	18.7	18.7	18.4	.0	-.3	13.8	11.4	74.2	11.7
01:00	16.0	15.9	15.7	-.1	-.3	13.9	11.5	89.3	11.9
02:00	14.0	13.8	13.7	-.1	-.3	13.4	11.5	97.8	11.6
03:00	12.2	11.9	11.5	-.3	-.7	11.6	11.5	97.7	10.4
04:00	8.2	7.9	7.4	-.4	-.8	7.7	11.4	97.5	8.1
05:00	5.9	5.6	5.1	-.2	-.8	5.3	11.1	97.3	6.9
06:00	4.9	4.7	4.3	-.1	-.6	4.4	10.7	97.2	6.5
07:00	4.6	4.5	4.2	-.1	-.4	4.1	10.3	97.3	6.4
08:00	4.5	4.5	4.2	.1	-.3	4.0	10.0	97.3	6.3
09:00	6.4	6.4	5.6	.0	-.8	4.6	9.7	89.6	6.6
10:00	8.4	8.3	7.5	-.2	-.9	.5	9.7	58.3	4.9
11:00	9.2	9.0	8.3	-.2	-.9	-.7	9.9	50.4	4.5
12:00	10.5	10.3	9.4	-.2	-1.1	-3.1	10.0	38.9	3.8
13:00	11.6	11.4	10.4	-.3	-1.2	-7.2	10.5	26.6	2.8
14:00	12.3	12.0	11.1	-.3	-1.2	-7.8	10.8	24.2	2.6
15:00	12.9	12.6	11.7	-.3	-1.2	-8.4	11.2	22.4	2.5
16:00	12.9	12.7	11.7	-.3	-1.2	-8.2	11.4	22.7	2.6
17:00	12.2	12.1	11.3	-.2	-.9	-7.7	11.5	24.8	2.7
18:00	10.8	10.9	10.8	.1	.0	-7.2	11.4	28.1	2.8
19:00	8.8	9.6	9.7	.8	.9	-6.9	11.0	32.7	2.8
20:00	6.5	8.3	8.9	1.8	2.4	-6.2	10.4	40.4	3.0
21:00	4.7	6.1	8.0	1.4	3.3	-4.4	9.9	52.3	3.5
22:00	3.0	4.3	6.8	1.3	3.8	-5.7	9.4	53.3	3.2
23:00	2.1	3.9	5.9	1.8	3.8	-5.9	8.9	56.0	3.1
Avg	9.2	9.4	9.2	.2	.0	.2	10.6	61.1	5.5
Max	18.7	18.7	18.4	1.8	3.8	13.9	11.5	97.8	11.9
Hr. of Max	00	00	00	23	23	01	17	02	01
Min	2.1	3.9	4.2	-.4	-1.2	-8.4	8.9	22.4	2.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	14_Mix Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	None	KPa	MM	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	0.010232	15.8	.0	.00	28.82	-1.3	232	224	198
01:00	0.010304	15.9	9.3	.36	28.83	-1.8	224	223	213
02:00	0.009958	15.4	4.7	.18	28.83	-1.6	223	224	212
03:00	0.008863	13.7	8.8	.34	28.86	-1.8	261	267	268
04:00	0.006793	10.6	2.2	.08	28.90	-1.9	277	286	294
05:00	0.005727	8.9	1.1	.04	28.93	-2.0	263	273	282
06:00	0.005333	8.4	.0	.00	29.01	-2.3	231	238	251
07:00	0.005238	8.2	.1	.00	29.04	7.5	241	232	260
08:00	0.005171	8.1	.0	.00	29.06	58.6	277	231	197
09:00	0.005424	8.5	.0	.00	29.06	358.2	225	215	200
10:00	0.00407	6.4	.0	.00	29.07	576.3	224	229	228
11:00	0.003719	5.9	.0	.00	29.07	647.9	224	232	227
12:00	0.003136	4.9	.0	.00	29.05	740.0	234	235	230
13:00	0.002309	3.6	.0	.00	29.04	762.7	239	244	243
14:00	0.002199	3.5	.0	.00	29.03	665.0	242	245	247
15:00	0.002109	3.3	.0	.00	29.04	468.0	249	253	250
16:00	0.002142	3.4	.0	.00	29.06	352.3	260	262	263
17:00	0.002225	3.5	.0	.00	29.07	135.8	271	273	269
18:00	0.002293	3.6	.0	.00	29.08	4.1	260	263	264
19:00	0.002341	3.7	.0	.00	29.10	-1.8	265	248	262
20:00	0.002466	3.9	.0	.00	29.11	-2.0	305	243	256
21:00	0.002815	4.4	.0	.00	29.11	-2.2	16	89	290
22:00	0.002546	4.0	.0	.00	29.12	-2.3	272	229	284
23:00	0.002502	4.0	.0	.00	29.13	-2.5	253	235	254
Avg	0.00458	7.2	1.1	.04	29.02	198.0	252	242	248
Max	0.010304	15.9	9.3	.36	29.13	762.7	305	286	294
Hr. of Max	01	01	01	01	23	13	20	04	04
Min	0.002109	3.3	.0	.00	28.82	-2.5	16	89	197
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	29_Sigma_10m	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	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	19	16	11	4.6	6.9	12.3	15.6	17.9	29.8
01:00	21	17	9	10.6	15.0	24.7	33.7	42.8	53.4
02:00	21	18	9	5.8	8.6	15.5	16.5	20.4	38.2
03:00	21	19	11	9.3	12.5	20.4	36.9	36.4	42.1
04:00	25	22	14	8.7	10.9	18.2	28.6	35.0	38.5
05:00	23	19	16	7.4	9.5	15.8	18.8	22.9	30.0
06:00	15	12	8	6.0	8.7	13.1	20.4	26.8	32.7
07:00	14	9	6	2.0	2.8	5.5	9.8	17.9	23.8
08:00	21	19	9	1.1	1.6	4.5	3.7	4.6	10.3
09:00	18	18	10	2.6	3.0	6.5	7.3	10.3	13.7
10:00	18	15	10	6.9	8.0	10.7	16.5	16.9	22.2
11:00	21	18	12	6.3	7.6	9.9	26.3	28.2	31.8
12:00	18	16	12	7.7	9.2	12.1	17.6	20.2	24.3
13:00	20	17	12	8.3	10.3	13.7	18.3	20.6	31.6
14:00	18	15	11	8.2	10.2	12.7	19.9	22.7	25.6
15:00	18	16	12	7.2	8.7	11.3	15.8	19.7	21.5
16:00	21	19	12	7.2	8.9	12.4	17.9	29.5	27.7
17:00	18	16	10	5.9	7.8	11.5	22.7	27.5	31.1
18:00	12	11	5	4.2	6.4	11.8	11.4	22.9	24.7
19:00	11	7	4	2.1	4.6	10.2	8.0	14.2	24.7
20:00	4	6	3	1.1	1.6	6.6	2.5	4.1	11.0
21:00	9	12	4	.3	.8	6.9	1.6	2.0	18.8
22:00	6	3	4	.6	1.0	4.8	2.1	3.0	10.3
23:00	6	2	1	1.2	3.1	5.6	3.0	5.7	8.0
Avg	17	14	9	5.2	7.0	11.5	15.6	19.7	26.1
Max	25	22	16	10.6	15.0	24.7	36.9	42.8	53.4
Hr. of Max	04	04	05	01	01	01	03	01	01
Min	4	2	1	.3	.8	4.5	1.6	2.0	8.0
Count	24	24	24	24	24	24	24	24	24
Total									