Current Time: 9:42 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/23/2014

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	5.9	9.6	11.0	3.8	5.2	-4.0	8.1	49.5	3.5
01:00	5.2	7.9	11.1	2.7	4.9	-4.4	7.7	50.2	3.4
02:00	4.1	7.6	11.1	3.5	7.0	-3.7	7.4	57.0	3.6
03:00	4.0	6.7	10.8	2.7	6.8	-3.6	7.1	58.1	3.7
04:00	3.7	7.4	10.7	3.7	6.9	-3.1	6.9	61.3	3.8
05:00	3.9	8.0	10.0	4.0	6.1	-2.8	6.7	62.1	3.9
06:00	4.4	8.0	9.4	3.6	5.0	-2.5	6.6	61.3	4.0
07:00	5.0	7.6	8.9	2.5	3.9	-2.3	6.5	59.7	4.0
08:00	5.6	7.2	9.1	1.6	3.5	-1.1	6.3	62.6	4.4
09:00	10.4	10.4	10.4	.1	.0	-2.6	6.3	41.4	3.9
10:00	13.7	13.6	12.4	-.1	-1.3	-3.7	6.7	30.2	3.6
11:00	15.7	15.5	14.5	-.2	-1.2	-2.7	7.2	28.6	3.8
12:00	17.1	16.8	15.9	-.3	-1.2	-2.3	7.8	27.0	3.9
13:00	18.0	17.7	16.7	-.3	-1.3	-2.5	8.6	25.2	3.9
14:00	18.9	18.6	17.2	-.3	-1.7	-3.1	9.3	22.9	3.7
15:00	19.6	19.3	18.2	-.3	-1.4	-2.9	9.9	22.3	3.8
16:00	19.8	19.5	18.6	-.3	-1.2	-1.9	10.4	23.6	4.0
17:00	19.4	19.3	18.2	-.1	-1.2	-1.3	10.7	25.3	4.2
18:00	17.4	18.3	18.0	.8	.6	-.5	10.8	30.3	4.5
19:00	15.5	17.2	17.0	1.8	1.5	.0	10.6	35.4	4.6
20:00	14.3	14.3	14.0	.0	-.3	.6	10.3	40.0	4.9
21:00	13.1	13.0	12.6	.0	-.5	.8	10.0	43.7	4.9
22:00	10.8	10.6	10.4	-.2	-.4	.5	9.7	49.5	4.9
23:00	9.8	9.6	9.4	-.2	-.4	.3	9.5	52.4	4.8
Avg	11.5	12.7	13.2	1.2	1.6	-2.0	8.4	42.5	4.1
Max	19.8	19.5	18.6	4.0	7.0	.8	10.8	62.6	4.9
Hr. of Max	16	16	16	05	02	21	18	08	22
Min	3.7	6.7	8.9	-.3	-1.7	-4.4	6.3	22.3	3.4
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	0.0029	4.6	.0	.00	29.06	-2.4	195	229	248
01:00	0.002809	4.4	.0	.00	29.06	-2.4	270	224	257
02:00	0.002959	4.7	.0	.00	29.07	-2.7	236	218	263
03:00	0.002985	4.7	.0	.00	29.07	-2.5	260	231	258
04:00	0.003093	4.9	.0	.00	29.08	-2.3	265	224	260
05:00	0.003176	5.0	.0	.00	29.09	-2.7	266	238	241
06:00	0.003249	5.1	.0	.00	29.09	-2.2	348	230	227
07:00	0.003296	5.2	.0	.00	29.09	23.7	32	186	230
08:00	0.003606	5.7	.0	.00	29.09	114.3	74	41	253
09:00	0.003247	5.1	.0	.00	29.09	382.8	131	155	262
10:00	0.003	4.7	.0	.00	29.08	563.7	229	231	222
11:00	0.003233	5.1	.0	.00	29.07	657.7	202	209	212
12:00	0.003336	5.2	.0	.00	29.05	721.3	203	209	210
13:00	0.003305	5.2	.0	.00	29.02	699.0	195	203	206
14:00	0.003178	5.0	.0	.00	29.00	608.4	222	229	225
15:00	0.003233	5.1	.0	.00	28.98	467.4	228	235	234
16:00	0.003457	5.4	.0	.00	28.98	333.0	223	230	230
17:00	0.003628	5.7	.0	.00	28.97	127.2	233	237	237
18:00	0.003822	6.0	.0	.00	28.98	5.9	252	253	248
19:00	0.003949	6.2	.0	.00	28.98	-1.6	291	279	276
20:00	0.004126	6.5	.0	.00	29.00	-1.6	358	4	353
21:00	0.004162	6.5	.0	.00	29.03	-1.8	358	5	359
22:00	0.004058	6.4	.0	.00	29.06	-1.9	19	20	12
23:00	0.004001	6.3	.0	.00	29.09	-1.8	51	48	39
Avg	0.003409	5.4	.0	.00	29.05	194.9	251	232	250
Max	0.004162	6.5	.0	.00	29.09	721.3	358	279	359
Hr. of Max	21	21	23	23	23	12	21	19	21
Min	0.002809	4.4	.0	.00	28.97	-2.7	19	4	12
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	13	8	5	.2	2.6	9.3	2.1	8.0	19.2
01:00	31	10	7	.8	3.5	10.8	3.0	10.1	18.1
02:00	22	10	5	.6	3.3	10.1	3.9	9.2	21.1
03:00	15	25	4	.5	2.5	9.4	2.3	6.0	19.2
04:00	11	4	4	1.3	5.8	10.9	4.6	10.5	19.2
05:00	8	3	3	.8	4.2	10.6	5.3	12.8	18.1
06:00	7	3	2	.1	4.2	12.6	2.1	9.6	25.2
07:00	7	11	4	.3	.9	8.9	1.1	7.6	23.8
08:00	11	8	4	.7	1.1	4.9	3.0	2.7	12.4
09:00	14	29	13	2.2	1.4	3.9	6.4	7.8	9.6
10:00	17	14	10	4.9	5.8	6.7	10.3	11.4	13.5
11:00	22	19	13	4.8	5.2	6.3	11.7	11.9	18.8
12:00	21	18	12	5.1	6.2	7.5	17.2	14.9	15.8
13:00	21	20	15	5.4	6.5	8.0	18.3	25.2	19.7
14:00	20	19	12	6.9	8.2	9.9	20.6	17.2	27.5
15:00	18	17	12	7.1	8.8	11.3	20.6	19.9	26.6
16:00	19	16	10	6.8	8.2	10.7	16.5	17.4	26.3
17:00	16	14	9	4.2	5.6	8.4	13.5	13.5	16.5
18:00	8	6	4	2.3	4.1	8.7	6.9	12.8	14.4
19:00	18	12	7	1.7	4.7	11.4	14.0	18.1	21.8
20:00	26	24	18	2.5	5.2	10.1	12.8	18.8	23.8
21:00	22	21	19	1.6	2.8	5.3	10.1	14.9	17.6
22:00	29	25	15	3.2	5.5	8.9	11.0	22.7	28.2
23:00	29	17	11	1.5	2.7	4.8	7.8	9.8	15.3
Avg	18	15	9	2.7	4.5	8.7	9.4	13.0	19.7
Max	31	29	19	7.1	8.8	12.6	20.6	25.2	28.2
Hr. of Max	01	09	21	15	15	06	15	13	22
Min	7	3	2	.1	.9	3.9	1.1	2.7	9.6
Count	24	24	24	24	24	24	24	24	24
Total									