Current Time: 9:27 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/22/2014

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	2.0	3.4	5.7	1.4	3.7	-5.1	8.5	60.0	3.3
01:00	2.0	2.8	5.6	.8	3.6	-3.7	8.1	66.6	3.7
02:00	1.5	2.5	4.5	1.0	3.0	-2.6	7.9	74.8	4.0
03:00	.8	2.0	4.5	1.2	3.2	-2.6	7.5	78.3	4.0
04:00	.2	1.2	3.6	1.1	3.4	-2.8	7.2	81.0	4.0
05:00	.0	.7	2.9	.7	2.9	-1.9	6.9	87.2	4.2
06:00	-.7	.2	1.6	.9	2.3	-2.7	6.6	86.6	4.0
07:00	-1.1	-.3	2.2	.9	3.3	-2.8	6.3	88.8	4.0
08:00	.3	.5	2.2	.1	1.9	-3.3	6.0	77.3	3.8
09:00	4.6	4.3	4.1	-.3	-.5	-2.6	5.9	60.1	3.9
10:00	8.7	8.4	7.3	-.4	-1.4	-3.0	6.3	44.3	3.8
11:00	11.7	11.4	10.4	-.4	-1.3	-6.1	6.7	28.9	3.0
12:00	13.5	13.2	12.2	-.3	-1.3	-6.8	7.3	24.3	2.8
13:00	15.1	14.8	13.9	-.3	-1.2	-6.6	8.2	22.3	2.9
14:00	16.2	15.9	14.8	-.3	-1.4	-9.0	8.8	17.4	2.4
15:00	17.0	16.6	15.6	-.4	-1.4	-10.6	9.5	14.7	2.1
16:00	17.4	17.1	16.1	-.3	-1.3	-9.8	10.0	15.1	2.2
17:00	17.6	17.5	16.7	-.2	-.9	-9.9	10.4	14.9	2.2
18:00	15.1	16.2	16.4	1.1	1.3	-8.0	10.5	20.2	2.6
19:00	11.7	13.4	15.6	1.7	4.9	-5.8	10.3	30.1	3.1
20:00	9.1	11.0	14.4	2.0	5.3	-2.7	9.9	44.1	3.9
21:00	7.6	10.7	13.3	3.1	5.7	-3.9	9.4	44.5	3.6
22:00	6.5	10.3	11.7	3.8	5.2	-2.6	8.9	52.9	3.9
23:00	6.5	10.9	11.4	4.4	4.9	-3.2	8.5	50.4	3.8
Avg	7.6	8.5	9.4	.9	1.8	-4.9	8.2	49.4	3.4
Max	17.6	17.5	16.7	4.4	5.7	-1.9	10.5	88.8	4.2
Hr. of Max	17	17	17	23	21	05	18	07	05
Min	-1.1	-.3	1.6	-.4	-1.4	-10.6	5.9	14.7	2.1
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	0.002668	4.2	.0	.00	29.14	-2.5	268	240	239
01:00	0.00296	4.7	.0	.00	29.14	-2.1	352	103	197
02:00	0.003203	5.1	.0	.00	29.14	-1.9	340	47	182
03:00	0.003201	5.1	.0	.00	29.15	-2.6	313	70	260
04:00	0.00316	5.0	.0	.00	29.16	-2.6	350	62	251
05:00	0.003358	5.3	.0	.00	29.17	-2.7	24	58	133
06:00	0.003165	5.0	.0	.00	29.18	-2.6	321	80	158
07:00	0.003137	5.0	.0	.00	29.19	12.6	321	62	216
08:00	0.003039	4.8	.0	.00	29.20	120.3	109	57	225
09:00	0.003196	5.1	.0	.00	29.21	386.6	118	131	207
10:00	0.00312	4.9	.0	.00	29.21	582.8	126	147	185
11:00	0.002501	4.0	.0	.00	29.20	700.4	110	129	185
12:00	0.002376	3.8	.0	.00	29.17	763.5	64	97	123
13:00	0.002418	3.8	.0	.00	29.13	763.5	182	156	127
14:00	0.002021	3.2	.0	.00	29.10	666.9	124	147	161
15:00	0.001801	2.8	.0	.00	29.08	480.0	181	184	173
16:00	0.001912	3.0	.0	.00	29.07	352.5	167	176	186
17:00	0.001903	3.0	.0	.00	29.05	143.1	205	203	200
18:00	0.002191	3.5	.0	.00	29.05	5.9	333	235	224
19:00	0.002596	4.1	.0	.00	29.05	-1.3	42	18	235
20:00	0.003215	5.1	.0	.00	29.05	-1.7	48	52	204
21:00	0.002943	4.6	.0	.00	29.06	-1.9	352	308	203
22:00	0.003237	5.1	.0	.00	29.07	-2.0	38	342	221
23:00	0.003082	4.9	.0	.00	29.06	-2.3	291	260	216
Avg	0.002767	4.4	.0	.00	29.13	206.3	26	104	197
Max	0.003358	5.3	.0	.00	29.21	763.5	352	342	260
Hr. of Max	05	05	23	23	10	13	21	22	03
Min	0.001801	2.8	.0	.00	29.05	-2.7	24	18	123
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	4	2	1	.4	.8	6.1	2.7	6.9	12.8
01:00	10	11	1	.3	.7	5.7	1.6	1.8	10.8
02:00	8	12	3	.2	.5	6.6	1.1	2.1	16.3
03:00	12	8	4	.4	.9	5.9	1.8	2.3	13.3
04:00	15	5	7	.3	.7	2.4	1.4	1.8	11.0
05:00	10	5	4	.6	.9	1.1	1.8	2.2	4.4
06:00	8	5	5	.7	1.1	4.1	2.3	2.7	7.8
07:00	12	3	6	.2	.7	2.4	1.4	1.8	10.3
08:00	14	9	3	.4	.7	1.2	2.3	1.8	3.2
09:00	21	21	7	1.4	1.7	2.3	3.2	3.2	4.4
10:00	23	30	19	1.5	1.8	2.3	4.6	3.9	6.2
11:00	23	27	31	2.5	2.2	2.0	7.3	7.1	6.4
12:00	28	39	29	2.9	2.9	2.9	8.7	10.5	9.8
13:00	23	31	30	3.0	2.4	2.3	9.8	10.1	7.8
14:00	22	23	22	3.9	3.8	4.1	12.6	12.4	10.8
15:00	22	20	17	4.1	4.4	4.9	11.2	11.9	11.7
16:00	24	19	20	3.7	4.1	4.8	9.4	9.6	11.4
17:00	16	14	9	3.1	4.2	6.0	10.5	12.6	15.1
18:00	7	10	4	.7	1.7	5.9	3.7	6.4	10.8
19:00	13	15	2	.2	.0	5.7	1.4	.0	13.1
20:00	13	8	6	.2	.2	5.6	1.6	3.4	11.4
21:00	11	20	4	.0	.1	9.9	1.4	3.2	18.8
22:00	19	26	4	.2	.0	8.2	1.8	1.6	18.5
23:00	23	14	7	.2	2.2	9.6	1.6	5.7	18.8
Avg	16	16	10	1.3	1.6	4.7	4.4	5.2	11.0
Max	28	39	31	4.1	4.4	9.9	12.6	12.6	18.8
Hr. of Max	12	12	11	15	15	21	14	17	23
Min	4	2	1	.0	.0	1.1	1.1	.0	3.2
Count	24	24	24	24	24	24	24	24	24
Total									