Current Time: 10:26 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/14/2014

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	.9	1.7	1.9	.8	1.0	-2.6	2.5	77.9	4.0
01:00	.5	1.3	1.5	.8	1.0	-2.2	2.4	82.5	4.1
02:00	-.6	.5	.9	1.1	1.5	-2.4	2.4	87.9	4.1
03:00	-1.2	.1	.3	1.4	1.5	-2.2	2.3	93.8	4.1
04:00	-1.7	-.5	-.3	1.3	1.4	-2.4	2.2	96.1	4.1
05:00	-2.4	-.6	-.3	1.8	2.1	-2.9	2.2	96.8	3.9
06:00	-2.6	-.5	-.3	2.1	2.3	-3.1	2.2	96.9	3.9
07:00	-3.0	-.7	-.3	2.3	2.7	-3.5	2.1	96.9	3.8
08:00	-1.6	.1	.0	1.7	1.6	-2.6	2.1	92.9	4.0
09:00	1.8	2.0	.6	.2	-1.2	-2.6	2.1	73.0	4.0
10:00	4.1	3.9	2.8	-.1	-1.3	-2.4	2.0	63.3	4.0
11:00	6.4	6.2	5.1	-.2	-1.3	-2.6	2.0	53.3	3.9
12:00	7.7	7.5	6.4	-.2	-1.3	-2.4	2.2	49.2	4.0
13:00	8.4	8.1	7.4	-.3	-1.1	-2.0	2.8	48.4	4.1
14:00	8.8	8.6	7.8	-.3	-1.0	-1.8	3.4	47.7	4.1
15:00	9.2	9.0	8.3	-.2	-.9	-1.1	3.9	49.1	4.4
16:00	9.7	9.5	8.9	-.1	-.8	.0	4.2	51.6	4.7
17:00	9.4	9.3	8.9	-.1	-.5	.5	4.3	54.0	4.9
18:00	8.9	8.9	8.6	-.1	-.3	1.2	4.4	58.9	5.1
19:00	7.0	7.1	7.0	.0	.0	4.7	4.4	86.2	6.6
20:00	6.0	6.5	6.4	.5	.4	5.3	4.4	96.1	6.9
21:00	6.4	6.4	6.3	.0	-.1	5.8	4.3	97.1	7.2
22:00	5.9	5.8	5.7	-.1	-.2	5.4	4.3	97.3	7.0
23:00	5.6	5.5	5.3	-.1	-.3	5.1	4.3	97.4	6.8
Avg	3.9	4.4	4.1	.5	.2	-.5	3.1	76.8	4.7
Max	9.7	9.5	8.9	2.3	2.7	5.8	4.4	97.4	7.2
Hr. of Max	16	16	17	07	07	21	20	23	21
Min	-3.0	-.7	-.3	-.3	-1.3	-3.5	2.0	47.7	3.8
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	0.003235	5.1	.0	.00	28.90	-3.0	235	242	224
01:00	0.003322	5.2	.0	.00	28.91	-2.7	233	237	219
02:00	0.003274	5.1	.0	.00	28.90	-2.8	250	230	215
03:00	0.003327	5.2	.0	.00	28.90	-2.9	308	315	234
04:00	0.003284	5.1	.0	.00	28.90	-3.0	284	223	225
05:00	0.003152	4.9	.0	.00	28.91	-3.3	248	244	234
06:00	0.003114	4.9	.0	.00	28.92	-3.5	253	234	245
07:00	0.003012	4.7	.0	.00	28.92	15.7	249	243	232
08:00	0.003212	5.0	.0	.00	28.91	58.0	225	242	235
09:00	0.003225	5.1	.1	.00	28.92	339.0	234	251	252
10:00	0.003284	5.1	.0	.00	28.92	515.8	213	219	225
11:00	0.003248	5.1	.0	.00	28.91	659.1	233	237	225
12:00	0.003292	5.2	.0	.00	28.90	510.2	218	222	219
13:00	0.003405	5.3	.0	.00	28.86	503.5	185	189	186
14:00	0.003456	5.4	.0	.00	28.82	317.3	190	195	192
15:00	0.003654	5.7	.0	.00	28.80	156.6	217	218	207
16:00	0.00396	6.2	.0	.00	28.79	81.1	218	221	213
17:00	0.004084	6.4	.0	.00	28.77	14.0	212	213	205
18:00	0.004298	6.7	.0	.00	28.76	-1.5	223	224	213
19:00	0.005508	8.6	.7	.02	28.78	-2.2	251	245	228
20:00	0.00576	8.9	.9	.03	28.76	-2.2	250	243	225
21:00	0.005971	9.3	1.4	.05	28.75	-1.9	223	224	213
22:00	0.005775	9.0	.4	.01	28.74	-1.4	226	229	221
23:00	0.005654	8.8	.1	.00	28.73	-1.9	232	235	229
Avg	0.003896	6.1	.2	.00	28.85	130.8	233	231	222
Max	0.005971	9.3	1.4	.05	28.92	659.1	308	315	252
Hr. of Max	21	21	21	21	10	11	03	03	09
Min	0.003012	4.7	.0	.00	28.73	-3.5	185	189	186
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	5	4	2	2.7	5.0	12.3	4.4	8.7	24.7
01:00	7	4	2	2.5	5.6	12.3	4.4	10.5	26.3
02:00	15	13	4	1.4	2.4	7.3	3.2	10.8	21.8
03:00	15	8	4	.5	1.0	3.8	2.5	2.3	8.5
04:00	17	5	5	1.1	1.6	5.6	2.7	3.9	8.0
05:00	3	3	1	2.1	3.4	7.4	4.6	7.3	14.9
06:00	4	2	1	1.9	3.3	6.6	3.7	6.4	13.7
07:00	5	2	2	2.3	3.3	7.9	4.1	7.1	13.5
08:00	6	5	3	2.8	4.1	8.6	4.8	8.2	15.8
09:00	14	13	11	4.0	5.0	7.5	8.9	10.3	18.8
10:00	15	14	10	5.6	6.9	8.2	12.6	15.1	14.7
11:00	18	15	10	6.7	8.1	10.1	15.8	17.4	20.2
12:00	18	18	9	5.7	6.9	8.5	16.5	17.6	21.1
13:00	18	16	12	6.0	7.4	9.0	14.2	15.1	16.7
14:00	19	17	10	6.0	7.5	10.1	17.4	24.7	30.5
15:00	18	17	10	4.3	5.6	8.6	12.8	15.1	19.7
16:00	18	16	8	5.4	7.5	12.5	15.8	16.7	22.2
17:00	19	15	10	6.5	9.1	14.5	16.0	17.9	29.3
18:00	20	16	9	5.4	8.2	14.5	13.1	19.7	35.3
19:00	19	14	8	5.0	8.1	14.9	22.0	27.5	43.5
20:00	21	15	7	2.8	5.6	12.4	10.3	15.1	27.9
21:00	20	14	9	5.9	9.2	16.8	17.4	18.3	28.4
22:00	19	14	7	6.7	9.8	17.3	18.3	20.8	30.9
23:00	16	11	6	5.2	8.2	14.8	12.1	16.0	26.3
Avg	15	11	7	4.1	6.0	10.5	10.7	13.9	22.2
Max	21	18	12	6.7	9.8	17.3	22.0	27.5	43.5
Hr. of Max	20	12	13	22	22	22	19	19	19
Min	3	2	1	.5	1.0	3.8	2.5	2.3	8.0
Count	24	24	24	24	24	24	24	24	24
Total									