Current Time: 12:36 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/18/2014

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	7.8	8.1	8.3	.3	.5	5.0	6.3	83.3	6.8
01:00	7.3	7.8	7.8	.5	.5	3.2	6.1	75.8	5.9
02:00	5.3	6.6	7.2	1.3	1.9	2.8	5.8	84.8	5.8
03:00	3.2	4.6	6.1	1.3	2.9	2.6	5.5	96.2	5.8
04:00	2.0	3.2	5.0	1.2	3.0	1.5	5.2	97.2	5.4
05:00	1.1	2.1	4.4	.9	3.3	.6	4.9	97.2	5.1
06:00	.6	1.6	3.3	1.0	2.7	.1	4.6	97.2	4.9
07:00	-.2	.7	2.7	.9	2.9	-.6	4.3	97.2	4.6
08:00	.8	1.1	3.3	.3	2.5	.3	4.1	97.3	5.0
09:00	4.5	4.1	4.1	-.4	-.4	2.5	4.0	88.1	5.7
10:00	8.4	8.0	7.2	-.4	-1.2	1.4	4.2	62.5	5.2
11:00	10.6	10.1	9.4	-.4	-1.2	-1.8	4.7	42.6	4.1
12:00	11.7	11.3	10.4	-.5	-1.3	-2.8	5.2	36.6	3.8
13:00	12.8	12.4	11.5	-.4	-1.3	-3.9	6.0	31.6	3.5
14:00	13.9	13.5	12.3	-.3	-1.6	-6.2	6.7	24.9	3.0
15:00	15.1	14.8	13.7	-.3	-1.4	-7.0	7.2	21.7	2.8
16:00	15.7	15.4	14.3	-.3	-1.4	-4.8	7.7	24.6	3.3
17:00	15.5	15.5	14.7	.0	-.8	-4.2	8.0	26.1	3.4
18:00	13.0	14.0	14.7	1.0	1.7	-3.4	8.1	32.5	3.7
19:00	10.8	12.0	13.7	1.2	2.9	-2.5	7.9	40.0	3.9
20:00	9.6	11.0	12.8	1.4	3.2	-.7	7.6	49.1	4.5
21:00	9.3	10.5	12.3	1.1	3.0	-.5	7.4	50.7	4.5
22:00	9.3	10.3	12.1	1.0	2.8	-1.2	7.2	48.3	4.3
23:00	9.4	10.2	11.7	.9	2.3	-1.0	7.0	48.8	4.4
Avg	8.2	8.7	9.3	.5	1.1	-.9	6.1	60.6	4.6
Max	15.7	15.5	14.7	1.4	3.3	5.0	8.1	97.3	6.8
Hr. of Max	16	17	18	20	05	00	18	08	00
Min	-.2	.7	2.7	-.5	-1.6	-7.0	4.0	21.7	2.8
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	0.00558	8.8	.0	.00	29.16	-2.0	281	284	285
01:00	0.004886	7.7	.0	.00	29.17	-2.2	277	280	283
02:00	0.004749	7.5	.0	.00	29.18	-2.1	352	33	233
03:00	0.004668	7.4	.0	.00	29.18	-2.3	25	45	198
04:00	0.004317	6.8	.0	.00	29.19	-2.0	357	40	193
05:00	0.004054	6.4	.0	.00	29.20	-2.4	23	70	251
06:00	0.003896	6.2	.0	.00	29.21	-2.8	34	48	46
07:00	0.003685	5.8	.0	.00	29.23	27.5	277	113	137
08:00	0.003958	6.3	.0	.00	29.24	68.0	88	60	81
09:00	0.004636	7.3	.0	.00	29.26	358.0	123	107	33
10:00	0.00431	6.8	.0	.00	29.25	556.5	116	122	110
11:00	0.003416	5.4	.0	.00	29.24	669.4	101	100	85
12:00	0.003175	5.0	.0	.00	29.22	740.8	126	133	135
13:00	0.002944	4.7	.0	.00	29.19	637.4	135	137	148
14:00	0.002488	3.9	.0	.00	29.17	542.2	141	154	163
15:00	0.002353	3.7	.0	.00	29.15	414.6	199	196	190
16:00	0.00277	4.4	.0	.00	29.12	294.9	189	196	195
17:00	0.002906	4.6	.0	.00	29.10	82.8	227	209	199
18:00	0.00307	4.8	.0	.00	29.08	3.0	359	22	231
19:00	0.003274	5.2	.0	.00	29.07	-1.9	60	49	259
20:00	0.003717	5.8	.0	.00	29.05	-1.9	51	33	266
21:00	0.003766	5.9	.0	.00	29.05	-1.9	258	261	282
22:00	0.003579	5.6	.0	.00	29.04	-2.4	254	237	252
23:00	0.003637	5.7	.0	.00	29.02	-2.2	265	250	244
Avg	0.003743	5.9	.0	.00	29.16	182.0	62	98	206
Max	0.00558	8.8	.0	.00	29.26	740.8	359	284	285
Hr. of Max	00	00	23	23	09	12	18	00	00
Min	0.002353	3.7	.0	.00	29.02	-2.8	23	22	33
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	18	13	7	4.3	7.3	14.7	19.9	22.9	29.3
01:00	15	13	5	3.6	6.5	13.7	9.8	14.9	22.4
02:00	17	12	13	.6	1.2	4.8	3.4	6.6	21.3
03:00	7	5	4	.3	.8	5.1	1.4	2.1	12.1
04:00	6	7	2	.4	.8	5.4	.9	2.0	12.8
05:00	7	4	3	.3	.8	2.2	1.8	2.0	6.6
06:00	12	7	13	.4	.8	1.5	3.4	2.0	3.4
07:00	8	5	2	.6	1.0	1.9	2.3	2.5	3.4
08:00	8	11	2	1.2	1.2	2.2	4.8	4.6	5.5
09:00	17	14	9	1.4	1.6	2.1	3.9	6.0	8.0
10:00	22	27	17	1.4	1.6	2.2	4.6	4.6	5.3
11:00	25	24	21	3.3	3.4	3.7	10.1	11.7	11.9
12:00	20	21	28	4.0	3.9	4.3	14.4	16.7	14.2
13:00	27	29	23	2.9	2.9	3.4	11.2	13.3	10.5
14:00	22	22	18	2.9	3.0	3.7	12.1	10.5	10.1
15:00	25	21	24	3.7	4.2	4.9	10.3	11.0	10.5
16:00	20	21	15	3.9	4.7	6.4	9.2	11.2	14.7
17:00	15	11	7	2.4	3.4	6.0	8.5	12.1	13.3
18:00	10	9	3	.7	1.2	3.1	3.2	3.5	7.8
19:00	10	14	2	.4	.9	3.5	1.4	2.5	6.2
20:00	20	21	13	1.2	1.5	2.2	5.3	4.4	6.0
21:00	11	11	2	1.0	1.4	3.9	2.7	3.5	6.2
22:00	9	9	3	.8	1.3	4.9	2.3	3.2	8.5
23:00	9	12	5	.7	1.7	7.5	2.5	5.0	11.7
Avg	15	14	10	1.8	2.4	4.7	6.2	7.5	10.9
Max	27	29	28	4.3	7.3	14.7	19.9	22.9	29.3
Hr. of Max	13	13	12	00	00	00	00	00	00
Min	6	4	2	.3	.8	1.5	.9	2.0	3.4
Count	24	24	24	24	24	24	24	24	24
Total									