Current Time: 7:49 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/15/2014

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	5.4	5.3	5.0	-.1	-.4	4.9	4.3	97.4	6.8
01:00	3.6	3.4	3.1	-.2	-.5	2.4	4.3	92.5	5.7
02:00	3.0	2.8	2.4	-.2	-.6	1.3	4.2	89.1	5.3
03:00	1.6	1.4	1.0	-.2	-.6	-1.0	4.1	83.5	4.5
04:00	.7	.5	.0	-.2	-.7	-1.8	4.0	83.5	4.2
05:00	-.2	-.4	-.9	-.2	-.7	-2.7	3.8	83.4	4.0
06:00	-1.3	-1.5	-2.0	-.2	-.7	-3.6	3.7	84.6	3.7
07:00	-2.3	-2.5	-3.0	-.2	-.7	-5.1	3.5	81.5	3.4
08:00	-3.0	-3.3	-3.8	-.2	-.8	-6.5	3.3	77.5	3.0
09:00	-3.1	-3.3	-3.9	-.2	-.8	-7.4	3.2	72.4	2.8
10:00	-2.5	-2.7	-3.3	-.2	-.8	-7.6	3.1	68.0	2.8
11:00	-1.9	-2.1	-2.8	-.3	-.9	-7.9	3.1	63.7	2.7
12:00	-1.1	-1.3	-1.9	-.2	-.8	-9.2	3.3	54.3	2.4
13:00	.1	-.4	-.8	-.5	-.9	-8.8	3.7	51.6	2.5
14:00	.9	.6	.0	-.3	-.9	-9.1	4.2	47.6	2.4
15:00	1.1	.8	.2	-.3	-.9	-9.3	4.6	46.2	2.4
16:00	1.4	1.2	.5	-.2	-.9	-9.5	4.9	44.5	2.4
17:00	1.0	.8	.3	-.2	-.7	-9.1	5.1	47.2	2.4
18:00	.8	.6	.2	-.2	-.6	-8.4	5.1	50.7	2.6
19:00	.1	.3	.2	.2	.1	-7.7	4.9	56.3	2.7
20:00	-.4	.1	.0	.4	-.4	-6.8	4.6	62.2	2.9
21:00	-.8	-.8	-1.1	.1	-.3	-5.9	4.4	69.7	3.2
22:00	-2.0	-2.2	-2.4	-.2	-.4	-2.7	4.2	95.5	4.0
23:00	-1.6	-1.8	-2.1	-.2	-.5	-2.2	4.0	96.6	4.2
Avg	.0	-.2	-.6	-.2	-.6	-5.2	4.1	70.8	3.5
Max	5.4	5.3	5.0	.4	.1	4.9	5.1	97.4	6.8
Hr. of Max	00	00	00	20	19	00	18	00	00
Min	-3.1	-3.3	-3.9	-.5	-.9	-9.5	3.1	44.5	2.4
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	0.005605	8.7		.00	28.74	-1.8	244	250	246
01:00	0.004667	7.3	.0	.00	28.78	-2.6	280	290	289
02:00	0.004305	6.7	.0	.00	28.79	-2.1	278	283	293
03:00	0.003648	5.7	.0	.00	28.83	-2.3	274	284	295
04:00	0.003423	5.4	.0	.00	28.88	-2.5	272	281	287
05:00	0.003191	5.0	.0	.00	28.92	-1.9	270	275	279
06:00	0.002988	4.7	.0	.00	28.98	-2.6	265	270	277
07:00	0.002671	4.2	.0	.00	29.01	2.3	273	279	286
08:00	0.002389	3.8	.0	.00	29.06	100.7	247	255	264
09:00	0.002221	3.5	.0	.00	29.09	203.2	277	281	284
10:00	0.002185	3.5	.0	.00	29.11	326.0	274	277	275
11:00	0.002142	3.4	.0	.00	29.13	409.2	259	263	264
12:00	0.001938	3.1	.0	.00	29.13	677.1	253	264	268
13:00	0.001998	3.2	.0	.00	29.12	717.9	112	111	120
14:00	0.001953	3.1	.0	.00	29.14	629.3	247	255	252
15:00	0.001922	3.0	.0	.00	29.14	437.5	240	249	251
16:00	0.001896	3.0	.0	.00	29.14	308.3	253	260	263
17:00	0.001957	3.1	.0	.00	29.14	70.7	278	282	277
18:00	0.002065	3.3	.0	.00	29.16	-.2	284	285	298
19:00	0.002185	3.5	.0	.00	29.14	-2.3	287	219	317
20:00	0.002332	3.7	.0	.00	29.14	-2.2	264	296	309
21:00	0.002509	4.0	.0	.00	29.13	-1.7	247	278	288
22:00	0.003178	5.0	2.2	.09	29.14	-2.1	230	263	246
23:00	0.003296	5.2	.0	.00	29.14	-2.0	178	301	317
Avg	0.002778	4.4	.1	.00	29.04	160.7	259	271	278
Max	0.005605	8.7	2.2	.09	29.16	717.9	287	301	317
Hr. of Max	00	00	22	22	18	13	19	23	23
Min	0.001896	3.0	.0	.00	28.74	-2.6	112	111	120
Count	24	24	23	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	14	7	5.5	8.1	14.2	18.0	21.5	29.8
01:00	18	15	10	9.4	11.1	18.8	19.0	22.7	28.4
02:00	23	21	15	7.9	10.2	16.0	21.5	23.4	30.2
03:00	25	22	13	8.4	10.3	16.8	23.1	25.2	37.8
04:00	20	19	13	6.2	7.8	13.1	17.4	17.6	27.0
05:00	19	18	10	7.7	10.0	16.0	22.4	26.1	29.3
06:00	19	17	11	7.9	10.0	15.9	21.3	25.2	36.4
07:00	24	19	10	8.4	10.8	17.3	19.9	25.0	28.2
08:00	21	18	13	6.8	8.0	11.6	14.9	18.3	26.3
09:00	19	17	9	7.4	9.1	12.8	16.9	19.7	21.1
10:00	20	16	13	5.5	6.5	8.2	14.9	15.6	27.0
11:00	18	15	13	6.4	7.5	8.5	14.0	14.4	14.2
12:00	27	22	26	4.7	5.4	5.8	17.4	18.8	23.1
13:00	26	21	31	4.0	4.1	3.6	9.4	10.1	11.2
14:00	19	22	19	7.0	8.1	9.2	22.2	21.8	19.2
15:00	23	21	17	5.6	6.1	7.6	16.0	18.8	26.1
16:00	21	22	15	4.7	5.1	6.4	14.0	12.1	15.1
17:00	14	12	7	3.9	4.9	6.6	8.5	11.4	14.4
18:00	20	16	10	1.6	2.2	4.9	7.1	11.7	17.4
19:00	13	10	15	1.2	1.5	1.5	3.9	3.4	3.4
20:00	12	8	2	1.7	2.0	2.6	3.9	5.5	5.3
21:00	17	12	8	1.3	1.5	2.0	3.0	3.2	5.0
22:00	14	10	7	1.8	2.0	3.1	5.3	5.3	5.5
23:00	22	21	18	.8	1.0	1.3	3.7	2.7	3.7
Avg	20	17	13	5.2	6.4	9.3	14.1	15.8	20.2
Max	27	22	31	9.4	11.1	18.8	23.1	26.1	37.8
Hr. of Max	12	16	13	01	01	01	03	05	03
Min	12	8	2	.8	1.0	1.3	3.0	2.7	3.4
Count	24	24	24	24	24	24	24	24	24
Total									