Current Time: 9:02 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/16/2014

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	-1.5	-1.7	-2.1	-.2	-.6	-2.1	3.8	96.6	4.2
01:00	-1.4	-1.6	-1.9	-.2	-.5	-2.0	3.7	96.3	4.2
02:00	-1.4	-1.5	-1.9	-.1	-.5	-2.0	3.7	96.3	4.2
03:00	-1.3	-1.3	-1.6	.0	-.3	-2.0	3.6	95.3	4.2
04:00	-1.5	-1.3	-1.1	.2	.4	-2.0	3.5	96.8	4.2
05:00	-2.4	-1.7	-1.4	.7	1.0	-2.9	3.4	96.9	4.0
06:00	-3.2	-2.3	-1.7	.9	1.5	-3.7	3.4	96.9	3.7
07:00	-3.3	-3.0	-2.2	.3	1.1	-3.8	3.2	96.9	3.7
08:00	-2.4	-2.4	-1.8 D	.1	.6 D	-3.8	3.1	91.0	3.7
09:00	.5	.5	-.1	.0	-.6	-3.6	3.1	74.6	3.7
10:00	3.9	3.7	2.6	-.1	-1.3	-3.7	3.1	58.5	3.7
11:00	6.4	6.2	5.1	-.2	-1.3	-3.5	3.3	49.5	3.7
12:00	8.2	7.9	7.1	-.2	-1.1	-3.2	3.7	45.0	3.7
13:00	10.1	9.8	8.8	-.3	-1.3	-2.8	4.5	40.8	3.8
14:00	11.5	11.3	10.2	-.2	-1.3	-3.1	5.1	36.4	3.7
15:00	12.4	12.2	11.1	-.2	-1.3	-3.1	5.7	34.4	3.7
16:00	13.2	13.0	12.2	-.2	-1.0	-2.8	6.2	33.2	3.8
17:00	12.4	12.3	11.7	-.1	-.7	-2.3	6.6	36.5	4.0
18:00	10.8	10.8	10.3	.0	-.5	-1.4	6.7	43.0	4.2
19:00	9.4	9.8	9.7	.5	.3	-1.1	6.5	48.4	4.3
20:00	6.5	8.2	8.3	1.8	1.8	-.8	6.2	60.3	4.5
21:00	4.5	6.2	7.0	1.7	2.5	-.3	5.8	71.5	4.7
22:00	3.1	4.7	6.1	1.6	3.0	.4	5.4	82.8	4.9
23:00	2.3	4.0	5.0	1.7	2.7	.2	5.1	86.9	4.9
Avg	4.0	4.3	4.1	.3	.1	-2.3	4.5	69.4	4.1
Max	13.2	13.0	12.2	1.8	3.0	.4	6.7	96.9	4.9
Hr. of Max	16	16	16	20	22	22	18	07	23
Min	-3.3	-3.0	-2.2	-.3	-1.3	-3.8	3.1	33.2	3.7
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	0.003329	5.2	.0	.00	29.12	-3.0	336	350	76
01:00	0.003344	5.3	.0	.00	29.10	-3.3	297	283	155
02:00	0.003358	5.3	.0	.00	29.09	-2.8	1	17	44
03:00	0.003342	5.3	.0	.00	29.10	-2.9	337	338	328
04:00	0.00334	5.3	.0	.00	29.09	-2.8	267	214	297
05:00	0.003137	4.9	.0	.00	29.09	-2.8	308	333	281
06:00	0.002957	4.7	.0	.00	29.09	-3.0	274	227	256
07:00	0.002928	4.6	.0	.00	29.11	10.1	18	71	243
08:00	0.002923	4.6	.0	.00	29.12	35.5	109	73	116
09:00	0.002968	4.7	.0	.00	29.13	324.0	190	206	224
10:00	0.002958	4.7	.0	.00	29.13	548.9	213	221	225
11:00	0.003003	4.7	.0	.00	29.14	651.4	211	211	221
12:00	0.003082	4.9	.0	.00	29.13	718.3	225	244	249
13:00	0.003177	5.0	.0	.00	29.11	710.2	229	236	230
14:00	0.00312	4.9	.0	.00	29.10	628.3	244	243	237
15:00	0.003134	4.9	.0	.00	29.09	430.7	263	266	260
16:00	0.003196	5.0	.0	.00	29.10	313.2	259	260	259
17:00	0.003318	5.2	.0	.00	29.12	84.7	292	298	298
18:00	0.003517	5.5	.0	.00	29.14	1.8	310	319	316
19:00	0.003591	5.7	.0	.00	29.17	-1.8	282	297	309
20:00	0.003661	5.8	.0	.00	29.18	-2.0	350	326	350
21:00	0.003798	6.0	.0	.00	29.19	-2.1	356	286	346
22:00	0.003982	6.3	.0	.00	29.19	-2.3	44	52	32
23:00	0.003935	6.2	.0	.00	29.20	-2.1	48	62	52
Avg	0.003296	5.2	.0	.00	29.13	184.4	293	286	280
Max	0.003982	6.3	.0	.00	29.20	718.3	356	350	350
Hr. of Max	22	22	23	23	23	12	21	00	20
Min	0.002923	4.6	.0	.00	29.09	-3.3	1	17	32
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	17	9	1.0	1.0	1.1	3.4	3.7	4.6
01:00	18	16	13	1.3	1.5	2.1	6.9	8.0	8.7
02:00	17	11	3	1.0	2.4	2.6	3.2	6.0	5.5
03:00	11	15	6	.7	1.3	3.9	2.7	5.0	7.1
04:00	6	5	5	1.5	1.7	2.2	3.0	2.7	8.5
05:00	6	10	3	.7	1.2	2.7	3.0	2.3	4.1
06:00	11	12	2	1.1	1.6	3.8	2.5	3.0	5.7
07:00	16	6	9	.6	.7	1.6	2.3	2.3	5.0
08:00	15	11	9	.3	.5	.8	2.3	2.1	4.6
09:00	17	17	6	1.6	1.7	5.4	6.6	8.2	10.8
10:00	18	16	11	4.5	4.9	6.6	10.3	9.8	14.0
11:00	19	20	11	4.3	4.9	6.1	9.6	12.4	12.8
12:00	27	25	18	4.4	4.7	5.6	13.5	11.7	12.1
13:00	27	22	20	5.4	6.4	7.4	13.1	13.7	15.6
14:00	29	28	17	4.7	5.4	7.0	12.8	14.0	16.9
15:00	21	19	14	5.8	6.7	8.3	21.8	20.4	25.0
16:00	22	17	11	5.9	7.5	10.5	15.6	17.2	20.6
17:00	21	18	11	4.4	5.8	9.8	14.0	14.7	19.9
18:00	22	19	10	2.4	3.5	8.5	6.9	11.0	14.4
19:00	14	15	10	1.8	2.9	7.5	4.8	8.5	19.0
20:00	8	11	14	.6	1.0	3.9	3.9	5.7	15.1
21:00	12	12	6	.7	1.0	4.8	2.7	3.2	9.4
22:00	11	6	10	.7	1.2	6.7	2.1	4.4	13.7
23:00	9	5	3	.5	3.0	6.6	2.1	7.8	16.0
Avg	16	15	10	2.3	3.0	5.2	7.0	8.2	12.0
Max	29	28	20	5.9	7.5	10.5	21.8	20.4	25.0
Hr. of Max	14	14	13	16	16	16	15	15	15
Min	6	5	2	.3	.5	.8	2.1	2.1	4.1
Count	24	24	24	24	24	24	24	24	24
Total									