Current Time: 6:06 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/5/2014

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	2.1	2.4	2.4	.3	.3	.0	1.2	87.0	4.8
01:00	2.0	2.4	2.4	.3	.4	.0	1.2	86.7	4.8
02:00	2.0	2.3	2.7	.3	.3	-.1	1.2	86.6	4.8
03:00	2.4	2.8	2.9	.4	.4	-.1	1.2	84.5	4.8
04:00	2.8	3.0	3.3	.2	.2	.4	1.2	85.0	5.0
05:00	3.3	3.4	3.3	.0	.0	1.2	1.3	86.4	5.2
06:00	3.4	3.6	3.6	.1	.2	1.7	1.3	89.1	5.4
07:00	3.6	3.6	3.4	.0	-.2	2.2	1.3	91.0	5.6
08:00	3.7	3.5	3.3	-.2	-.4	2.1	1.3	90.3	5.6
09:00	3.7	3.5	3.3	-.2	-.4	1.4	1.4	85.6	5.3
10:00	4.7	4.4	3.9	-.3	-.8	1.8	1.5	82.0	5.4
11:00	6.8	6.6	5.9	-.3	-.9	2.2	1.7	73.1	5.6
12:00	9.2	9.0	8.0	-.2	-1.2	3.3	2.1	67.4	6.0
13:00	11.0	10.6	9.8	-.4	-1.2	4.3	2.4	64.3	6.4
14:00	11.3	11.1	10.3	-.2	-1.0	5.0	3.0	65.9	6.7
15:00	10.0	9.8	8.9	-.2	-1.1	4.6	3.4	69.7	6.5
16:00	8.9	8.8	8.1	-.2	-.8	4.7	3.7	75.3	6.6
17:00	8.5	8.3	7.8	-.2	-.7	4.8	3.9	78.5	6.7
18:00	8.2	8.2	8.0	.0	-.2	5.2	4.0	81.7	6.8
19:00	9.5	10.0	10.2	.4	.7	7.7	4.1	89.7	8.2
20:00	11.1	11.1	10.7	.0	-.4	10.5	4.2	97.4	9.7
21:00	10.6	10.6	10.1	-.1	-.5	10.1	4.4	97.6	9.4
22:00	9.0	8.7	8.3	-.3	-.7	8.4	4.7	97.6	8.5
23:00	3.2	2.8	2.5	-.4	-.7	2.7	4.9	97.2	5.8
Avg	6.3	6.3	6.0	-.1	-.4	3.5	2.5	83.7	6.2
Max	11.3	11.1	10.7	.4	.7	10.5	4.9	97.6	9.7
Hr. of Max	14	20	20	19	19	20	23	22	20
Min	2.0	2.3	2.4	-.4	-1.2	-.1	1.2	64.3	4.8
Count	24	24	24	24	24	24	24	24	24
Total									

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	14_Mix Ratio	15_Vapor Pr	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m	29_Sigma_10m
Hour	None	KPa	INCHES	INHG	W/M2	DEG	DEG	DEG	DEG
00:00	0.003887	6.1	.00	29.16	-2.3	225	225	244	10
01:00	0.003867	6.1	.00	29.15	-1.7	341	250	234	8
02:00	0.003845	6.1	.00	29.14	-2.8	326	65	244	7
03:00	0.003862	6.1	.00	29.14	-2.6	226	239	258	8
04:00	0.004001	6.3	.00	29.14	-2.7	215	227	254	9
05:00	0.004224	6.7	.00	29.13	-2.5	229	229	245	9
06:00	0.004398	6.9	.00	29.12	-2.6	223	224	225	8
07:00	0.004548	7.2	.00	29.11	-1.7	229	214	214	13
08:00	0.004537	7.1	.00	29.10	19.9	191	193	183	14
09:00	0.0043	6.8	.00	29.09	89.3	198	204	224	13
10:00	0.004426	7.0	.00	29.07	241.4	155	166	194	17
11:00	0.004584	7.2	.00	29.03	501.5	171	190	218	22
12:00	0.004965	7.8	.00	28.98	460.0	219	218	205	25
13:00	0.005354	8.4	.00	28.92	357.1	175	186	185	25
14:00	0.005615	8.8	.00	28.88	106.1	225	225	196	16
15:00	0.005463	8.5	.00	28.86	65.5	267	269	263	15
16:00	0.005492	8.5	.00	28.84	31.4	268	275	261	18
17:00	0.005561	8.7	.00	28.83	3.3	268	281	279	17
18:00	0.005692	8.8	.00	28.81	-1.7	190	222	238	21
19:00	0.006897	10.7	.02	28.78	-1.9	253	238	223	25
20:00	0.008242	12.7	.01	28.76	-1.9	232	231	218	19
21:00	0.008006	12.4	.07	28.74	-1.9	242	242	228	17
22:00	0.007167	11.1	.09	28.76	-1.5	263	267	263	18
23:00	0.004775	7.4	.02	28.83	-2.0	272	280	284	22
Avg	0.005155	8.1	.00	28.97	76.9	231	230	233	16
Max	0.008242	12.7	.09	29.16	501.5	341	281	284	25
Hr. of Max	20	20	22	00	11	01	17	23	19
Min	0.003845	6.1	.00	28.74	-2.8	155	65	183	7
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	MPH	MPH	MPH	MPH	MPH	MPH
00:00	7	7	.9	2.5	6.2	4.1	7.6	14.7
01:00	9	6	.6	.9	3.3	2.1	4.1	10.8
02:00	13	3	.6	.9	2.2	2.5	2.7	5.7
03:00	11	5	2.1	3.6	8.5	4.8	7.8	12.4
04:00	7	7	1.8	4.0	8.2	5.7	7.6	15.3
05:00	5	4	1.8	4.0	7.6	4.1	8.7	22.4
06:00	5	3	.9	2.5	6.0	4.6	7.6	14.7
07:00	10	4	1.5	3.0	6.2	3.7	6.0	12.4
08:00	12	9	1.4	2.1	3.4	4.1	5.7	15.1
09:00	13	13	1.8	1.7	2.1	5.5	5.7	6.2
10:00	19	18	2.6	2.8	3.1	6.4	6.0	8.0
11:00	18	23	3.5	3.8	3.8	8.7	9.6	9.6
12:00	24	19	3.7	4.2	5.3	9.2	9.6	13.5
13:00	18	14	4.8	6.0	6.9	11.4	11.9	13.3
14:00	17	13	2.4	2.8	4.1	14.7	16.7	21.5
15:00	13	10	4.0	4.9	6.3	9.6	11.2	11.2
16:00	13	10	2.4	3.0	4.9	13.1	14.4	11.9
17:00	16	8	3.3	4.4	8.5	10.1	14.0	16.3
18:00	15	11	1.3	1.1	4.9	3.4	9.2	11.9
19:00	16	7	4.3	6.8	16.8	18.8	22.4	34.1
20:00	16	8	7.5	10.7	18.9	18.3	33.4	35.5
21:00	14	7	6.4	9.5	16.2	15.1	19.7	33.4
22:00	15	9	11.5	15.5	24.5	33.0	36.4	43.1
23:00	18	10	12.5	16.2	26.9	35.3	39.4	45.8
Avg	14	10	3.5	4.9	8.5	10.3	13.2	18.3
Max	24	23	12.5	16.2	26.9	35.3	39.4	45.8
Hr. of Max	12	11	23	23	23	23	23	23
Min	5	3	.6	.9	2.1	2.1	2.7	5.7
Count	24	24	24	24	24	24	24	24
Total								