Current Time: 7:31 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/22/2014

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	-8.8	-9.0	-9.4	-.2	-.8	-15.7	2.7	57.5	1.5
01:00	-9.7	-9.9	-10.6	-.2	-.9	-16.8	2.6	56.8	1.4
02:00	-10.4	-10.6	-11.1	-.2	-.7	-17.2	2.5	57.6	1.3
03:00	-11.0	-11.2	-11.8	-.2	-.8	-17.8	2.3	57.6	1.3
04:00	-11.7	-11.7	-12.2	.0	-.5	-17.5	2.2	62.5	1.3
05:00	-12.5	-12.2	-12.4	.3	.1	-17.1	2.1	68.4	1.3
06:00	-13.3	-12.8	-12.8	.5	.5	-16.2	2.0	79.1	1.4
07:00	-13.8	-13.0	-13.0	.8	.7	-16.3	2.0	81.7	1.4
08:00	-12.8	-12.8	-12.6	.0	.2	-17.2	1.9	70.7	1.3
09:00	-11.2	-11.5	-12.2	-.3	-1.0	-18.4	1.8	55.6	1.2
10:00	-9.8	-10.3	-11.1	-.5	-1.3	-18.4	1.7	49.8	1.2
11:00	-8.6	-8.8	-9.8	-.3	-1.2	-17.8	1.7	47.6	1.2
12:00	-7.1	-7.5	-8.3	-.4	-1.2	-18.4	1.7	40.4	1.2
13:00	-5.9	-6.1	-7.2	-.2	-1.3	-19.6	1.7	33.6	1.1
14:00	-4.5	-4.8	-6.1	-.3	-1.6	-20.1	1.6	28.7	1.0
15:00	-3.9	-4.1	-5.2	-.3	-1.3	-18.8	1.6	30.6	1.1
16:00	-3.3	-3.5	-4.4	-.2	-1.1	-18.5	1.7	30.1	1.2 -
17:00	-3.0	-3.2	-3.9	-.2	-.9	-18.1	1.7	30.6	1.2
18:00	-3.1	-3.2	-3.2	-.1	-.1	-17.2	1.7	33.0	1.3
19:00	-3.0	-3.1	-3.1	-.1	.1	-17.6	1.7	32.0	1.3
20:00	-3.1	-3.3	-3.4	-.2	-.3	-19.1	1.7	28.2	1.1
21:00	-3.4	-3.6	-3.9	-.2	-.5	-17.6	1.7	32.8	1.3
22:00	-3.6	-3.7	-4.0	-.1	-.4	-16.7	1.7	35.8	1.3
23:00	-4.2	-4.0	-4.1	.2	.1	-15.5	1.7	41.4	1.5
Avg	-7.6	-7.7	-8.2	-.1	-.6	-17.7	1.9	47.6	1.3
Max	-3.0	-3.1	-3.1	.8	.7	-15.5	2.7	81.7	1.5
Hr. of Max	19	19	19	07	07	23	00	07	23
Min	-13.8	-13.0	-13.0	-.5	-1.6	-20.1	1.6	28.2	1.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "C" (1000 Area)

1/22/2014

Interval: 001h

	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	0.001141	1.8	.00	29.12	-3.8	273	280	290	16
01:00	0.001044	1.7	.00	29.13	-3.7	282	294	303	18
02:00	0.001004	1.6	.00	29.14	-3.7	308	326	328	22
03:00	0.000955	1.5	.00	29.15	-3.6	356	2	352	33
04:00	0.00098	1.6	.00	29.15	-3.6	328	2	4	15
05:00	0.001007	1.6	.00	29.16	-4.0	295	344	8	10
06:00	0.001089	1.7	.00	29.16	-3.9	276	287	45	6
07:00	0.001081	1.7	.00	29.17	-1.1	267	347	30	12
08:00	0.001006	1.6	.00	29.18	28.6	195	14	27	14
09:00	0.00091	1.4	.00	29.18	280.8	192	148	93	27
10:00	0.000907	1.4	.00	29.18	443.5	140	141	126	31
11:00	0.000959	1.5	.00	29.17	566.3	189	201	208	29
12:00	0.000914	1.4	.00	29.15	634.2	192	205	213	21
13:00	0.000832	1.3	.00	29.11	626.4	250	254	239	22
14:00	0.000793	1.3	.00	29.09	544.2	230	236	226	21
15:00	0.000888	1.4	.00	29.08	241.9	209	216	212	17
16:00	0.000911	1.4	.00	29.09	103.6	223	225	224	20
17:00	0.000943	1.5	.00	29.10	14.0	212	218	214	16
18:00	0.001013	1.6	.00	29.11	-2.5	241	237	226	11
19:00	0.000988	1.6	.00	29.14	-2.9	254	254	250	15
20:00	0.000865	1.4	.00	29.16	-3.0	265	273	276	16
21:00	0.000982	1.6	.00	29.17	-3.1	258	267	275	17
22:00	0.001053	1.7	.00	29.18	-2.4	259	265	270	13
23:00	0.001162	1.8	.00	29.19	-2.1	267	231	241	10
Avg	0.000976	1.5	.00	29.14	143.3	248	263	269	18
Max	0.001162	1.8	.00	29.19	634.2	356	347	352	33
Hr. of Max	23	23	23	23	12	03	07	03	03
Min	0.000793	1.3	.00	29.08	-4.0	140	2	4	6
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	14	10	4.6	5.4	8.5	12.1	12.1	14.0
01:00	16	10	3.3	4.1	8.7	10.1	10.5	14.7
02:00	21	12	2.9	3.9	8.3	7.8	10.5	14.7
03:00	24	20	2.5	4.1	8.5	9.2	11.7	14.7
04:00	24	23	1.2	2.3	5.9	4.1	8.5	13.7
05:00	22	29	1.5	2.1	6.0	3.2	7.6	13.3
06:00	10	9	1.7	1.9	2.3	2.7	2.7	6.0
07:00	15	14	1.3	1.6	2.2	3.2	4.1	5.0
08:00	21	19	1.0	1.2	1.6	3.0	2.1	3.9
09:00	24	27	2.1	1.7	1.8	6.2	5.5	5.0
10:00	28	27	2.7	2.4	2.1	7.1	7.8	6.6
11:00	30	24	4.1	3.9	4.5	11.9	12.1	13.3
12:00	20	18	5.0	5.5	6.4	11.4	12.6	16.5
13:00	26	19	4.1	4.0	4.3	11.7	11.0	10.5
14:00	19	14	5.2	5.8	7.1	15.1	16.9	14.0
15:00	17	11	5.0	5.9	7.7	11.4	12.8	16.5
16:00	15	10	4.0	4.8	6.3	12.1	10.8	18.1
17:00	15	10	3.1	3.7	5.8	8.0	8.0	12.1
18:00	8	4	1.5	2.5	5.1	5.7	7.1	11.0
19:00	11	8	3.6	5.3	8.7	12.4	15.1	16.0
20:00	14	9	5.4	7.1	11.3	14.2	16.5	19.7
21:00	16	10	2.7	3.5	6.6	8.9	11.4	23.1
22:00	9	6	1.4	2.4	5.0	4.6	7.1	11.2
23:00	9	6	1.2	2.2	5.5	3.0	4.6	11.4
Avg	18	15	3.0	3.6	5.8	8.3	9.5	12.7
Max	30	29	5.4	7.1	11.3	15.1	16.9	23.1
Hr. of Max	11	05	20	20	20	14	14	21
Min	8	4	1.0	1.2	1.6	2.7	2.1	3.9
Count	24	24	24	24	24	24	24	24
Total								