Current Time: 10:24 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/2/2014

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	.0	3.2	.7	3.9	-1.5	2.8	94.8	4.3
01:00	-.2	.7	2.8	.9	3.0	-1.2	2.7	93.2	4.4
02:00	.5	1.3	3.1	.8	2.6	-.9	2.7	91.2	4.5
03:00	1.4	2.4	3.7	1.0	2.3	-.1	2.7	90.0	4.8
04:00	2.7	3.5	3.8	.8	1.1	1.0	2.8	88.7	5.1
05:00	2.6	3.1	3.6	.4	1.0	1.8	2.8	95.2	5.5
06:00	2.6	2.7	3.2	.1	.6	2.1	2.9	97.2	5.6
07:00	2.7	2.8	3.2	.1	.5	2.2	3.0	97.3	5.6
08:00	2.8	2.7	2.7	-.1	-.1	2.3	3.1	97.3	5.7
09:00	2.8	2.6	2.5	-.2	-.3	2.3	3.2	97.4	5.7
10:00	2.9	2.7	2.6	-.2	-.3	2.4	3.3	97.4	5.7
11:00	3.0	2.8	2.5	-.2	-.5	2.5	3.4	97.4	5.7
12:00	3.4	3.2	2.7	-.2	-.7	2.9	3.5	97.5	5.9
13:00	4.4	4.3	3.8	-.1	-.6	4.0	3.6	97.5	6.3
14:00	5.0	4.8	4.2	-.2	-.8	4.5	3.8	97.4	6.6
15:00	3.2	3.0	2.3	-.2	-.9	1.4	4.0	88.7	5.3
16:00	.9	.7	.0	-.2	-.9	-1.8	4.2	82.6	4.3
17:00	-1.4	-1.6	-2.4	-.2	-1.0	-4.4	4.1	80.2	3.5
18:00	-3.1	-3.3	-3.9	-.2	-.8	-6.6	3.8	76.8	3.0
19:00	-3.8	-4.0	-4.5	-.2	-.7	-8.0	3.5	72.8	2.7
20:00	-4.7	-4.9	-5.5	-.2	-.8	-8.8	3.2	73.2	2.5
21:00	-5.2	-5.5	-6.0	-.2	-.8	-9.9	3.0	69.9	2.3
22:00	-5.6	-5.9	-6.4	-.2	-.8	-10.1	2.9	71.0	2.3
23:00	-5.8	-6.0	-6.5	-.2	-.7	-10.1	2.8	72.0	2.3
Avg	.4	.5	.6	.1	.2	-1.4	3.2	88.2	4.6
Max	5.0	4.8	4.2	1.0	3.9	4.5	4.2	97.5	6.6
Hr. of Max	14	14	14	03	00	14	16	13	14
Min	-5.8	-6.0	-6.5	-.2	-1.0	-10.1	2.7	69.9	2.3
Count	24	24	24	24	24	24	24	24	24
Total									

Current Time: 10:24 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/2/2014

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	0.003465	5.5	.00	29.10	-2.7	21	61	229	9
01:00	0.003546	5.6	.00	29.08	-2.7	258	230	270	18
02:00	0.003641	5.7	.00	29.07	-2.7	239	262	263	14
03:00	0.003862	6.1	.00	29.03	-2.5	337	83	258	16
04:00	0.004178	6.6	.00	29.01	-2.7	232	279	295	28
05:00	0.004456	7.0	.04	28.99	-2.6	291	221	282	12
06:00	0.004538	7.1	.12	28.98	-2.8	328	62	300	16
07:00	0.004575	7.2	.03	28.96	-2.2	304	137	158	6
08:00	0.004628	7.2	.07	28.94	2.8	97	93	106	15
09:00	0.004627	7.2	.02	28.93	11.4	79	83	90	13
10:00	0.004663	7.3	.01	28.91	14.5	51	49	51	23
11:00	0.004684	7.3	.04	28.88	21.7	19	27	33	22
12:00	0.004844	7.6	.02	28.85	47.8	233	252	287	11
13:00	0.005214	8.1	.01	28.85	61.8	243	258	275	17
14:00	0.005416	8.4	.00	28.87	129.5	276	285	288	21
15:00	0.004338	6.8	.00	28.90	100.9	267	278	287	23
16:00	0.003431	5.4	.00	28.95	26.0	275	288	294	31
17:00	0.002807	4.4	.00	29.00	.3	276	289	296	23
18:00	0.002371	3.7	.00	29.05	-3.0	269	279	286	24
19:00	0.002125	3.4	.01	29.10	-3.3	274	285	294	24
20:00	0.001997	3.2	.01	29.13	-3.4	272	278	286	23
21:00	0.00182	2.9	.01	29.15	-3.7	275	282	291	30
22:00	0.001794	2.8	.00	29.17	-3.6	280	289	297	27
23:00	0.001794	2.8	.00	29.20	-3.6	282	291	301	25
Avg	0.003701	5.8	.01	29.00	15.6	285	287	288	20
Max	0.005416	8.4	.12	29.20	129.5	337	291	301	31
Hr. of Max	14	14	06	23	14	03	23	23	16
Min	0.001794	2.8	.00	28.85	-3.7	19	27	33	6
Count	24	24	24	24	24	24	24	24	24
Total									

Current Time: 10:24 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/2/2014

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	8	5	.7	1.1	3.9	4.4	5.7	12.4
01:00	13	11	1.9	2.0	4.4	7.8	10.1	12.1
02:00	7	5	1.0	1.4	5.0	3.9	3.9	12.6
03:00	19	6	1.1	1.5	6.0	3.2	3.2	12.6
04:00	27	9	1.6	2.6	10.5	6.2	13.7	19.7
05:00	10	5	.8	1.2	5.3	3.9	3.4	12.1
06:00	9	7	.2	.6	1.9	1.6	1.8	5.7
07:00	10	5	.5	.9	2.7	2.5	2.7	5.7
08:00	12	5	2.1	2.7	5.0	7.3	9.6	11.0
09:00	11	8	2.4	3.2	4.3	6.2	7.1	8.0
10:00	15	7	1.4	2.8	4.4	7.8	7.3	10.8
11:00	13	6	1.3	2.6	3.4	5.0	5.5	8.0
12:00	12	9	1.4	1.7	3.5	5.0	7.8	11.9
13:00	14	8	4.9	6.8	13.6	16.5	20.6	25.9
14:00	18	11	9.1	11.9	19.0	25.0	29.1	36.9
15:00	22	13	8.5	10.6	17.8	25.0	27.2	37.1
16:00	28	15	8.4	11.1	18.2	26.1	28.9	37.6
17:00	23	14	9.7	11.8	18.0	28.4	30.7	36.0
18:00	22	15	9.3	11.4	17.8	30.9	37.1	37.1
19:00	22	15	7.9	9.5	15.3	23.4	24.7	30.5
20:00	18	12	9.5	11.9	18.3	27.7	28.4	37.1
21:00	27	15	7.5	9.4	15.5	29.5	35.3	41.7
22:00	29	20	4.5	5.2	9.0	19.2	23.1	24.7
23:00	23	20	4.1	5.1	8.3	12.4	15.1	19.7
Avg	17	10	4.2	5.4	9.6	13.7	15.9	21.1
Max	29	20	9.7	11.9	19.0	30.9	37.1	41.7
Hr. of Max	22	23	17	20	14	18	18	21
Min	7	5	.2	.6	1.9	1.6	1.8	5.7
Count	24	24	24	24	24	24	24	24
Total								