Current Time: 7:29 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/25/2014

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	-6.7	-6.3	-6.5	.4	.2	-19.0	.7	37.1	1.1
01:00	-6.5	-6.2	-6.4	.3	.1	-18.9	.6	37.0	1.1
02:00	-6.5	-6.2	-6.7	.3	-.2	-18.5	.6	38.1	1.2
03:00	-5.8	-5.6	-6.1	.2	-.3	-18.0	.6	37.7	1.2
04:00	-4.7	-4.7	-5.3	-.1	-.6	-17.8	.6	35.3	1.2
05:00	-3.6	-3.7	-4.2	-.2	-.6	-18.3	.5	31.5	1.2
06:00	-3.2	-3.4	-3.8	-.2	-.6	-18.4	.5	30.1	1.2
07:00	-3.1	-3.3	-3.6	-.2	-.5	-18.4	.5	30.1	1.2
08:00	-2.9	-3.1	-3.4	-.2	-.5	-17.9	.5	30.7	1.2
09:00	-2.7	-2.9	-3.4	-.2	-.7	-17.1	.5	32.6	1.3
10:00	-3.3	-3.5	-3.9	-.3	-.6	-13.4	.5	45.8	1.8
11:00	-2.5	-2.7	-3.3	-.2	-.8	-13.6	.5	42.5	1.7
12:00	-1.8	-2.1	-2.8	-.3	-1.0	-12.4	.5	44.5	1.9
13:00	-1.0	-1.3	-1.8	-.2	-.8	-10.7	.5	48.3	2.2
14:00	.4	.2	-.6	-.2	-1.0	-10.8	.5	43.2	2.2
15:00	1.7	1.5	-.7	-.3	-1.0	-10.3	.5	40.8	2.2
16:00	2.4	2.2	1.1	-.2	-1.3	-10.6	.5	37.9	2.2
17:00	2.4	2.4	2.0	-.1	-.4	-10.3	.5	38.8	2.2
18:00	1.8	1.8	1.7	.1	-.1	-9.7	.5	42.6	2.3
19:00	1.6	1.7	1.7	.1	-.1	-9.4	.5	44.4	2.4
20:00	2.2	2.4	2.2	.1	.0	-8.4	.5	45.7	2.6
21:00	1.8	2.1	2.2	.3	.4	-7.9	.5	49.2	2.7
22:00	2.3	2.5	2.5	.2	.2	-7.3	.6	49.5	2.8
23:00	2.4	2.5	2.6	.0	.2	-10.4	.6	38.7	2.2
Avg	-1.5	-1.5	-1.9	.0	-.4	-13.6	.5	39.7	1.8
Max	2.4	2.5	2.6	.4	.4	-7.3	.7	49.5	2.8
Hr. of Max	23	23	23	00	21	22	00	22	22
Min	-6.7	-6.3	-6.7	-.3	-1.3	-19.0	.5	30.1	1.1
Count	24	24	24	24	24	24	24	24	24
Total									

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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	0.000865	1.4	.00	29.17	-3.4	243	247	231	12
01:00	0.000877	1.4	.00	29.14	-3.2	248	251	232	11
02:00	0.000905	1.4	.00	29.10	-3.1	251	253	235	13
03:00	0.000944	1.5	.00	29.08	-3.3	244	249	235	13
04:00	0.000964	1.5	.00	29.05	-3.1	237	240	231	19
05:00	0.000933	1.5	.00	29.01	-2.9	226	227	219	19
06:00	0.000923	1.5	.00	28.97	-3.0	222	223	215	19
07:00	0.000928	1.5	.00	28.95	-1.7	226	229	221	18
08:00	0.000964	1.5	.00	28.92	39.6	221	224	217	20
09:00	0.001037	1.6	.00	28.92	67.4	235	236	229	19
10:00	0.001393	2.2	.00	28.92	70.6	243	243	236	18
11:00	0.001372	2.2	.01	28.92	122.6	235	239	235	18
12:00	0.001513	2.4	.00	28.91	162.6	228	232	228	19
13:00	0.00174	2.7	.00	28.88	105.0	230	230	223	17
14:00	0.001733	2.7	.00	28.87	212.2	214	219	216	19
15:00	0.001795	2.8	.00	28.87	211.5	216	221	221	19
16:00	0.001755	2.8	.00	28.87	176.9	221	225	221	20
17:00	0.001795	2.8	.00	28.88	43.9	221	224	218	17
18:00	0.001881	2.9	.00	28.89	-2.1	230	230	221	16
19:00	0.001931	3.0	.00	28.91	-2.2	230	234	225	15
20:00	0.002083	3.3	.00	28.93	-2.4	239	245	240	15
21:00	0.002168	3.4	.00	28.95	-2.5	236	242	239	11
22:00	0.002266	3.6	.00	28.97	-2.8	242	252	265	19
23:00	0.001782	2.8	.00	28.99	-2.7	262	267	273	19
Avg	0.001439	2.3	.00	28.96	48.9	233	237	230	17
Max	0.002266	3.6	.01	29.17	212.2	262	267	273	20
Hr. of Max	22	22	11	00	14	23	23	23	16
Min	0.000865	1.4	.00	28.87	-3.4	214	219	215	11
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	9	5	4.4	7.9	15.7	8.7	17.6	31.4
01:00	9	4	4.0	7.0	14.2	8.2	16.3	32.7
02:00	8	5	3.4	6.3	12.5	8.5	13.1	24.5
03:00	10	6	4.3	7.4	13.8	9.6	14.9	28.9
04:00	14	8	6.0	9.2	15.7	21.1	21.3	32.1
05:00	16	9	8.9	12.1	18.3	20.4	26.3	30.5
06:00	15	10	8.6	11.9	18.6	25.2	27.9	35.7
07:00	14	9	9.7	12.9	19.1	21.3	35.3	32.7
08:00	16	9	9.3	12.2	18.6	24.7	26.8	35.5
09:00	15	9	10.5	14.1	20.2	23.4	27.5	38.5
10:00	16	9	8.6	11.8	16.8	23.8	27.5	45.6
11:00	17	10	6.1	7.7	11.7	23.1	20.2	29.3
12:00	17	9	7.4	9.7	14.4	16.9	20.4	22.9
13:00	15	9	6.1	7.7	11.4	24.5	34.1	36.4
14:00	16	10	5.9	7.1	10.3	14.7	14.9	25.6
15:00	16	9	7.3	9.3	14.2	23.1	25.6	30.0
16:00	17	9	7.1	9.3	14.3	17.4	20.6	21.5
17:00	13	6	5.1	7.7	14.0	22.7	27.2	30.9
18:00	11	6	4.6	7.5	13.7	12.8	16.7	27.5
19:00	8	4	4.4	8.2	14.9	10.5	18.5	28.9
20:00	11	6	4.4	7.4	14.3	11.2	14.0	27.9
21:00	8	5	3.0	6.2	12.2	7.1	12.1	24.7
22:00	13	10	3.9	6.0	11.7	17.6	16.3	23.8
23:00	18	11	3.9	5.7	10.6	17.9	21.3	25.9
Avg	13	8	6.1	8.8	14.6	17.3	21.5	30.1
Max	18	11	10.5	14.1	20.2	25.2	35.3	45.6
Hr. of Max	23	23	09	09	09	06	07	10
Min	8	4	3.0	5.7	10.3	7.1	12.1	21.5
Count	24	24	24	24	24	24	24	24
Total								