Current Time: 6:21 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/4/2014

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	-7.5	-6.7	-5.5	.7	2.0	-10.3	1.5	80.4	2.3
01:00	-8.1	-7.3	-6.1	.9	2.0	-10.4	1.4	84.3	2.3
02:00	-8.7	-7.9	-7.4	.9	1.3	-10.2	1.4	89.3	2.3
03:00	-9.3	-8.4	-7.2	.9	2.1	-10.4	1.3	92.1	2.3
04:00	-9.3	-8.7	-7.2	.6	2.1	-10.3	1.3	92.8	2.3
05:00	-9.5	-8.7	-6.7	.8	2.8	-10.3	1.2	94.6	2.3
06:00	-9.3	-8.8	-6.1	.5	3.2	-10.0	1.2	94.7	2.3
07:00	-9.2	-8.8	-6.1	.5	3.1	-10.1	1.2	93.8	2.3
08:00	-9.1	-8.5	-5.7	.6	3.4	-10.3	1.1	91.1	2.3
09:00	-6.0	-6.2	-5.6	-.2	.4	-9.8	1.1	75.3	2.4
10:00	-2.6	-2.7	-3.7	-.1	-1.1	-9.9	1.1	57.7	2.3
11:00	.0	-.2	-1.1	-.2	-1.1	-10.5	1.1	45.6	2.2
12:00	2.3	2.1	1.1	-.2	-1.2	-10.8	1.1	37.8	2.1
13:00	4.7	4.5	3.3	-.2	-1.4	-10.4	1.1	32.9	2.2
14:00	6.5	6.2	5.1	-.3	-1.4	-9.4	1.1	31.5	2.4
15:00	7.4	7.1	6.1	-.3	-1.3	-7.4	1.1	34.5	2.7
16:00	7.8	7.6	6.7	-.2	-1.1	-4.4	1.1	42.5	3.4
17:00	7.1	7.1	6.1	-.1	-1.0	-1.3	1.1	55.5	4.3
18:00	5.7	6.2	6.0	.4	.3	-.2	1.1	66.2	4.7
19:00	4.3	5.2	5.1	.9	.8	.1	1.1	74.9	4.8
20:00	4.1	4.3	4.1	.2	.0	-.1	1.1	74.9	4.8
21:00	3.7	3.7	3.6	.0	-.1	.1	1.2	78.2	4.8
22:00	3.3	3.5	3.4	.2	.1	.2	1.2	80.7	4.8
23:00	2.4	2.6	2.6	.2	.2	.1	1.2	85.2	4.8
Avg	-1.2	-1.0	-.6	.3	.6	-6.9	1.2	70.3	3.1
Max	7.8	7.6	6.7	.9	3.4	.2	1.5	94.7	4.8
Hr. of Max	16	16	16	19	08	22	00	06	23
Min	-9.5	-8.8	-7.4	-.3	-1.4	-10.8	1.1	31.5	2.1
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	0.001756	2.8	.00	29.33	-3.3	358	54	60	18
01:00	0.001744	2.8	.00	29.32	-3.4	277	120	71	21
02:00	0.001767	2.8	.00	29.33	-3.7	267	232	63	5
03:00	0.001739	2.8	.00	29.34	-3.9	265	244	81	4
04:00	0.001747	2.8	.00	29.33	-4.1	278	239	281	6
05:00	0.001752	2.8	.00	29.33	-4.3	338	326	222	13
06:00	0.001788	2.8	.00	29.34	-4.1	23	56	217	13
07:00	0.001781	2.8	.00	29.34	-2.2	2	67	260	11
08:00	0.001744	2.8	.00	29.35	56.7	194	49	195	9
09:00	0.001831	2.9	.00	29.35	334.7	135	73	163	13
10:00	0.001816	2.9	.00	29.35	460.2	200	214	219	20
11:00	0.001737	2.8	.00	29.33	525.9	199	206	217	19
12:00	0.001709	2.7	.00	29.29	580.3	220	227	219	19
13:00	0.001767	2.8	.00	29.26	565.1	215	220	210	20
14:00	0.001912	3.0	.00	29.24	473.3	222	226	215	20
15:00	0.002239	3.5	.00	29.23	285.5	214	218	208	20
16:00	0.002821	4.5	.00	29.22	128.6	204	207	194	18
17:00	0.003528	5.6	.00	29.20	12.0	210	202	181	18
18:00	0.003826	6.0	.00	29.20	-2.2	240	230	204	13
19:00	0.003914	6.2	.00	29.20	-2.4	245	259	242	10
20:00	0.003861	6.1	.00	29.19	-2.6	248	258	259	21
21:00	0.00391	6.2	.00	29.19	-2.6	254	260	263	15
22:00	0.00392	6.2	.00	29.17	-2.4	224	248	267	8
23:00	0.003909	6.2	.00	29.16	-2.5	237	225	251	9
Avg	0.002438	3.9	.00	29.27	140.8	240	226	217	14
Max	0.00392	6.2	.00	29.35	580.3	358	326	281	21
Hr. of Max	22	23	23	10	12	00	05	04	20
Min	0.001709	2.7	.00	29.16	-4.3	2	49	60	4
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	3	1.0	1.3	3.4	2.1	4.8	5.7
01:00	23	7	1.5	1.8	3.8	6.0	6.0	7.3
02:00	15	3	1.2	1.5	2.5	3.7	2.3	4.8
03:00	2	4	1.4	2.2	2.6	2.3	3.4	6.2
04:00	3	5	.9	1.3	2.6	2.5	2.3	2.7
05:00	6	4	.3	.7	2.7	1.1	2.7	5.5
06:00	4	12	.8	1.1	2.1	2.7	3.0	6.0
07:00	4	11	.6	.9	1.6	1.8	2.3	3.9
08:00	8	5	.4	.8	2.3	1.8	2.3	5.5
09:00	19	4	1.0	1.3	2.1	2.3	3.0	5.5
10:00	24	16	3.1	3.0	4.5	7.8	7.3	9.6
11:00	17	13	3.9	4.2	5.3	9.6	9.2	12.4
12:00	19	14	4.6	5.4	7.1	16.5	16.3	17.4
13:00	18	11	7.0	8.3	11.6	19.2	28.4	32.7
14:00	18	11	7.2	9.3	13.3	18.8	19.7	23.4
15:00	16	11	7.0	9.4	13.0	17.9	19.0	21.5
16:00	17	11	5.6	7.4	11.2	17.9	18.5	24.3
17:00	16	9	3.7	5.4	10.5	11.4	17.6	19.5
18:00	13	9	2.5	4.1	8.2	6.0	7.8	18.3
19:00	9	5	2.9	5.7	11.1	7.1	11.9	19.5
20:00	16	10	3.7	5.7	10.7	9.2	19.2	28.6
21:00	13	9	1.8	3.0	6.4	7.8	9.4	12.4
22:00	10	6	1.4	2.4	5.8	3.2	5.3	11.7
23:00	3	4	2.4	4.6	6.2	5.5	9.8	15.8
Avg	13	8	2.7	3.8	6.3	7.7	9.6	13.3
Max	24	16	7.2	9.4	13.3	19.2	28.4	32.7
Hr. of Max	10	10	14	15	14	13	13	13
Min	2	3	.3	.7	1.6	1.1	2.3	2.7
Count	24	24	24	24	24	24	24	24
Total								