Current Time: 8:24 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/7/2014

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	-3.0	-2.2	-2.5	.8	.5	-5.1	3.2	85.6	3.3
01:00	-3.8	-3.2	-3.1	.6	.7	-5.3	3.1	89.9	3.3
02:00	-4.3	-3.8	-3.4	.6	.9	-5.5	3.0	91.9	3.3
03:00	-4.7	-4.1	-3.5	.6	1.2	-5.7	2.9	92.8	3.2
04:00	-5.1	-4.3	-3.7	.7	1.4	-5.9	2.8	94.4	3.2
05:00	-4.4	-3.9	-3.8	.5	.6	-5.5	2.7	92.9	3.3
06:00	-3.3	-3.4	-3.8	.0	-.4	-5.5	2.6	85.7	3.3
07:00	-3.2	-3.2	-3.6	.0	-.4	-5.6	2.6	84.3	3.2
08:00	-3.0	-3.1	-3.6	-.2	-.7	-5.3	2.5	84.4	3.3
09:00	-2.1	-2.4	-2.9	-.3	-.8	P	2.5 P	74.8 P	3.1 P
10:00	-1.5	-1.7	-2.2	-.2	-.7	-6.2	2.4	70.3	3.1
11:00	-.9	-1.2	-1.5	-.3	-.6	-6.6	2.4	66.1	3.0
12:00	-.2	-.6	-.8	-.4	-1.0	-6.6	2.4	62.5	3.0
13:00	1.2	.7	.0	-.5	-1.2	-7.0	2.5	55.0	2.9
14:00	2.1	1.8	1.0	-.4	-1.1	-7.7	2.9	48.7	2.7
15:00	3.3	2.9	2.2	-.4	-1.1	-7.6	3.3	45.2	2.7
16:00	3.7	3.4	2.7	-.3	-1.0	-7.6	3.7	43.9	2.7
17:00	3.5	3.5	2.7	-.1	-.8	-6.6	4.1	47.8	2.9
18:00	2.1	2.6	2.4	.5	.3	-5.8	4.2	56.4	3.1
19:00	1.4	1.8	2.0	.4	.6	-5.2	4.0	61.7	3.3
20:00	1.4	1.6	1.7	.2	.3	-5.0	3.8	62.9	3.3
21:00	1.1	1.0	.6	-.1	-.5	-5.5	3.7	61.9	3.2
22:00	.9	.8	.3	-.1	-.6	-5.3	3.6	63.5	3.3
23:00	.8	.7	.3	-.1	-.5	-5.3	3.5	63.9	3.3
Avg	-.8	-.7	-.9	.1	-.2	-6.0	3.1	70.3	3.1
Max	3.7	3.5	2.7	.8	1.4	-5.0	4.2	94.4	3.3
Hr. of Max	16	17	17	00	04	20	18	04	23
Min	-5.1	-4.3	-3.8	-.5	-1.2	-7.7	2.4	43.9	2.7
Count	24	24	24	24	24	23	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	0.002622	4.2	.00	29.32	-3.1	285	11	29	13
01:00	0.002594	4.1	.00	29.32	-3.0	269	269	320	6
02:00	0.002552	4.1	.00	29.32	-3.3	332	251	300	2
03:00	0.002508	4.0	.00	29.33	-3.4	308	7	17	3
04:00	0.002477	3.9	.00	29.33	-3.5	303	335	69	6
05:00	0.002558	4.1	.00	29.32	-3.4	6	43	54	8
06:00	0.002557	4.1	.00	29.33	-3.1	26	56	55	16
07:00	0.00254	4.0	.00	29.35	.0	296	326	35	14
08:00	0.002586	4.1	.00	29.36	46.2	310	338	15	20
09:00	0.002455 P	3.9 P	.00 P	29.37 P	159.2 P	8 P	19 P	12 P	20 P
10:00	0.00241	3.8	.00	29.39	192.4	270	269	271	20
11:00	0.002354	3.8	.00	29.39	298.8	280	295	305	22
12:00	0.002356	3.8	.00	29.36	362.7	7	14	33	30
13:00	0.002291	3.6	.00	29.33	559.1	116	121	91	19
14:00	0.002173	3.5	.00	29.31	494.2	150	168	142	29
15:00	0.002187	3.5	.00	29.31	345.2	159	159	154	28
16:00	0.002191	3.5	.00	29.31	294.4	138	142	138	20
17:00	0.00236	3.7	.00	29.30	66.9	309	318	320	16
18:00	0.002514	4.0	.00	29.29	-.5	20	39	44	10
19:00	0.002618	4.2	.00	29.29	-2.7	310	81	63	11
20:00	0.00266	4.2	.00	29.29	-2.6	60	52	56	19
21:00	0.00257	4.1	.00	29.29	-2.6	34	48	44	22
22:00	0.002599	4.1	.00	29.28	-2.2	15	23	25	17
23:00	0.002604	4.1	.00	29.28	-2.3	5	29	29	17
Avg	0.002472	3.9	.00	29.32	116.0	339	15	34	16
Max	0.00266	4.2	.00	29.39	559.1	332	338	320	30
Hr. of Max	20	20	23	11	13	02	08	17	12
Min	0.002173	3.5	.00	29.28	-3.5	5	7	12	2
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	16	11	1.1	1.6	3.1	2.3	4.8	6.2
01:00	12	9	1.1	1.5	3.3	4.6	4.1	4.8
02:00	7	4	.8	1.2	2.2	1.6	1.6	7.1
03:00	6	10	.6	.7	.9	1.8	1.5	2.3
04:00	6	7	.6	.9	1.5	2.1	2.1	4.6
05:00	7	5	.5	1.3	5.4	1.6	4.4	9.8
06:00	11	7	.9	2.0	3.4	3.2	5.5	9.2
07:00	10	6	1.3	1.6	3.0	3.4	5.7	7.1
08:00	21	17	1.3	1.7	2.9	3.9	4.8	6.9
09:00	22 P	19 P	1.7	2.1	2.9	5.0	5.2	8.5
10:00	21	22	2.0	2.1	2.3	6.0	6.0	7.1
11:00	26	20	2.8	2.8	3.1	8.0	7.6	7.8
12:00	33	23	2.2	2.2	2.2	6.2	5.7	8.7
13:00	21	22	3.6	3.3	2.7	9.2	8.2	8.5
14:00	28	29	2.3	2.8	2.8	12.1	7.1	6.4
15:00	21	23	2.5	2.5	2.5	7.1	7.1	6.2
16:00	21	20	3.1	2.8	2.7	7.8	7.6	8.5
17:00	24	23	1.2	1.4	2.0	4.4	5.0	6.0
18:00	14	6	1.0	2.5	5.5	2.5	5.5	10.8
19:00	10	7	.8	1.3	4.7	2.7	4.1	14.4
20:00	12	7	1.1	2.4	4.8	4.6	6.6	8.7
21:00	13	7	1.4	3.1	4.8	6.6	8.0	10.3
22:00	15	8	.9	2.7	5.7	3.2	6.9	9.6
23:00	16	3	.7	1.7	4.2	2.7	5.7	9.2
Avg	16	13	1.5	2.0	3.3	4.7	5.5	7.9
Max	33	29	3.6	3.3	5.7	12.1	8.2	14.4
Hr. of Max	12	14	13	13	22	14	13	19
Min	6	3	.5	.7	.9	1.6	1.5	2.3
Count	24	24	24	24	24	24	24	24
Total								