Current Time: 8:59 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/25/2013

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	-3.6	-3.5	-3.7	.0	-.1	-9.4	4.1	64.0	2.4
01:00	-4.2	-3.9	-4.0	.3	.2	-9.3	4.0	68.1	2.4
02:00	-4.7	-4.2	-4.1	.5	.6	-9.0	3.8	72.1	2.5
03:00	-4.9	-4.6	-4.4	.4	.5	-8.5	3.7	76.0	2.6
04:00	-5.0	-4.8	-4.7	.2	.3	-8.4	3.6	77.1	2.6
05:00	-5.2	-4.9	-4.8	.3	.4	-8.4	3.4	78.7	2.6
06:00	-5.4	-5.0	-5.0	.4	.4	-8.3	3.3	80.9	2.7
07:00	-6.2	-5.4	-5.0	.7	1.2	-8.3	3.2	85.3	2.7
08:00	-5.7	-5.4	-5.0	.3	.7	-8.9	3.1	78.4	2.5
09:00	-3.4	-3.8	-4.2	-.4	-.8	-8.9	3.0	65.9	2.5
10:00	-1.4	-1.9	-2.5	-.5	-1.1	-9.0	3.0	56.8	2.5
11:00	.5	.2	-1.1	-.3	-1.6	-8.5	2.9	51.5	2.6
12:00	1.9	1.7	.6	-.2	-1.3	-8.0	2.9	48.2	2.7
13:00	3.7	3.4	2.2	-.2	-1.5	-7.4	3.0	44.7	2.8
14:00	4.7	4.5	3.3	-.2	-1.4	-7.9	3.3	40.1	2.7
15:00	5.7	5.5	4.4	-.2	-1.4	-7.6	3.8	38.1	2.7
16:00	5.9	5.7	4.9	-.2	-1.0	-7.1	4.2	39.2	2.8
17:00	4.3	4.9	4.8	.6	.5	-5.8	4.3	48.7	3.1
18:00	2.0	3.1	4.1	1.1	2.1	-4.8	4.2	61.3	3.4
19:00	.4	1.5	2.9	1.0	2.5	-4.2	4.0	71.8	3.6
20:00	-.7	.3	1.6	1.0	2.3	-3.8	3.8	79.8	3.7
21:00	-1.4	-.4	1.4	1.0	2.8	-3.6	3.6	85.1	3.7
22:00	-2.0	-1.0	.5	1.0	2.5	-4.0	3.4	86.2	3.6
23:00	-2.4	-1.6	.0	.8	2.4	-4.4	3.3	86.8	3.5
Avg	-1.1	-.8	-.7	.3	.4	-7.2	3.5	66.0	2.9
Max	5.9	5.7	4.9	1.1	2.8	-3.6	4.3	86.8	3.7
Hr. of Max	16	16	16	18	21	21	17	23	21
Min	-6.2	-5.4	-5.0	-.5	-1.6	-9.4	2.9	38.1	2.4
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	0.001876	3.0	.00	29.41	-2.4	49	66	50	25
01:00	0.001899	3.0	.00	29.40	-2.7	26	58	51	12
02:00	0.001936	3.1	.00	29.40	-2.8	35	58	44	12
03:00	0.002013	3.2	.00	29.40	-2.7	30	56	53	17
04:00	0.00203	3.2	.00	29.40	-3.1	34	58	58	19
05:00	0.002037	3.3	.00	29.41	-2.7	21	44	57	12
06:00	0.002054	3.3	.00	29.42	-3.3	358	61	60	16
07:00	0.002054	3.3	.00	29.42	-.6	320	34	60	8
08:00	0.001952	3.1	.00	29.44	59.2	231	74	51	6
09:00	0.001959	3.1	.00	29.44	253.3	119	91	61	19
10:00	0.001951	3.1	.00	29.44	397.5	130	134	165	21
11:00	0.002033	3.2	.00	29.43	505.5	197	209	226	23
12:00	0.002113	3.4	.00	29.40	555.1	219	231	228	25
13:00	0.002218	3.5	.00	29.37	535.1	209	217	220	19
14:00	0.002144	3.4	.00	29.35	440.6	240	236	228	19
15:00	0.002188	3.5	.00	29.33	259.5	230	231	229	18
16:00	0.00228	3.6	.00	29.33	131.6	233	236	230	16
17:00	0.002516	4.0	.00	29.33	8.2	274	246	244	7
18:00	0.002703	4.3	.00	29.33	-1.9	8	78	241	13
19:00	0.002834	4.5	.00	29.33	-2.1	45	53	177	11
20:00	0.002901	4.6	.00	29.32	-2.4	353	46	185	6
21:00	0.002939	4.7	.00	29.32	-2.5	348	50	192	6
22:00	0.002851	4.5	.00	29.32	-2.9	268	305	237	8
23:00	0.002782	4.4	.00	29.32	-3.1	261	239	234	6
Avg	0.002261	3.6	.00	29.38	129.6	325	71	176	14
Max	0.002939	4.7	.00	29.44	555.1	358	305	244	25
Hr. of Max	21	21	23	10	12	06	22	17	12
Min	0.001876	3.0	.00	29.32	-3.3	8	34	44	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	13	7	1.3	3.1	7.3	6.6	7.3	14.0
01:00	8	5	1.5	3.8	6.9	3.4	7.8	15.3
02:00	6	3	1.4	3.8	8.0	4.1	8.9	17.6
03:00	10	3	1.9	4.8	7.8	4.6	10.1	13.1
04:00	11	4	1.5	4.2	6.4	4.4	8.5	14.4
05:00	9	4	1.3	4.0	5.8	3.7	8.2	10.8
06:00	8	4	.9	2.1	3.9	2.7	6.9	12.8
07:00	5	4	.8	1.4	3.6	1.8	3.9	7.1
08:00	12	3	1.1	1.5	2.5	2.3	4.0	6.4
09:00	21	10	1.7	1.5	2.7	4.6	4.8	6.6
10:00	19	21	2.3	1.8	2.0	5.0	5.5	5.5
11:00	23	28	3.2	3.1	3.3	8.0	10.1	8.7
12:00	29	19	4.0	4.1	4.8	10.5	14.4	13.1
13:00	19	13	4.9	5.5	6.9	10.8	11.4	13.7
14:00	18	14	4.8	5.5	7.2	11.0	12.8	15.3
15:00	17	11	4.3	5.4	7.0	14.0	14.0	15.3
16:00	12	6	4.5	5.9	8.1	11.2	15.8	18.3
17:00	8	4	1.3	2.1	5.6	5.3	6.6	8.7
18:00	10	6	.7	1.1	3.2	2.1	2.3	11.7
19:00	7	2	.3	.7	3.9	1.6	2.1	8.0
20:00	5	6	.3	.7	3.1	3.2	3.2	13.5
21:00	4	10	.3	.5	.6	3.3	3.5	10.0
22:00	6	11	.8	1.1	3.2	3.2	3.4	6.6
23:00	3	2	1.4	3.2	6.2	3.7	5.3	11.0
Avg	12	8	1.9	3.0	5.0	5.5	7.5	11.6
Max	29	28	4.9	5.9	8.1	14.0	15.8	18.3
Hr. of Max	12	11	13	16	16	15	16	16
Min	3	2	.3	.5	.6	1.6	2.1	5.5
Count	24	24	24	24	24	24	24	24
Total								