Current Time: 8:41 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/4/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHm gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	-2.0	-.5	-.3	1.5	1.7	-3.2	4.7	92.3	3.9
01:00	-2.5	-1.8	-.8	.7	1.7	-3.5	4.5	93.4	3.8
02:00	-3.2	-1.9	-1.1	1.3	2.1	-4.0	4.3	94.5	3.6
03:00	-3.3	-2.6	-1.6	.8	1.8	-3.8	4.1	96.7	3.7
04:00	-3.9	-3.0	-1.7	.9	2.3	-4.4	3.9	96.8	3.5
05:00	-4.3	-3.5	-1.9	.8	2.5	-4.8	3.8	96.8	3.5
06:00	-4.6	-3.7	-2.0	.9	2.6	-5.1	3.6	96.8	3.4
07:00	-4.8	-4.0	-2.2	.8	2.6	-5.3	3.5	96.8	3.3
08:00	-4.5	-3.9	-2.2	.5	2.3	-5.1	3.4	96.0	3.4
09:00	-1.8	-1.6	-2.1	.1	.3	-4.6	3.3	81.7	3.5
10:00	.8	.4	.1	-.3	-.7	-5.3	3.2	64.5	3.3
11:00	2.5	2.2	1.7 D	-.3	-.8 D	-6.0	3.2	53.9	3.1
12:00	3.4	3.1	1.8	-.3	-1.6	-6.4	3.3	49.4	3.0
13:00	4.4	4.1	2.7	-.3	-1.7 -	-6.0	3.4	47.3	3.1
14:00	5.4	5.2	3.9	-.3	<	-6.8	3.8	41.4	2.9
15:00	5.8	5.6	4.3	-.3	-1.5	-7.7	4.2	37.6	2.7
16:00	5.7	5.4	4.7	-.2	-1.0 -	-7.9	4.5	37.4	2.6
17:00	4.9	4.9	4.6	.0	<	-6.6	4.6	43.7	2.9
18:00	3.9	4.3	4.1	.4	<	-5.9	4.5	49.1	3.1
19:00	1.4	3.1	3.7	1.7	2.3 -	-5.7	4.4	59.6	3.2
20:00	-.2	1.0	2.8	1.1	3.0	-5.0	4.2	70.2	3.3
21:00	-1.1	.0	2.2	1.1	3.3	-5.0	4.0	75.1	3.4
22:00	-1.7	-.8	1.5	.9	3.2	-4.8	3.8	80.0	3.4
23:00	-2.3	-1.5	.7	.9	3.0	-4.9	3.6	82.9	3.4
Avg	-.1	.4	1.0	.5	1.3	-5.3	3.9	72.2	3.3
Max	5.8	5.6	4.7	1.7	3.3	-3.2	4.7	96.8	3.9
Hr. of Max	15	15	16	19	21	00	00	07	00
Min	-4.8	-4.0	-2.2	-.3	-1.7	-7.9	3.2	37.4	2.6
Count	24	24	24	24	21	24	24	24	24
Total									

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	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	4.8	.00	29.36	-2.9	37	39	349	13
01:00	.0	4.7	.00	29.35	-2.9	276	252	346	12
02:00	.0	4.5	.00	29.36	-3.0	323	279	15	10
03:00	.0	4.6	.00	29.35	-2.8	353	67	21	7
04:00	.0	4.4	.00	29.35	-3.0	266	233	42	4
05:00	.0	4.3	.00	29.36	-3.2	298	234	295	9
06:00	.0	4.2	.00	29.37	-3.4	278	275	1	6
07:00	.0	4.1	.00	29.39	-1.7	280	242	285	4
08:00	.0	4.2	.00	29.40	55.2	45	50	321	4
09:00	.0	4.4	.00	29.41	301.8	188	218	108	10
10:00	.0	4.1	.00	29.42	426.1	142	147	127	14
11:00	.0	3.9	.00	29.43	507.7	188	194	199	15
12:00	.0	3.8	.00	29.40	373.8	227	234	226	24
13:00	.0	3.9	.00	29.37	546.7	225	246	279	28
14:00	.0	3.7	.00	29.36	461.2	234	263	282	31
15:00	.0	3.5	.00	29.36	290.8	255	268	272	24
16:00	.0	3.4	.00	29.36	159.7	271	283	289	19
17:00	.0	3.8	.00	29.37	15.1	290	305	309	18
18:00	.0	3.9	.00	29.38	-2.0	291	304	317	14
19:00	.0	4.0	.00	29.39	-2.1	357	309	324	8
20:00	.0	4.2	.00	29.39	-2.5	285	240	309	11
21:00	.0	4.2	.00	29.40	-2.7	289	248	287	11
22:00	.0	4.3	.00	29.39	-2.8	354	52	314	7
23:00	.0	4.2	.00	29.39	-2.7	40	69	10	13
Avg	.0	4.1	.00	29.38	129.2	285	262	317	13
Max	.0	4.8	.00	29.43	546.7	357	309	349	31
Hr. of Max	23	00	23	11	13	19	19	00	14
Min	.0	3.4	.00	29.35	-3.4	37	39	1	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	17	12	.6	.8	5.6	2.7	8.9	14.7
01:00	12	15	1.2	1.4	6.0	3.7	2.5	11.7
02:00	22	25	1.0	1.2	2.9	4.1	3.0	8.0
03:00	4	9	.8	1.0	3.7	3.2	2.5	11.0
04:00	13	7	1.2	1.4	.9	3.2	1.6	3.7
05:00	3	7	.9	1.1	.7	4.1	2.3	2.5
06:00	8	19	.5	.8	2.4	2.1	2.2	4.8
07:00	5	10	1.1	1.3	2.1	2.5	1.8	7.3
08:00	8	7	.2	.2	1.2	2.1	2.3	3.7
09:00	10	8	1.7	1.3	.6	4.4	3.7	3.2
10:00	24	25	1.7	1.5	1.4	4.6	4.8	4.8
11:00	14	14	3.9	4.0	4.2	8.0	8.9	8.0
12:00	23	20	2.9	2.8	3.6	9.4	9.2	9.2
13:00	34	26	3.2	2.8	3.7	8.7	8.9	14.2
14:00	34	24	3.6	3.7	5.2	12.6	12.6	13.5
15:00	19	13	5.2	6.1	7.9	13.1	13.3	14.9
16:00	14	10	5.1	6.8	9.4	13.1	13.7	15.6
17:00	23	13	2.5	3.4	7.6	11.4	13.3	21.5
18:00	14	8	2.2	3.0	8.0	8.2	7.8	13.7
19:00	9	2	.6	2.1	7.0	9.4	9.6	16.9
20:00	2	3	.3	.4	6.2	1.8	2.5	11.2
21:00	12	3	.6	.5	4.6	2.5	4.1	10.3
22:00	10	4	.5	.7	3.4	3.7	6.2	9.2
23:00	12	13	.8	1.0	1.8	3.2	2.7	10.5
Avg	14	12	1.8	2.1	4.2	5.9	6.2	10.2
Max	34	26	5.2	6.8	9.4	13.1	13.7	21.5
Hr. of Max	14	13	15	16	16	16	16	17
Min	2	2	.2	.2	.6	1.8	1.6	2.5
Count	24	24	24	24	24	24	24	24
Total								