Current Time: 8:09 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/2/2013

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	-4.5	-4.4	-4.3	.1	.2	-9.3	3.7	69.0	2.4
01:00	-4.4	-4.4	-4.3	.0	.1	-8.6	3.6	72.6	2.6
02:00	-4.7	-4.5	-4.4	.2	.3	-8.4	3.5	75.5	2.6
03:00	-5.5	-4.8	-4.6	.7	.9	-8.7	3.4	78.6	2.6
04:00	-6.0	-5.3	-4.6	.6	1.4	-8.6	3.2	81.6	2.6
05:00	-6.2	-5.6	-4.7 D	.6	1.5 D	-8.3	3.1	85.6	2.7
06:00	-6.8	-6.0	-5.1	.8	1.7	-8.0	3.0	91.2	2.7
07:00	-6.7	-6.1	-5.3	.6	1.5	-7.9	2.9	91.9	2.7
08:00	-5.3	-5.2	-5.1	.1	.2	-7.2	2.8	87.5	2.9
09:00	-3.8	-4.0	-4.2	-.2	.4	-7.0	2.8	78.6	2.9
10:00	-3.6	-3.8	-4.0	-.2	-.4	-5.1	2.7	89.7	3.4
11:00	-3.0	-3.1	-3.5	-.2	-.5	-5.1	2.7	85.8	3.4
12:00	-2.7	-2.9	-3.2	-.2	-.5	-4.2	2.6	89.5	3.6
13:00	-1.8	-2.0	-2.9	-.2	-.9	-4.2	2.6	84.0	3.6
14:00	-.7	-.9	-1.6	-.2	-.9 -	-4.0	2.6	78.8	3.6
15:00	.4	.1	-.5	-.2	-.9	-3.6	2.6	75.0	3.7
16:00	1.3	1.1	.3	-.2	-1.0	-2.7	2.6	75.1	4.0
17:00	1.4	1.3	.3	-.1	-1.1 -	-2.0	2.7	78.5	4.2
18:00	.9	.9	.4	.0	-.5	-1.6	2.8	84.3	4.3
19:00	1.0	1.1	.4	.0	-.6	-1.3	2.8	84.8	4.4
20:00	1.5	1.4	.9	-.1	<	-1.7	2.9	79.7	4.3
21:00	1.5	1.4	1.1	-.1	-.4 -	-1.6	2.9	80.3	4.3
22:00	1.4	1.4	1.1	-.1	-.3	-1.2	3.0	82.8	4.4
23:00	1.4	1.2	1.0	-.2	-.4	-.8	3.0	85.7	4.5
Avg	-2.3	-2.2	-2.4	.1	.0	-5.0	2.9	81.9	3.4
Max	1.5	1.4	1.1	.8	1.7	-.8	3.7	91.9	4.5
Hr. of Max	21	22	22	06	06	23	00	07	23
Min	-6.8	-6.1	-5.3	-.2	-1.1	-9.3	2.6	69.0	2.4
Count	24	24	24	24	23	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	3.0	.00	29.35	-3.3	254	215	202	15
01:00	.0	3.2	.00	29.34	-3.2	269	245	227	6
02:00	.0	3.2	.00	29.32	-2.9	307	244	190	7
03:00	.0	3.2	.00	29.31	-3.1	267	288	284	3
04:00	.0	3.2	.00	29.30	-3.4	259	229	279	5
05:00	.0	3.3	.00	29.30	-3.3	280	218	280	4
06:00	.0	3.3	.00	29.31	-3.3	287	243	262	3
07:00	.0	3.4	.00	29.30	-.1	283	276	198	8
08:00	.0	3.6	.00	29.30	48.5	228	261	209	12
09:00	.0	3.6	.00	29.32	31.9	242	248	262	19
10:00	.0	4.2	.06	29.30	73.1	221	226	230	16
11:00	.0	4.2	.01	29.29	42.9	212	211	203	19
12:00	.0	4.5	.01	29.24	58.1	229	227	213	17
13:00	.0	4.5	.00	29.19	169.2	237	241	232	17
14:00	.0	4.6	.00	29.16	160.7	235	236	229	18
15:00	.0	4.7	.00	29.14	312.8	226	232	227	17
16:00	.0	5.0	.00	29.13	131.0	232	234	229	18
17:00	.0	5.3	.01	29.12	2.9	248	244	231	16
18:00	.0	5.5	.00	29.11	-2.2	291	278	227	14
19:00	.0	5.6	.00	29.12	-2.9	249	250	224	12
20:00	.0	5.4	.00	29.13	-2.4	246	244	234	15
21:00	.0	5.4	.00	29.13	-3.4	242	246	238	15
22:00	.0	5.6	.00	29.12	-3.3	261	262	250	16
23:00	.0	5.8	.00	29.13	-2.7	260	261	256	14
Avg	.0	4.3	.00	29.23	41.3	252	244	234	13
Max	.0	5.8	.06	29.35	312.8	307	288	284	19
Hr. of Max	23	23	10	00	15	02	03	03	11
Min	.0	3.0	.00	29.11	-3.4	212	211	190	3
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	4	1.8	2.7	4.2	4.4	5.0	5.7
01:00	4	1	1.2	1.5	3.1	3.2	5.3	8.7
02:00	9	3	.9	1.1	1.2	2.3	.0	3.9
03:00	8	2	1.3	1.5	3.6	3.7	2.7	6.4
04:00	4	2	1.8	2.7	5.7	4.1	4.4	11.4
05:00	3	3	1.2	1.3	4.0	2.5	4.1	10.8
06:00	4	4	.8	1.0	2.3	3.4	.0	6.6
07:00	17	4	.8	1.0	3.1	3.2	3.0	4.8
08:00	9	4	1.3	1.7	4.1	5.0	7.1	10.3
09:00	16	11	2.6	3.5	6.9	9.2	11.9	20.4
10:00	15	9	3.1	3.8	6.1	11.9	11.9	12.4
11:00	18	9	4.6	6.2	10.4	12.8	16.5	19.0
12:00	14	8	4.2	5.5	9.1	11.7	12.8	15.3
13:00	14	9	6.1	7.7	10.3	14.2	17.6	17.6
14:00	14	8	7.2	9.8	13.7	16.0	19.2	35.3
15:00	14	8	6.2	7.6	10.2	13.1	14.4	26.1
16:00	16	9	5.0	6.4	9.3	12.4	13.5	15.1
17:00	13	7	3.1	4.7	8.3	12.8	19.9	20.6
18:00	9	4	1.4	2.8	4.8	5.0	6.0	16.7
19:00	10	7	1.9	3.6	8.8	4.8	8.7	13.7
20:00	13	6	2.7	4.5	9.4	11.0	12.8	22.2
21:00	11	6	2.7	4.8	8.9	6.4	10.5	19.0
22:00	12	6	2.2	4.0	8.5	5.7	9.2	18.1
23:00	12	6	3.9	5.5	9.8	13.5	16.7	19.2
Avg	11	6	2.8	4.0	6.9	8.0	9.7	15.0
Max	18	11	7.2	9.8	13.7	16.0	19.9	35.3
Hr. of Max	11	09	14	14	14	14	17	14
Min	3	1	.8	1.0	1.2	2.3	.0	3.9
Count	24	24	24	24	24	24	24	24
Total								