Current Time: 6:34 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/29/2013

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	10.4	10.7	10.7	.3	.3	8.7	6.6	90.1	8.6
01:00	9.8	10.4	10.4	.6	.6	8.5	6.5	93.1	8.5
02:00	9.4	10.2	10.1	.7	.7	8.4	6.5	94.2	8.5
03:00	9.1	9.9	9.8	.8	.7	8.4	6.4	96.7	8.5
04:00	8.4	9.5	9.6	1.1	1.2	7.8	6.4	97.3	8.2
05:00	8.4	9.4	9.4 D	1.0	1.0 D	7.9	6.3	97.3	8.2
06:00	8.7	9.2	9.4	.6	.7	8.1	6.2	97.2	8.3
07:00	8.0	9.0	9.6	1.0	1.5	7.5	6.2	97.4	8.0
08:00	8.3	9.0	9.5	.7	1.2	7.8	6.2	97.3	8.1
09:00	10.0	10.1	9.8	.0	-.2	8.3	6.2	90.0	8.4
10:00	11.3	11.1	10.6	-.2	-.7	8.2	6.3	82.5	8.3
11:00	13.3	13.0	11.8	-.2	-1.5	8.7	6.6	75.0	8.6
12:00	14.3	14.1	12.9	-.2	-1.4	9.8	7.0	75.3	9.2
13:00	13.2	13.0	12.6	-.2	-.7	10.4	7.4	84.2	9.6
14:00	13.3	13.1	12.6	-.2	-.7 -	11.1	7.7	88.0	10.0
15:00	14.0	13.8	13.0	-.3	<	11.7	7.9	86.8	10.4
16:00	14.3	14.1	13.3	-.2	-1.0	12.0	8.1	87.2	10.6
17:00	14.0	13.9	13.1	-.2	<	12.3	8.3	90.5	10.8
18:00	13.1	13.5	12.9	.4	-.2 -	12.4	8.4	96.6	10.9
19:00	12.1	12.6	12.8	.5	.7	11.5	8.4	97.5	10.4
20:00	11.7	12.1	12.6	.5	.9	11.1	8.3	97.7	10.1
21:00	11.4	11.9	12.5	.5	1.1	10.9	8.2	97.8	9.9
22:00	11.0	11.7	14.4	.7	3.4	10.5	8.1	97.8	9.7
23:00	11.0	14.4	15.7	3.4	4.7	10.5	8.0	97.9	9.7
Avg	11.2	11.7	11.6	.5	.6	9.7	7.2	91.9	9.2
Max	14.3	14.4	15.7	3.4	4.7	12.4	8.4	97.9	10.9
Hr. of Max	16	23	23	23	23	18	19	23	18
Min	8.0	9.0	9.4	-.3	-1.5	7.5	6.2	75.0	8.0
Count	24	24	24	24	22	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	11.3	.00	29.25	-2.1	259	275	273	7
01:00	.0	11.1	.00	29.24	-2.4	255	284	284	9
02:00	.0	11.0	.00	29.24	-2.8	243	260	265	7
03:00	.0	11.0	.00	29.23	-2.4	265	283	271	20
04:00	.0	10.6	.00	29.22	-2.3	218	246	257	15
05:00	.0	10.6	.00	29.20	-2.4	213	220	254	8
06:00	.0	10.8	.00	29.20	-2.5	269	219	259	3
07:00	.0	10.4	.00	29.20	1.7	263	226	258	5
08:00	.0	10.6	.00	29.21	44.3	232	199	264	11
09:00	.0	10.9	.00	29.20	125.4	114	162	238	10
10:00	.0	10.9	.00	29.20	154.8	225	236	239	11
11:00	.0	11.3	.00	29.18	330.9	193	205	274	16
12:00	.0	12.2	.00	29.15	145.0	262	271	266	14
13:00	.0	12.7	.00	29.12	116.7	276	285	279	17
14:00	.0	13.3	.00	29.09	117.0	257	294	298	13
15:00	.0	13.7	.00	29.07	107.5	189	333	330	19
16:00	.0	14.0	.00	29.05	46.7	254	267	276	10
17:00	.0	14.3	.00	29.03	12.9	283	316	5	13
18:00	.0	14.4	.00	29.01	-1.5	304	346	30	5
19:00	.0	13.6	.00	29.02	-2.3	257	233	316	7
20:00	.0	13.2	.00	29.01	-2.3	205	0	14	14
21:00	.0	13.0	.00	29.00	-2.3	326	66	258	11
22:00	.0	12.7	.00	28.97	-2.4	31	57	181	12
23:00	.0	12.7	.00	28.94	-2.2	78	308	173	17
Avg	.0	12.1	.00	29.13	48.9	249	268	274	11
Max	.0	14.4	.00	29.25	330.9	326	346	330	20
Hr. of Max	23	18	23	00	11	21	18	15	03
Min	.0	10.4	.00	28.94	-2.8	31	0	5	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	11	6	1.4	2.6	6.8	5.7	7.6	14.0
01:00	12	4	1.6	3.0	8.7	4.6	7.1	11.4
02:00	8	5	1.5	3.2	8.1	3.9	7.1	18.5
03:00	13	5	1.1	3.4	9.4	5.0	7.8	15.1
04:00	10	6	.7	3.3	9.7	3.2	6.9	22.4
05:00	9	6	.6	2.9	7.6	2.7	5.5	16.0
06:00	4	3	1.3	1.2	5.1	3.2	6.4	12.6
07:00	5	2	1.1	2.1	6.4	3.4	4.1	11.0
08:00	8	7	.8	1.3	6.6	4.4	3.9	11.2
09:00	15	12	.6	.8	2.0	3.0	3.0	8.5
10:00	14	11	2.3	2.3	3.4	6.4	6.9	7.8
11:00	30	22	1.1	1.3	1.5	3.7	4.1	5.3
12:00	13	11	3.2	3.6	4.0	7.6	7.6	6.9
13:00	15	11	2.9	3.6	3.7	8.0	9.2	7.6
14:00	18	14	1.8	1.9	2.6	8.0	8.9	6.0
15:00	28	19	.9	1.1	1.3	4.6	6.6	5.3
16:00	12	9	1.4	1.6	1.3	4.8	4.8	4.1
17:00	17	8	.7	.9	.7	2.5	3.2	2.5
18:00	12	8	1.3	2.0	2.2	3.0	4.4	4.1
19:00	6	13	1.6	1.8	1.9	3.2	5.0	3.7
20:00	10	21	.6	.8	.6	3.2	6.2	4.1
21:00	18	15	1.1	1.3	2.2	3.4	3.9	5.3
22:00	13	12	.6	.9	8.2	3.2	4.6	15.1
23:00	27	7	.5	.6	10.3	2.3	3.4	23.1
Avg	14	10	1.3	2.0	4.8	4.3	5.8	10.1
Max	30	22	3.2	3.6	10.3	8.0	9.2	23.1
Hr. of Max	11	11	12	13	23	14	13	23
Min	4	2	.5	.6	.6	2.3	3.0	2.5
Count	24	24	24	24	24	24	24	24
Total								