Current Time: 5:00 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/29/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHum gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	13.4	13.7	13.7	.2	.3	12.8	14.4	97.3	11.2
01:00	13.4	13.6	13.6	.2	.2	12.7	14.4	97.3	11.2
02:00	13.0	13.4	13.5	.3	.4	12.4	14.3	97.4	10.9
03:00	11.9	12.3	12.5	.4	.6	11.3	14.2	97.6	10.2
04:00	11.3	11.8	12.2	.5	.9	10.8	14.0	97.6	9.9
05:00	10.5	11.1	10.9	.6	.4	9.9	13.7	97.7	9.3
06:00	10.1	10.3	10.3	.3	.2	9.5	13.5	97.7	9.1
07:00	10.3	10.2	10.2	-.1	-.1	9.8	13.4	97.7	9.3
08:00	10.8	10.7	10.2	-.1	-.6	10.3	13.4	97.8	9.6
09:00	11.7	11.6	10.7	-.1	-1.0	11.2	13.4	97.9	10.1
10:00	12.5	12.3	11.7	-.2	-.9	12.0	13.6	97.9	10.7
11:00	14.1	13.9	12.9	-.2	-1.1	12.4	13.9	91.1	10.9
12:00	16.3	16.1	15.0	-.1	-1.3	11.9	14.3	76.4	10.4
13:00	17.9	17.7	16.7	-.3	-1.2	11.7	14.9	67.9	10.3
14:00	19.6	19.1	18.3	-.5	-1.3	11.1	15.6	59.4	9.9
15:00	20.0	19.7	18.9	-.3	-1.1	9.8	16.3	52.8	9.0
16:00	20.2	19.9	19.2	-.3	-1.0	10.8	16.7	55.9	9.6
17:00	19.6	19.6	19.1	.0	-.5	12.2	16.8	63.8	10.6
18:00	17.9	18.6	18.9	.8	1.0	13.3	16.8	75.8	11.4
19:00	16.8	17.3	18.4	.5	1.6	13.5	16.6	82.2	11.6
20:00	15.3	16.1	16.9	.8	1.6	13.4	16.3	89.6	11.6
21:00	14.6	15.3	16.0	.6	1.4	13.5	16.0	94.3	11.7
22:00	14.4	14.8	15.5	.4	1.1	13.5	15.7	95.9	11.7
23:00	14.0	14.5	15.0	.5	1.0	13.3	15.5	97.3	11.6
Avg	14.6	14.7	14.6	.2	.0	11.8	14.9	86.5	10.5
Max	20.2	19.9	19.2	.8	1.6	13.5	16.8	97.9	11.7
Hr. of Max	16	16	16	20	20	22	18	10	22
Min	10.1	10.2	10.2	-.5	-1.3	9.5	13.4	52.8	9.0
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	0.009405	14.8	.00	29.29	-2.0	317	62	197	12
01:00	0.00939	14.8	.00	29.29	-2.0	296	330	224	6
02:00	0.00919	14.4	.00	29.29	-2.1	269	307	329	5
03:00	0.008537	13.4	.00	29.30	-2.0	267	247	249	4
04:00	0.008236	13.0	.00	29.30	-2.1	303	247	242	4
05:00	0.007765	12.2	.00	29.30	-2.4	244	247	242	4
06:00	0.007563	11.9	.00	29.32	-2.4	257	244	182	8
07:00	0.007674	12.1	.00	29.33	-2.2	232	256	219	9
08:00	0.007945	12.5	.00	29.33	24.0	320	351	122	13
09:00	0.008439	13.3	.00	29.34	83.0	236	256	341	14
10:00	0.008921	14.1	.00	29.35	152.0	339	348	357	26
11:00	0.009182	14.5	.00	29.35	374.7	122	119	83	25
12:00	0.008857	14.0	.00	29.34	456.6	232	235	215	30
13:00	0.008762	13.8	.00	29.33	570.7	166	168	175	20
14:00	0.008489	13.4	.00	29.29	572.9	127	129	132	22
15:00	0.007748	12.2	.00	29.27	294.9	217	223	225	22
16:00	0.008297	13.0	.00	29.27	150.9	185	186	198	18
17:00	0.009132	14.3	.00	29.27	75.2	306	116	105	5
18:00	0.009754	15.3	.00	29.26	13.6	324	10	114	5
19:00	0.009887	15.5	.00	29.26	-1.4	14	62	102	7
20:00	0.00982	15.4	.00	29.25	-1.7	295	353	150	9
21:00	0.009867	15.5	.00	29.26	-1.9	307	173	237	11
22:00	0.009892	15.5	.00	29.26	-1.9	355	63	278	10
23:00	0.009777	15.3	.00	29.26	-2.1	307	54	169	9
Avg	0.008855	13.9	.00	29.30	114.3	279	258	194	12
Max	0.009892	15.5	.00	29.35	572.9	355	353	357	30
Hr. of Max	22	22	23	11	14	22	20	10	12
Min	0.007563	11.9	.00	29.25	-2.4	14	10	83	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	8	2	.6	.9	2.6	2.7	2.5	7.1
01:00	19	18	.6	.9	2.2	3.4	3.2	7.1
02:00	7	14	1.1	1.2	1.2	2.5	3.7	5.5
03:00	4	1	1.2	1.8	2.9	2.3	3.4	4.1
04:00	4	2	.7	1.0	1.6	2.1	4.8	7.3
05:00	4	3	1.5	2.0	2.2	3.0	4.8	4.1
06:00	3	2	1.7	2.2	3.6	4.1	5.3	5.5
07:00	6	4	1.4	1.3	2.2	3.9	9.4	10.1
08:00	18	5	.4	.7	2.0	2.3	3.0	4.8
09:00	17	13	1.1	1.2	1.3	3.7	5.0	4.4
10:00	25	18	1.7	2.1	2.7	6.4	6.6	5.5
11:00	20	23	2.2	2.1	2.0	7.3	6.2	7.1
12:00	32	21	2.2	2.4	3.0	12.6	9.8	9.4
13:00	22	27	3.0	3.1	2.7	7.3	7.1	7.3
14:00	20	21	3.5	3.5	3.3	13.7	13.1	9.2
15:00	24	24	3.1	3.3	3.7	8.7	9.4	9.2
16:00	17	19	1.6	1.6	1.8	8.5	6.2	6.4
17:00	8	6	.7	1.0	.9	2.7	3.7	3.4
18:00	12	3	1.0	1.3	2.3	3.0	2.5	6.6
19:00	5	4	1.0	1.5	3.2	2.3	3.4	5.3
20:00	17	7	1.5	2.4	3.0	3.9	4.4	7.3
21:00	4	3	.5	.8	2.2	3.7	5.0	6.0
22:00	4	2	.4	.7	1.0	2.1	2.1	2.3
23:00	12	5	.4	.8	1.8	2.5	2.5	4.6
Avg	13	10	1.4	1.7	2.3	4.8	5.3	6.2
Max	32	27	3.5	3.5	3.7	13.7	13.1	10.1
Hr. of Max	12	13	14	14	15	14	14	07
Min	3	1	.4	.7	.9	2.1	2.1	2.3
Count	24	24	24	24	24	24	24	24
Total								