Current Time: 1:19 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/12/2013

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	13.9	14.5	15.3	.6	1.4	13.3	19.1	97.8	11.6
01:00	13.2	14.0	15.0	.8	1.8	12.7	18.7	97.8	11.1
02:00	12.8	13.5	14.4	.7	1.6	12.2	18.3	97.8	10.8
03:00	12.5	13.2	13.7	.7	1.2	11.9	18.0	97.8	10.6
04:00	12.0	12.7	13.4	.7	1.4	11.5	17.7	97.8	10.3
05:00	11.7	12.4	13.4	.7	1.7	11.2	17.5	97.8	10.1
06:00	11.3	12.0	12.5	.8	1.2	10.7	17.3	97.8	9.8
07:00	10.7	11.5	12.5	.8	1.8	10.2	17.1	97.8	9.5
08:00	11.4	11.5	12.5	.1	1.1	10.9	16.9	97.9	9.9
09:00	13.6	13.3	12.8	-.3	<	12.9	16.9	97.1	11.3
10:00	17.0	16.6	15.6	-.4	<	12.6	17.3	76.9	11.0
11:00	20.2	19.7	18.7	-.5	-1.5 +	13.5	18.0	66.7	11.5
12:00	22.4	22.0	21.1	-.4	-1.3	14.2	18.3	61.1	11.9
13:00	23.7	23.4	22.5	-.3	-1.2	13.1	19.3	52.9	11.1
14:00	24.5	24.3	23.3	-.2	-1.2	12.4	20.3	47.6	10.6
15:00	25.2	25.0	24.0	-.2	-1.2	11.4	21.2	42.9	9.9
16:00	25.5	25.3	24.3	-.2	-1.2	10.9	21.8	41.1	9.6
17:00	24.8	24.7	24.2	-.1	-.6	11.9	22.2	45.6	10.2
18:00	21.2	23.3	23.6	2.1	1.4	14.5	22.2	67.6	12.2
19:00	18.9	20.0	21.7	1.1	2.7	15.3	21.8	81.2	13.0
20:00	17.7	18.6	20.6	.9	2.9	15.3	21.2	87.7	13.0
21:00	16.5	17.3	18.8	.8	2.3	15.3	20.6	94.4	13.0
22:00	15.3	16.3	17.6	1.0	2.3	14.6	20.1	97.5	12.5
23:00	15.0	15.5	17.2	.5	2.2	14.4	19.7	97.6	12.4
Avg	17.1	17.5	17.9	.4	.9	12.8	19.2	80.8	11.1
Max	25.5	25.3	24.3	2.1	2.9	15.3	22.2	97.9	13.0
Hr. of Max	16	16	16	18	20	21	18	08	21
Min	10.7	11.5	12.5	-.5	-1.5	10.2	16.9	41.1	9.5
Count	24	24	24	24	22	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	0.009853	15.4	.00	29.07	-1.8	306	264	325	10
01:00	0.009407	14.7	.00	29.07	-2.0	325	307	231	9
02:00	0.009148	14.3	.00	29.08	-2.0	265	26	228	8
03:00	0.008969	14.0	.00	29.08	-1.9	294	122	237	9
04:00	0.008682	13.6	.00	29.08	-1.9	276	239	255	7
05:00	0.0085	13.3	.00	29.09	-2.2	290	271	265	8
06:00	0.008257	12.9	.00	29.10	-2.3	270	231	269	2
07:00	0.00797	12.5	.00	29.11	1.3	293	263	254	4
08:00	0.008334	13.0	.00	29.12	86.7	62	77	141	16
09:00	0.009544	14.9	.00	29.13	351.3	115	116	100	13
10:00	0.009385	14.7	.00	29.14	464.6	101	110	87	24
11:00	0.009971	15.6	.00	29.14	639.3	130	145	144	26
12:00	0.010444	16.3	.00	29.14	730.4	153	166	192	19
13:00	0.009769	15.3	.00	29.13	761.3	238	247	265	19
14:00	0.009286	14.5	.00	29.12	728.3	249	267	276	23
15:00	0.008718	13.6	.00	29.11	531.1	246	253	267	31
16:00	0.008474	13.3	.00	29.11	468.6	268	276	279	18
17:00	0.009006	14.1	.00	29.11	215.8	283	289	294	18
18:00	0.010672	16.6	.00	29.11	32.3	323	315	317	6
19:00	0.011226	17.5	.00	29.11	-.2	340	45	355	6
20:00	0.011209	17.5	.00	29.11	-1.4	358	65	42	9
21:00	0.011191	17.4	.00	29.13	-1.5	333	78	31	5
22:00	0.010699	16.7	.00	29.15	-1.8	285	272	338	7
23:00	0.010534	16.4	.00	29.15	-1.6	28	54	69	8
Avg	0.009552	14.9	.00	29.11	207.9	295	264	276	13
Max	0.011226	17.5	.00	29.15	761.3	358	315	355	31
Hr. of Max	19	20	23	23	13	20	18	19	15
Min	0.00797	12.5	.00	29.07	-2.3	28	26	31	2
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	10	4	.7	1.0	1.8	2.7	2.1	4.6
01:00	8	4	.6	1.0	2.3	3.0	3.9	4.8
02:00	14	2	.5	.8	2.8	2.3	1.4	4.6
03:00	13	1	.7	1.0	3.8	2.7	3.0	7.6
04:00	3	2	1.0	2.1	4.3	3.4	4.4	10.8
05:00	5	2	.7	1.1	3.1	2.3	5.7	8.5
06:00	17	1	.7	1.0	3.4	1.6	2.5	5.0
07:00	9	2	.3	1.1	2.4	2.5	3.9	5.7
08:00	12	6	.6	.9	1.8	2.3	3.2	4.4
09:00	16	3	1.0	1.2	1.6	3.4	2.3	4.6
10:00	23	21	1.2	1.3	1.5	3.9	3.9	3.4
11:00	29	38	1.6	1.4	1.3	4.6	4.6	4.1
12:00	23	26	3.2	2.9	2.7	7.3	8.5	8.5
13:00	20	20	4.3	4.4	4.4	10.5	12.1	9.4
14:00	26	27	3.5	3.9	4.8	11.9	11.0	12.4
15:00	22	23	3.4	3.7	4.2	17.4	17.9	16.7
16:00	16	9	5.6	6.8	9.4	12.6	15.3	16.5
17:00	16	8	3.8	5.3	9.5	13.5	12.8	25.9
18:00	7	2	1.6	3.6	7.6	4.8	9.2	17.4
19:00	10	6	.9	1.2	3.6	4.6	5.5	11.2
20:00	6	1	.9	1.2	4.6	3.0	7.8	6.9
21:00	6	5	1.0	1.3	4.8	2.7	3.0	11.4
22:00	14	14	.9	1.2	1.6	2.7	2.7	5.0
23:00	5	3	1.0	1.4	2.4	2.5	4.1	4.8
Avg	14	10	1.7	2.1	3.7	5.3	6.3	8.9
Max	29	38	5.6	6.8	9.5	17.4	17.9	25.9
Hr. of Max	11	11	16	16	17	15	15	17
Min	3	1	.3	.8	1.3	1.6	1.4	3.4
Count	24	24	24	24	24	24	24	24
Total								