Current Time: 6:22 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/1/2013

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	15.5	15.8	16.0	.4	.5	14.9	20.1	97.9	12.7
01:00	14.7	15.2	15.1	.5	.4	14.1	19.8	97.9	12.2
02:00	14.2	14.8	15.0	.5	.8	13.6	19.4	97.9	11.8
03:00	14.0	14.5	14.9	.5	.9	13.4	19.2	97.9	11.6
04:00	13.5	14.0	14.2	.5	.7	13.0	18.9	97.9	11.3
05:00	13.2	13.7	13.9	.5	.7	12.7	18.7	97.9	11.1
06:00	13.2	13.7	14.1	.4	.8	12.7	18.5	97.9	11.1
07:00	13.9	14.1	14.0	.2	.1	13.3	18.4	98.0	11.6
08:00	14.4	14.5	14.1	.1	-.3	13.8	18.4	98.0	11.9
09:00	15.1	15.0	14.6	-.1	-.5	14.5	18.5	98.1	12.4
10:00	16.8	16.7	16.1	-.2	-.7	16.1	18.6	97.6	13.7
11:00	20.0	19.8	18.9	-.2	-1.1	14.7	18.9	73.0	12.4
12:00	22.0	21.8	20.8	-.2	-1.2	15.2	19.2	67.1	12.8
13:00	22.8	22.6	21.6	-.2	-1.2	15.5	19.9	64.9	13.0
14:00	24.0	23.7	22.6	-.3	-1.4	15.2	20.7	59.4	12.7
15:00	24.7	24.4	23.3	-.3	-1.4	14.0	21.5	52.6	11.7
16:00	25.2	24.9	23.8	-.3	-1.4	14.2	22.2	51.6	11.8
17:00	25.1	25.0	23.9	-.2	-1.2	14.7	22.8	53.7	12.2
18:00	22.9	24.2	23.9	1.3	1.0	16.3	23.0	68.1	13.6
19:00	20.2	21.5	22.2	1.3	2.0	17.7	22.9	87.2	15.0
20:00	18.9	19.9	21.1	1.0	2.2	18.0	22.4	96.7	15.4
21:00	18.0	18.7	19.5	.7	1.5	17.3	21.9	97.7	14.7
22:00	17.3	17.9	18.7	.6	1.4	16.7	21.4	97.9	14.2
23:00	17.0	17.4	17.8	.3	.8	16.4	21.0	97.9	14.0
Avg	18.2	18.5	18.3	.3	.1	14.9	20.3	85.2	12.7
Max	25.2	25.0	23.9	1.3	2.2	18.0	23.0	98.1	15.4
Hr. of Max	16	17	18	19	20	20	18	09	20
Min	13.2	13.7	13.9	-.3	-1.4	12.7	18.4	51.6	11.1
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	0.010866	16.9	.00	29.11	-1.4	13	56	169	4
01:00	0.010362	16.2	.00	29.11	-1.7	322	92	76	5
02:00	0.010032	15.7	.00	29.12	-1.6	335	77	18	3
03:00	0.009861	15.4	.00	29.12	-1.8	18	61	37	5
04:00	0.009597	15.0	.00	29.13	-2.0	291	62	82	6
05:00	0.009397	14.7	.00	29.14	-1.4	279	59	82	2
06:00	0.009404	14.7	.00	29.15	-1.7	271	70	49	5
07:00	0.00981	15.3	.00	29.17	1.6	323	57	57	7
08:00	0.010114	15.8	.00	29.18	28.7	256	20	108	5
09:00	0.010581	16.5	.00	29.20	93.7	232	251	183	9
10:00	0.011776	18.4	.00	29.20	228.8	239	247	190	10
11:00	0.010746	16.8	.00	29.20	661.3	212	220	224	23
12:00	0.011154	17.4	.00	29.19	732.1	248	246	235	22
13:00	0.011366	17.7	.00	29.18	516.5	241	240	231	23
14:00	0.01118	17.4	.00	29.15	687.2	236	237	231	19
15:00	0.01032	16.1	.00	29.14	609.4	236	236	227	21
16:00	0.010446	16.3	.00	29.13	513.4	227	229	226	24
17:00	0.010817	16.9	.00	29.12	307.2	244	242	239	14
18:00	0.011949	18.6	.00	29.13	100.9	308	259	263	5
19:00	0.013048	20.3	.00	29.13	3.4	330	44	238	5
20:00	0.013365	20.8	.00	29.14	-1.2	347	56	159	7
21:00	0.012727	19.8	.00	29.15	-1.5	310	56	187	4
22:00	0.012221	19.0	.00	29.16	-1.3	348	51	275	3
23:00	0.011993	18.7	.00	29.16	-1.4	12	66	309	4
Avg	0.010964	17.1	.00	29.15	186.1	288	55	201	10
Max	0.013365	20.8	.00	29.20	732.1	348	259	309	24
Hr. of Max	20	20	23	11	12	22	18	23	16
Min	0.009397	14.7	.00	29.11	-2.0	12	20	18	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	3	3	.6	.9	1.5	2.3	2.3	3.9
01:00	2	3	.5	.8	1.2	2.1	2.1	2.7
02:00	2	14	.5	.8	2.7	2.5	2.3	4.1
03:00	4	2	.3	.7	2.7	1.4	2.5	4.4
04:00	3	1	.6	1.0	3.2	2.1	3.4	4.6
05:00	4	3	.6	1.0	2.1	2.3	2.3	6.4
06:00	6	5	.7	.9	1.5	3.0	2.1	3.4
07:00	4	2	.2	.5	1.1	1.1	1.5	5.7
08:00	10	3	1.2	1.2	1.3	3.4	3.2	2.7
09:00	8	1	1.4	1.6	4.1	5.0	5.5	5.5
10:00	19	7	.9	1.2	4.1	3.7	3.9	8.0
11:00	23	15	3.3	3.6	4.4	9.8	9.8	8.5
12:00	19	12	4.9	5.9	7.1	11.2	12.8	13.3
13:00	19	12	4.1	5.4	7.0	12.8	13.3	14.7
14:00	20	14	4.4	5.2	6.0	11.0	11.2	12.8
15:00	18	12	4.4	5.3	6.3	12.1	11.9	16.5
16:00	24	27	2.8	2.9	3.0	10.1	8.5	7.6
17:00	18	12	2.1	2.3	2.6	6.9	7.3	8.7
18:00	7	6	.9	1.0	1.0	3.0	3.9	3.2
19:00	9	5	.9	.9	.8	1.8	2.3	3.9
20:00	5	3	.8	1.0	2.0	3.2	2.5	3.2
21:00	12	3	.8	1.0	1.3	2.3	3.2	2.5
22:00	2	2	.3	.5	1.0	1.4	1.8	1.4
23:00	4	11	.6	.8	.8	1.8	2.5	3.2
Avg	10	7	1.6	1.9	2.9	4.8	5.1	6.3
Max	24	27	4.9	5.9	7.1	12.8	13.3	16.5
Hr. of Max	16	16	12	12	12	13	13	15
Min	2	1	.2	.5	.8	1.1	1.5	1.4
Count	24	24	24	24	24	24	24	24
Total								