Current Time: 6:07 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/22/2013

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	9.7	10.2	11.1	.5	1.4	9.1	14.7	97.5	8.9
01:00	9.7	10.3	10.8	.6	1.1	9.1	14.5	97.5	8.9
02:00	9.7	10.5	10.7	.8	1.0	9.1	14.4	97.5	8.9
03:00	10.2	11.1	11.3	1.0	1.1	9.6	14.3	97.4	9.1
04:00	10.4	11.3	11.3	.9	.9	9.8	14.2	97.4	9.3
05:00	10.2	11.3	11.3	1.2	1.1	9.6	14.1	97.5	9.2
06:00	10.3	11.1	11.3	.9	1.0	9.7	14.1	97.5	9.2
07:00	10.4	11.1	11.2	.6	.8	9.9	14.0	97.4	9.3
08:00	10.5	11.0	11.2	.5	.7	9.8	13.9	96.6	9.3
09:00	11.5	11.6	11.4	.1	-.1	10.3	13.9	93.5	9.5
10:00	12.9	12.7	12.0	-.2	-.9	9.4	14.0	80.8	9.0
11:00	14.1	13.9	12.9	-.2	-1.2	9.4	14.4	74.3	8.9
12:00	14.5	14.3	13.3	-.3	-1.2	9.6	14.8	73.3	9.0
13:00	15.6	15.3	14.8	-.3	-.8	9.2	15.3	66.6	8.8
14:00	15.4	15.1	14.5	-.3	-.9	9.4	15.9	68.3	8.9
15:00	15.2	14.9	14.2	-.2	-1.0	9.8	16.2	71.3	9.1
16:00	15.4	15.2	14.6	-.2	-.8	9.8	16.3	70.3	9.1
17:00	15.1	14.9	14.3	-.2	-.9	10.3	16.5	74.0	9.5
18:00	14.4	14.2	14.1	-.1	-.3	10.8	16.5	80.6	9.8
19:00	13.3	13.5	12.8	.2	-.5	11.1	16.3	87.5	10.0
20:00	12.9	12.9	12.4	.1	-.5	11.1	16.1	90.1	10.0
21:00	12.0	12.1	11.8	.1	-.2	10.8	15.9	93.7	9.9
22:00	10.8	11.2	11.1	.5	.3	10.0	15.6	96.1	9.4
23:00	9.3	10.2	10.6	.8	1.3	8.7	15.2	97.4	8.7
Avg	12.2	12.5	12.3	.3	.1	9.8	15.0	87.3	9.2
Max	15.6	15.3	14.8	1.2	1.4	11.1	16.5	97.5	10.0
Hr. of Max	13	13	13	05	00	20	18	06	20
Min	9.3	10.2	10.6	-.3	-1.2	8.7	13.9	66.6	8.7
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	0.007407	11.6	.00	29.05	-1.6	325	35	197	8
01:00	0.007409	11.6	.00	29.06	-2.6	259	231	244	8
02:00	0.007426	11.6	.00	29.06	-2.8	254	244	232	7
03:00	0.007655	12.0	.00	29.05	-2.2	251	247	220	7
04:00	0.007753	12.1	.00	29.04	-2.3	260	252	221	6
05:00	0.00768	12.0	.00	29.04	-2.3	272	233	225	8
06:00	0.007723	12.1	.00	29.03	-1.9	307	240	237	8
07:00	0.007801	12.2	.00	29.04	-1.3	259	240	237	7
08:00	0.007769	12.1	.00	29.04	31.4	246	249	227	12
09:00	0.008028	12.5	.00	29.06	74.8	204	228	266	12
10:00	0.007594	11.9	.00	29.06	224.1	224	239	278	28
11:00	0.007573	11.8	.00	29.05	330.1	277	282	284	17
12:00	0.007687	12.0	.00	29.03	340.7	281	291	294	17
13:00	0.007486	11.7	.00	29.00	458.0	288	294	298	20
14:00	0.007592	11.8	.00	28.98	188.7	303	307	297	17
15:00	0.007805	12.2	.00	28.97	190.6	290	298	295	20
16:00	0.00782	12.2	.00	28.95	182.9	288	298	296	20
17:00	0.008088	12.6	.00	28.94	74.0	281	291	302	16
18:00	0.008381	13.0	.00	28.94	13.7	299	315	309	13
19:00	0.008522	13.2	.00	28.94	-1.9	273	280	307	9
20:00	0.008508	13.2	.00	28.94	-2.1	273	266	293	10
21:00	0.008334	13.0	.00	28.95	-2.0	283	290	294	10
22:00	0.007892	12.3	.00	28.94	-2.2	276	261	273	12
23:00	0.007258	11.3	.00	28.94	-2.3	298	252	253	6
Avg	0.0078	12.2	.00	29.00	86.7	274	268	267	12
Max	0.008522	13.2	.00	29.06	458.0	325	315	309	28
Hr. of Max	19	20	23	10	13	00	18	18	10
Min	0.007258	11.3	.00	28.94	-2.8	204	35	197	6
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	15	3	.6	1.0	4.0	2.5	2.5	6.0
01:00	3	2	1.2	2.1	6.4	3.0	4.4	11.0
02:00	3	2	1.5	2.2	7.8	4.1	6.0	13.1
03:00	4	2	1.9	3.5	8.6	4.4	10.3	21.3
04:00	4	2	1.4	2.0	9.1	4.4	8.5	19.7
05:00	4	2	1.1	1.9	7.6	2.7	3.7	15.6
06:00	14	2	.8	1.0	7.3	3.7	4.4	14.9
07:00	4	3	2.1	4.0	9.1	4.6	6.6	15.8
08:00	4	2	1.1	2.9	8.0	3.7	6.2	16.0
09:00	9	9	1.2	2.1	5.9	3.4	8.0	18.5
10:00	30	20	1.4	1.6	2.0	8.0	6.2	9.2
11:00	19	17	3.6	3.8	3.8	9.4	8.0	7.3
12:00	17	12	4.2	4.5	5.1	9.8	10.8	9.8
13:00	20	20	4.3	4.9	5.7	11.4	11.4	15.8
14:00	14	10	4.1	5.0	6.5	10.8	15.3	15.8
15:00	16	10	3.5	4.4	6.0	11.7	10.8	12.6
16:00	22	13	2.5	2.7	4.6	7.3	8.7	11.2
17:00	15	8	2.3	2.5	4.2	5.5	5.7	6.6
18:00	13	3	1.2	2.2	6.6	4.1	5.0	12.4
19:00	18	7	1.0	1.2	5.6	4.4	3.9	11.7
20:00	13	8	1.1	1.3	5.8	3.2	5.3	15.6
21:00	12	6	1.9	3.3	9.0	6.0	8.9	14.2
22:00	11	8	1.4	2.3	6.8	4.1	8.2	15.6
23:00	5	5	1.3	2.6	7.5	3.2	5.5	12.8
Avg	12	7	1.9	2.7	6.4	5.6	7.3	13.4
Max	30	20	4.3	5.0	9.1	11.7	15.3	21.3
Hr. of Max	10	13	13	14	07	15	14	03
Min	3	2	.6	1.0	2.0	2.5	2.5	6.0
Count	24	24	24	24	24	24	24	24
Total								