Current Time: 7:08 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/16/2013

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	17.0	17.1	17.0	.1	.0	15.6	19.8	93.6	13.3
01:00	16.8	16.9	17.0	.1	.2	15.1	19.7	91.6	12.9
02:00	16.2	16.4	16.4	.2	.2	14.7	19.5	92.3	12.6
03:00	16.0	16.1	16.1	.0	.1	14.6	19.3	92.8	12.5
04:00	15.2	15.5	15.6	.3	.4	14.4	19.1	96.6	12.4
05:00	15.0	15.4	15.6	.3	.6	14.3	18.9	96.9	12.2
06:00	15.3	15.5	15.7	.2	.4	14.3	18.8	95.5	12.3
07:00	15.2	15.3	15.5	.1	.3	14.3	18.7	96.3	12.3
08:00	15.4	15.5	15.6	.1	.2	14.5	18.6	96.0	12.4
09:00	15.9	15.8	15.7	-.1	-.2	14.4	18.6	92.4	12.4
10:00	17.0	16.8	16.1	-.2	-.9	14.0	18.7	84.0	12.0
11:00	17.6	17.4	16.5	-.2	-1.1	14.0	18.9	80.6	11.9
12:00	18.4	18.2	17.4	-.2	-1.0	13.8	19.1	75.6	11.7
13:00	18.8	18.6	17.8	-.2	-1.0	14.0	19.4	74.8	11.9
14:00	19.1	18.9	18.1	-.2	-1.0	14.1	19.6	74.0	12.0
15:00	19.5	19.3	18.5	-.2	-1.0	14.5	19.8	74.1	12.3
16:00	19.5	19.3	18.7	-.2	-.8	15.1	20.0	77.4	12.8
17:00	19.6	19.4	18.8	-.1	-.8	15.2	20.0	77.5	12.9
18:00	18.8	18.9	18.7	.2	-.1	16.2	20.1	86.9	13.7
19:00	18.1	18.4	18.5	.3	.4	16.3	20.0	91.3	13.9
20:00	17.7	18.1	18.1	.4	.4	16.4	19.9	94.2	14.0
21:00	17.3	17.5	17.5	.2	.2	16.6	19.7	97.3	14.1
22:00	17.0	17.1	17.2	.1	.2	16.4	19.6	97.7	13.9
23:00	17.1	17.0	17.1	.0	.0	16.4	19.5	97.8	14.0
Avg	17.2	17.3	17.1	.0	-.2	15.0	19.4	88.6	12.8
Max	19.6	19.4	18.8	.4	.6	16.6	20.1	97.8	14.1
Hr. of Max	17	17	17	20	05	21	18	23	21
Min	15.0	15.3	15.5	-.2	-1.1	13.8	18.6	74.0	11.7
Count	24	24	24	24	24	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	0.011455	17.8	.00	29.08	-2.0	257	238	217	6
01:00	0.011074	17.2	.00	29.08	-1.4	255	254	233	11
02:00	0.010788	16.8	.00	29.07	-1.7	257	257	244	9
03:00	0.010694	16.6	.00	29.07	-1.4	249	250	247	12
04:00	0.010585	16.5	.00	29.06	-2.0	248	249	242	8
05:00	0.010465	16.3	.00	29.07	-2.0	237	247	247	6
06:00	0.010478	16.3	.00	29.08	-1.4	220	226	247	6
07:00	0.010511	16.4	.00	29.08	-.9	233	232	237	4
08:00	0.010602	16.5	.00	29.09	12.5	237	230	237	7
09:00	0.010583	16.5	.00	29.10	68.5	241	242	250	12
10:00	0.010306	16.1	.00	29.10	163.8	226	231	239	16
11:00	0.010261	16.0	.00	29.10	179.7	227	231	222	16
12:00	0.010136	15.8	.00	29.09	204.5	230	231	226	19
13:00	0.010278	16.0	.00	29.07	199.5	231	233	228	20
14:00	0.010379	16.1	.00	29.05	190.8	236	237	229	18
15:00	0.010654	16.6	.00	29.04	158.3	249	252	240	14
16:00	0.011128	17.3	.00	29.04	98.1	249	243	228	15
17:00	0.011182	17.4	.00	29.03	73.6	246	239	222	14
18:00	0.011938	18.5	.00	29.02	16.3	294	279	240	7
19:00	0.012013	18.6	.00	29.03	-1.4	342	20	197	7
20:00	0.012089	18.7	.00	29.03	-1.5	349	41	53	6
21:00	0.012199	18.9	.02	29.04	-1.6	8	57	40	8
22:00	0.012037	18.7	.01	29.04	-1.7	14	46	52	8
23:00	0.012059	18.7	.00	29.02	-1.2	22	58	64	12
Avg	0.010996	17.1	.00	29.06	56.1	258	248	234	11
Max	0.012199	18.9	.02	29.10	204.5	349	279	250	20
Hr. of Max	21	21	21	11	12	20	18	09	13
Min	0.010136	15.8	.00	29.02	-2.0	8	20	40	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	5	5	1.9	3.7	7.9	4.6	6.2	16.3
01:00	9	5	2.5	4.9	9.8	5.3	10.8	19.0
02:00	7	5	2.3	4.6	9.5	6.4	10.1	19.7
03:00	10	6	1.7	3.7	9.5	12.8	11.9	24.7
04:00	7	4	1.4	3.6	9.7	4.1	7.3	19.2
05:00	7	4	1.1	2.9	8.7	4.1	8.2	19.5
06:00	7	5	1.3	2.9	7.7	3.4	5.0	19.9
07:00	4	3	.9	2.0	6.2	3.0	6.6	14.9
08:00	6	4	.9	1.2	6.2	3.9	4.1	11.2
09:00	12	7	1.4	2.5	6.4	4.1	5.7	13.7
10:00	14	11	2.8	3.4	4.7	6.6	7.6	8.5
11:00	17	10	3.2	4.0	5.5	8.5	8.9	10.5
12:00	18	9	4.1	5.2	7.7	11.4	11.7	15.1
13:00	18	10	4.3	5.7	8.0	12.1	15.3	16.0
14:00	17	9	4.7	6.3	9.2	12.8	13.7	20.4
15:00	14	9	3.6	4.7	6.3	8.0	8.7	16.3
16:00	17	9	2.1	2.9	4.8	5.7	7.1	10.5
17:00	13	9	2.2	2.7	4.3	5.3	6.9	9.8
18:00	5	3	.8	1.5	2.7	2.7	3.4	5.3
19:00	9	8	1.1	1.3	1.6	3.2	3.4	8.2
20:00	12	6	.9	1.1	1.2	2.3	2.3	3.0
21:00	9	3	1.6	1.2	2.3	3.7	4.4	5.7
22:00	5	3	1.5	2.5	2.8	5.0	4.8	5.0
23:00	8	3	1.3	2.4	2.7	3.2	4.8	7.6
Avg	10	6	2.1	3.2	6.1	5.9	7.5	13.3
Max	18	11	4.7	6.3	9.8	12.8	15.3	24.7
Hr. of Max	13	10	14	14	01	14	13	03
Min	4	3	.8	1.1	1.2	2.3	2.3	3.0
Count	24	24	24	24	24	24	24	24
Total								