Current Time: 7:52 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/23/2013

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	12.8	12.8	12.5	.0	-.3	12.2	11.3	97.6	10.8
01:00	12.6	12.5	12.3	.0	-.3	12.0	11.2	97.7	10.7
02:00	12.4	12.4	12.4	.0	-.1	11.9	11.2	97.7	10.6
03:00	12.2	12.2	12.0	.0	-.2	11.6	11.1	97.5	10.4
04:00	11.6	11.7	11.6	.1	.0	11.0	11.0	97.5	10.0
05:00	10.3	10.2	9.4	-.1	-.9	9.6	10.9	96.9	9.2
06:00	7.5	7.3	6.7	-.2	-.8	6.5	10.8	94.5	7.5
07:00	6.7	6.6	6.0	-.2	-.7	4.9	10.6	88.6	6.7
08:00	5.5	5.3	4.7	-.2	-.8	3.4	10.3	87.0	6.1
09:00	5.1	4.9	4.4	-.2	-.7	2.9	10.0	86.6	5.9
10:00	5.1	4.9	4.4	-.2	-.7	2.7	9.9	85.3	5.8
11:00	5.4	5.1	4.6	-.2	-.8	2.5	9.8	82.5	5.7
12:00	5.3	5.0	4.1	-.3	-1.2	1.9	9.7	79.1	5.4
13:00	5.2	4.9	4.1	-.3	-1.1	1.4	9.6	77.3	5.3
14:00	5.2	4.8	4.1	-.3	-1.1	1.0	9.6	75.2	5.1
15:00	5.1	4.8	3.9	-.3	-1.2	.3	9.6	71.8	4.9
16:00	4.3	4.0	3.5	-.3	-.8	-.5	9.5	71.1	4.6
17:00	3.5	3.3	2.8	-.2	-.7	-1.4	9.4	70.7	4.3
18:00	2.1	2.1	1.8	.1	-.3	-1.9	9.1	75.2	4.2
19:00	1.2	1.5	1.5	.3	.3	-1.9	8.7	80.4	4.2
20:00	.7	1.1	1.0	.4	.3	-2.2	8.3	81.1	4.1
21:00	-.1	.6	.5	.7	.6	-2.4	7.8	85.0	4.1
22:00	.1	.4	.3	.3	.2	-2.4	7.4	83.5	4.1
23:00	.2	.2	.0	-.1	-.2	-2.3	7.1	83.4	4.1
Avg	5.8	5.8	5.4	-.1	-.5	3.4	9.7	85.1	6.4
Max	12.8	12.8	12.5	.7	.6	12.2	11.3	97.7	10.8
Hr. of Max	00	00	00	21	21	00	00	02	00
Min	-.1	.2	.0	-.3	-1.2	-2.4	7.1	70.7	4.1
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	0.00915	14.3	.01	29.08	-1.4	249	252	240	13
01:00	0.009009	14.1	.00	29.08	-1.6	225	231	233	14
02:00	0.008923	13.9	.00	29.09	-1.7	230	228	216	15
03:00	0.008755	13.7	.00	29.09	-1.7	244	240	223	13
04:00	0.008431	13.2	.00	29.09	-1.8	238	231	221	12
05:00	0.007685	12.0	.00	29.11	-2.1	256	265	268	15
06:00	0.006191	9.7	.00	29.15	-2.0	251	261	271	16
07:00	0.005498	8.7	.00	29.19	-1.6	257	266	279	19
08:00	0.004958	7.8	.00	29.21	10.5	261	271	277	15
09:00	0.004784	7.6	.00	29.25	47.4	245	250	268	18
10:00	0.004701	7.4	.00	29.28	50.2	232	243	264	19
11:00	0.004636	7.3	.00	29.29	64.5	292	301	308	18
12:00	0.004422	7.0	.00	29.28	80.7	337	348	342	23
13:00	0.004284	6.8	.00	29.28	107.0	335	350	337	26
14:00	0.004166	6.6	.00	29.28	105.0	42	36	24	36
15:00	0.003967	6.3	.00	29.28	81.2	49	38	30	41
16:00	0.003716	5.9	.00	29.30	48.8	44	34	24	39
17:00	0.003478	5.5	.00	29.31	7.4	45	36	26	36
18:00	0.003342	5.3	.00	29.32	-2.2	19	32	27	35
19:00	0.003344	5.3	.00	29.33	-2.0	21	35	36	19
20:00	0.00327	5.2	.00	29.34	-2.4	17	28	29	20
21:00	0.003219	5.1	.00	29.34	-2.6	323	6	18	20
22:00	0.00322	5.1	.00	29.34	-2.7	293	0	13	12
23:00	0.003238	5.1	.00	29.35	-2.2	297	350	7	24
Avg	0.005266	8.3	.00	29.24	23.9	296	315	319	22
Max	0.00915	14.3	.01	29.35	107.0	337	350	342	41
Hr. of Max	00	00	00	23	13	12	23	12	15
Min	0.003219	5.1	.00	29.08	-2.7	17	0	7	12
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	5	2.0	3.9	9.0	6.4	11.4	16.5
01:00	8	5	2.4	4.6	9.4	8.5	10.3	19.9
02:00	11	5	3.4	5.8	11.6	9.6	12.6	21.5
03:00	10	5	2.7	4.7	9.3	10.8	17.9	25.0
04:00	7	4	2.2	4.8	10.2	7.3	10.5	22.7
05:00	13	8	6.7	8.6	13.6	17.6	19.2	22.0
06:00	15	10	6.7	8.6	13.0	14.7	18.8	30.9
07:00	18	13	4.8	6.2	11.0	12.1	14.4	30.2
08:00	15	8	6.1	7.5	11.6	13.5	15.3	25.9
09:00	20	14	3.5	4.1	6.7	10.8	13.1	27.7
10:00	19	14	2.7	2.9	4.0	6.0	6.6	8.9
11:00	19	12	3.3	4.1	6.0	8.9	10.3	11.0
12:00	23	14	3.5	4.9	7.4	10.1	10.5	15.8
13:00	24	16	3.0	4.2	6.3	8.7	9.8	11.2
14:00	19	14	2.5	4.8	6.9	10.3	10.5	11.2
15:00	22	11	2.4	4.7	7.9	8.9	11.2	16.9
16:00	23	10	2.5	5.5	9.8	8.7	13.7	15.1
17:00	19	9	2.5	6.0	9.6	8.9	14.2	16.0
18:00	14	7	1.6	5.5	10.4	11.2	17.2	24.3
19:00	10	5	1.2	4.6	9.2	6.0	9.2	25.4
20:00	11	5	.9	4.1	9.6	4.4	9.4	19.0
21:00	24	6	1.4	4.2	10.0	3.9	7.8	15.3
22:00	23	18	.9	1.8	5.2	2.5	8.5	17.9
23:00	25	19	.6	1.4	6.1	2.5	4.8	13.1
Avg	17	10	2.9	4.9	8.9	8.8	12.0	19.3
Max	25	19	6.7	8.6	13.6	17.6	19.2	30.9
Hr. of Max	23	23	06	06	05	05	05	06
Min	7	4	.6	1.4	4.0	2.5	4.8	8.9
Count	24	24	24	24	24	24	24	24
Total								