Current Time: 6:11 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/10/2013

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	6.4	8.4	8.4	1.9	2.0	2.5	9.5	76.3	5.7
01:00	6.3	7.7	8.3	1.4	2.0	2.7	9.5	78.8	5.8
02:00	5.6	6.8	8.1	1.2	1.5	3.0	9.4	84.0	5.9
03:00	5.1	6.4	7.9	1.3	1.8	3.0	9.2	87.1	5.9
04:00	4.5	6.0	7.6	1.5	3.1	2.8	9.0	89.2	5.8
05:00	3.2	4.5	7.2	1.4	4.0	2.5	8.8	96.3	5.8
06:00	2.9	3.9	6.1	1.0	3.2	2.4	8.6	97.1	5.7
07:00	2.9	3.8	5.5	.9	<	2.3	8.4	96.6	5.7
08:00	4.7	5.0	5.0	.3	<	1.7	8.3	81.4	5.4
09:00	9.2	9.1	8.0	-.1	-1.2	2.8	8.4	64.9	5.8
10:00	12.5	12.3	11.1	-.2	-1.4	2.9	8.9	53.0	5.8
11:00	14.2	13.9	12.8	-.3	-1.4	3.2	9.6	48.3	5.9
12:00	15.7	15.4	14.3	-.3	-1.4	3.4	10.5	44.4	5.9
13:00	17.0	16.8	15.8	-.2	-1.2	1.8	11.3	36.6	5.3
14:00	18.4	18.1	17.2	-.3	-1.2	-.6	12.0	28.6	4.5
15:00	18.6	18.3	17.6	-.2	-1.0	-2.7	12.6	24.0	3.8
16:00	17.8	17.7	17.0	-.2	-.8	-2.5	12.7	25.4	3.9
17:00	16.4	16.4	16.1	.0	-.3	-1.7	12.7	29.6	4.1
18:00	14.0	15.1	14.7	1.1	.7	-1.4	12.3	35.3	4.2
19:00	12.2	13.8	14.0	1.6	1.8	-3.5	11.9	33.9	3.6
20:00	10.6	12.3	12.2	1.7	1.6	-3.4	11.4	37.8	3.7
21:00	8.8	10.7	11.1	1.9	2.3	-2.3	11.0	46.2	4.0
22:00	8.4	9.6	9.7	1.3	1.3	-2.5	10.6	46.8	3.9
23:00	7.8	8.6	8.6	.8	.8	-3.5	10.2	45.3	3.7
Avg	10.1	10.9	11.0	.7	.7	.5	10.3	57.8	5.0
Max	18.6	18.3	17.6	1.9	4.0	3.4	12.7	97.1	5.9
Hr. of Max	15	15	15	21	05	12	17	06	12
Min	2.9	3.8	5.0	-.3	-1.4	-3.5	8.3	24.0	3.6
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	0.004622	7.3	.00	29.27	-2.2	247	250	233	5
01:00	0.004716	7.5	.00	29.26	-2.1	281	231	242	7
02:00	0.004789	7.6	.00	29.26	-2.0	124	240	243	5
03:00	0.004813	7.6	.00	29.27	-2.3	263	251	230	8
04:00	0.004732	7.5	.00	29.27	-2.7	249	246	240	5
05:00	0.004635	7.3	.00	29.28	-2.1	247	230	223	12
06:00	0.004582	7.3	.00	29.29	-2.6	288	234	224	10
07:00	0.004549	7.2	.00	29.30	14.7	357	307	249	9
08:00	0.004363	6.9	.00	29.31	126.3	107	70	258	13
09:00	0.004745	7.5	.00	29.32	371.3	165	182	251	14
10:00	0.004798	7.6	.00	29.33	506.9	231	232	238	26
11:00	0.004903	7.8	.00	29.32	596.6	182	188	180	22
12:00	0.004977	7.9	.00	29.30	632.2	185	196	205	23
13:00	0.004461	7.1	.00	29.27	589.7	230	249	256	26
14:00	0.003792	6.0	.00	29.26	422.8	289	300	306	25
15:00	0.003233	5.1	.00	29.26	337.9	274	285	291	19
16:00	0.003266	5.2	.00	29.26	152.4	276	283	291	18
17:00	0.003472	5.5	.00	29.27	12.7	296	303	307	16
18:00	0.003524	5.6	.00	29.28	-1.4	305	331	329	15
19:00	0.003028	4.8	.00	29.29	-1.5	360	9	354	20
20:00	0.00303	4.8	.00	29.29	-1.8	2	19	8	15
21:00	0.00328	5.2	.00	29.31	-1.8	45	49	29	16
22:00	0.003231	5.1	.00	29.31	-2.0	348	75	46	20
23:00	0.003004	4.8	.00	29.31	-2.2	33	58	57	21
Avg	0.004106	6.5	.00	29.29	155.7	278	266	266	15
Max	0.004977	7.9	.00	29.33	632.2	360	331	354	26
Hr. of Max	12	12	23	10	12	19	18	19	13
Min	0.003004	4.8	.00	29.26	-2.7	2	9	8	5
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	4	1	1.2	2.6	7.6	2.7	5.7	13.3
01:00	3	3	1.1	3.0	7.3	3.7	4.4	16.7
02:00	8	2	.3	.9	6.2	1.4	3.2	15.1
03:00	9	1	1.6	1.9	7.6	4.1	5.5	12.1
04:00	5	1	2.7	4.7	9.9	6.0	8.5	18.3
05:00	11	5	1.5	1.7	5.9	4.4	6.0	15.1
06:00	11	3	1.2	1.5	7.7	3.2	3.2	11.7
07:00	10	3	.4	.8	7.6	3.9	4.4	16.3
08:00	7	5	.8	1.2	4.0	2.7	3.4	11.7
09:00	16	8	2.6	2.6	3.7	6.2	7.3	8.0
10:00	22	16	3.3	3.6	4.2	8.2	8.5	10.8
11:00	25	25	3.1	3.0	2.8	8.5	8.0	8.2
12:00	28	19	3.7	4.0	4.6	11.4	10.1	13.7
13:00	21	23	4.1	4.6	5.0	12.1	12.4	11.2
14:00	24	22	5.0	5.8	7.9	17.2	19.7	24.3
15:00	19	15	7.7	9.3	12.6	19.5	21.1	26.1
16:00	17	10	6.6	8.4	13.1	15.8	16.7	23.1
17:00	15	10	3.5	4.9	9.3	9.4	12.4	23.8
18:00	26	11	1.8	2.7	8.4	8.0	9.2	21.8
19:00	24	19	1.4	3.2	8.3	4.6	8.5	14.0
20:00	18	20	1.4	4.6	10.6	6.2	9.8	16.0
21:00	15	6	1.3	3.0	10.1	3.4	8.5	21.3
22:00	10	8	.8	3.0	7.0	3.7	9.2	17.9
23:00	11	5	1.4	4.1	8.1	6.2	10.5	16.0
Avg	15	10	2.4	3.5	7.5	7.2	9.0	16.1
Max	28	25	7.7	9.3	13.1	19.5	21.1	26.1
Hr. of Max	12	11	15	15	16	15	15	15
Min	3	1	.3	.8	2.8	1.4	3.2	8.0
Count	24	24	24	24	24	24	24	24
Total								