Current Time: 6:57 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/3/2013

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	8.1	8.0	7.5	-.1	-.6	7.6	7.6	97.7	8.1
01:00	8.1	8.0	7.6	-.2	-.5	7.6	7.6	97.7	8.1
02:00	8.1	8.0	7.6	-.1	-.5	7.6	7.6	97.7	8.0
03:00	8.1	8.0	7.6	-.1	-.5	7.6	7.7	97.8	8.1
04:00	8.1	7.9	7.6	-.2	-.5	7.6	7.7	97.8	8.1
05:00	8.1	7.9	7.6	-.2	-.5	7.6	7.7	97.8	8.0
06:00	8.1	7.9	7.6	-.2	-.5	7.6	7.7	97.8	8.1
07:00	8.1	7.9	7.6	-.2	-.5	7.6	7.7	97.8	8.0
08:00	8.2	7.9	7.6	-.2	-.6	7.7	7.8	97.8	8.1
09:00	8.5	8.2	7.7	-.3	-.8	8.0	7.8	97.8	8.3
10:00	9.0	8.8	8.0	-.3	-1.0	8.5	7.9	97.9	8.5
11:00	9.7	9.4	8.7	-.3	-1.0	9.2	8.1	97.9	8.9
12:00	10.8	10.5	9.7	-.3	-1.1	10.2	8.4	97.4	9.5
13:00	11.6	11.3	10.3	-.3	-1.3	10.5	8.8	94.4	9.7
14:00	11.9	11.6	10.6	-.3	-1.3	10.2	9.2	90.2	9.5
15:00	11.9	11.7	10.5	-.2	-1.4	10.4	9.5	91.6	9.6
16:00	11.7	11.6	10.5	-.1	-1.2	10.3	9.6	92.1	9.5
17:00	11.5	11.4	10.5	.0	-1.0	10.6	9.6	95.6	9.7
18:00	11.1	11.2	10.4	.1	-.7	10.4	9.6	97.0	9.7
19:00	10.9	11.0	10.3	.2	-.6	10.3	9.5	97.3	9.5
20:00	10.7	10.9	10.3	.2	-.4	10.1	9.5	97.4	9.5
21:00	10.7	10.9	10.3	.2	-.4	10.1	9.4	97.4	9.4
22:00	10.6	10.7	10.3	.1	-.3	10.0	9.4	97.4	9.4
23:00	10.5	10.7	10.5	.2	.0	9.9	9.4	97.5	9.4
Avg	9.8	9.6	9.0	-.1	-.7	9.1	8.5	96.6	8.9
Max	11.9	11.7	10.6	.2	.0	10.6	9.6	97.9	9.7
Hr. of Max	15	15	14	23	23	17	18	11	18
Min	8.1	7.9	7.5	-.3	-1.4	7.6	7.6	90.2	8.0
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	0.006715	10.5	.00	28.90	-2.3	16	40	57	14
01:00	0.006718	10.5	.01	28.90	-2.0	22	47	74	11
02:00	0.006707	10.4	.00	28.91	-1.9	21	44	69	6
03:00	0.006726	10.5	.00	28.90	-2.2	46	64	75	17
04:00	0.006714	10.5	.00	28.91	-2.4	43	53	70	16
05:00	0.006698	10.4	.01	28.91	-2.3	66	73	77	14
06:00	0.006716	10.5	.00	28.90	-2.2	63	78	88	16
07:00	0.0067	10.4	.00	28.90	-1.2	42	50	71	18
08:00	0.00674	10.5	.00	28.92	12.0	35	44	54	19
09:00	0.006913	10.8	.00	28.93	54.3	55	58	51	21
10:00	0.007146	11.1	.00	28.94	87.3	72	70	56	16
11:00	0.007484	11.6	.00	28.93	166.8	74	58	43	21
12:00	0.008019	12.5	.00	28.91	197.1	71	59	36	22
13:00	0.008216	12.8	.00	28.90	178.1	90	85	64	20
14:00	0.008016	12.5	.00	28.90	109.7	76	73	62	16
15:00	0.008141	12.6	.00	28.90	56.8	66	68	60	18
16:00	0.008058	12.5	.00	28.90	33.0	40	49	57	23
17:00	0.008226	12.8	.00	28.91	2.3	34	35	37	11
18:00	0.008147	12.7	.00	28.91	-1.9	345	36	50	15
19:00	0.008046	12.5	.00	28.92	-2.2	254	234	83	5
20:00	0.007979	12.4	.00	28.92	-2.2	281	357	46	8
21:00	0.007947	12.4	.00	28.92	-1.7	286	15	29	4
22:00	0.007922	12.3	.00	28.93	-2.5	284	316	10	6
23:00	0.007869	12.2	.00	28.94	-2.4	258	242	329	6
Avg	0.00744	11.6	.00	28.91	36.2	35	49	55	14
Max	0.008226	12.8	.01	28.94	197.1	345	357	329	23
Hr. of Max	17	17	05	23	12	18	20	23	16
Min	0.006698	10.4	.00	28.90	-2.5	16	15	10	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	18	6	.9	1.9	3.0	4.1	5.3	10.8
01:00	9	5	.5	1.3	1.8	2.5	3.7	6.0
02:00	10	3	.7	1.2	1.4	1.8	3.0	4.1
03:00	12	7	1.2	2.3	2.9	3.2	5.5	6.9
04:00	11	6	.9	2.7	3.1	3.4	6.2	6.6
05:00	11	7	1.8	3.0	3.8	5.3	6.6	9.4
06:00	12	9	1.5	2.5	3.7	4.8	9.4	9.4
07:00	12	9	1.0	2.8	3.5	3.7	6.2	8.5
08:00	13	7	1.2	2.4	3.8	4.4	6.2	7.1
09:00	16	8	1.6	2.7	3.9	5.7	7.8	8.0
10:00	13	7	2.9	3.2	3.5	7.1	7.6	10.1
11:00	19	11	2.2	2.2	3.1	6.2	5.0	7.8
12:00	21	14	1.6	1.4	2.3	5.0	6.4	6.4
13:00	18	16	2.6	2.1	2.5	8.0	8.5	6.4
14:00	12	10	2.2	2.5	2.3	8.0	8.9	8.7
15:00	15	9	2.7	3.4	3.6	7.1	7.6	7.1
16:00	12	6	1.3	3.6	4.1	6.2	7.1	8.2
17:00	10	5	.7	2.3	3.7	3.2	5.0	13.1
18:00	10	14	1.0	1.1	2.3	3.4	5.3	6.0
19:00	7	5	1.1	1.3	1.8	2.5	3.2	2.5
20:00	15	6	.7	.9	1.4	2.7	4.8	3.4
21:00	8	7	.8	1.0	1.3	2.5	2.1	4.8
22:00	12	15	.3	.4	.5	2.1	1.2	3.2
23:00	14	7	.7	1.0	1.9	1.8	2.2	4.8
Avg	13	8	1.3	2.1	2.7	4.4	5.6	7.1
Max	21	16	2.9	3.6	4.1	8.0	9.4	13.1
Hr. of Max	12	13	10	16	16	14	06	17
Min	7	3	.3	.4	.5	1.8	1.2	2.5
Count	24	24	24	24	24	24	24	24
Total								