Current Time: 8:24 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/19/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHm gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	-1.5	-.8	1.5	.6	3.0	-1.9	4.7	97.1	4.2
01:00	-1.6	-1.2	1.3	.4	2.8	-2.0	4.5	97.1	4.2
02:00	-2.2	-1.8	1.0	.4	3.2	-2.7	4.4	97.1	4.0
03:00	-2.4	-2.2	.1	.2	2.5	-2.8	4.2	97.1	4.0
04:00	-2.4	-2.4	-.2	.0	2.2	-2.8	4.1	97.1	4.0
05:00	-2.2	-2.4	-.2	-.1	2.0	-2.7	4.0	97.1	4.0
06:00	-2.4	-2.6	-.5	-.1	1.5	-2.9	3.9	97.1	3.9
07:00	-3.4	-3.5	-1.7	-.1	1.7	-3.8	3.9	97.0	3.7
08:00	-3.6	-3.7	-1.6	-.1	2.0 +	-4.0	3.8	97.0	3.6
09:00	-2.2	-2.3	-1.5	-.1	<	-2.6	3.8	97.1	4.0
10:00	.3	.1	-.4	-.2	<	-.2	3.9	97.3	4.8
11:00	3.2	2.5	1.8	-.7	-1.4	.0	4.1	80.6	4.8
12:00	5.5	5.1	4.0	-.5	-1.5	-1.0	4.4	63.2	4.4
13:00	8.0	7.8	7.0 D	-.2	-1.1 D	-1.8	4.8	50.5	4.2
14:00	10.0	9.7	8.4	-.3	-1.6	-3.8	5.2	38.1	3.6
15:00	10.9	10.7	9.7	-.3	-1.2	-3.8	5.6	35.8	3.6
16:00	11.0	10.7	9.7	-.3	-1.3	-3.5	6.0	36.4	3.6
17:00	9.9	9.9	9.6	.0	-.3	-2.4	6.1	42.4	4.0
18:00	8.3	8.9	9.3	.6	1.0	-1.8	6.1	49.4	4.1
19:00	7.3	8.2	8.6	.8	1.3	-1.7	5.9	53.4	4.2
20:00	6.8	7.2	8.2	.4	1.4	-1.4	5.7	56.4	4.3
21:00	4.9	6.6	7.2	1.7	2.3	-1.1	5.5	66.0	4.4
22:00	3.1	5.2	6.1	2.1	3.0	-.4	5.3	77.9	4.6
23:00	2.5	4.5	5.6	2.0	3.1	-.4	5.1	81.8	4.7
Avg	2.8	3.1	3.9	.3	1.1	-2.1	4.8	75.0	4.1
Max	11.0	10.7	9.7	2.1	3.2	.0	6.1	97.3	4.8
Hr. of Max	16	16	16	22	02	11	18	10	11
Min	-3.6	-3.7	-1.7	-.7	-1.6	-4.0	3.8	35.8	3.6
Count	24	24	24	24	22	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	5.3	.00	29.41	-2.8	3	59	59	5
01:00	.0	5.3	.00	29.40	-3.2	18	71	50	9
02:00	.0	5.0	.00	29.41	-2.7	356	55	47	14
03:00	.0	5.0	.00	29.41	-2.9	21	63	39	10
04:00	.0	5.0	.00	29.40	-2.9	23	42	83	12
05:00	.0	5.0	.00	29.39	-2.8	348	15	81	13
06:00	.0	4.9	.00	29.40	-2.5	231	250	338	12
07:00	.0	4.6	.00	29.40	-1.1	247	241	239	12
08:00	.0	4.5	.00	29.41	36.3	250	234	232	8
09:00	.0	5.0	.00	29.41	239.9	212	218	231	13
10:00	.0	6.0	.00	29.41	450.9	192	216	261	14
11:00	.0	6.1	.00	29.39	546.9	246	253	255	21
12:00	.0	5.7	.00	29.35	605.6	242	247	243	21
13:00	.0	5.4	.00	29.30	601.5	234	234	222	18
14:00	.0	4.7	.00	29.26	519.9	225	226	219	18
15:00	.0	4.7	.00	29.24	335.6	229	231	223	17
16:00	.0	4.8	.00	29.23	209.8	199	204	198	17
17:00	.0	5.2	.00	29.23	36.3	210	210	202	16
18:00	.0	5.4	.00	29.23	-1.9	227	211	202	11
19:00	.0	5.4	.00	29.23	-2.2	229	208	200	14
20:00	.0	5.5	.00	29.22	-2.3	258	237	208	10
21:00	.0	5.7	.00	29.21	-2.4	258	240	217	10
22:00	.0	5.9	.00	29.21	-2.5	57	20	229	11
23:00	.0	6.0	.00	29.21	-2.7	279	222	231	9
Avg	.0	5.3	.00	29.32	147.8	254	230	221	13
Max	.0	6.1	.00	29.41	605.6	356	253	338	21
Hr. of Max	23	11	23	10	12	02	11	06	12
Min	.0	4.5	.00	29.21	-3.2	3	15	39	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	3	2	.6	.8	4.1	1.6	2.3	6.4
01:00	4	1	.8	1.2	4.4	2.7	3.2	11.4
02:00	6	2	.4	.5	3.6	3.0	2.1	5.5
03:00	6	7	1.1	.9	3.3	3.0	3.0	10.8
04:00	11	3	.9	1.3	4.4	2.5	3.0	6.9
05:00	23	9	.8	1.0	1.6	3.7	3.9	10.1
06:00	15	13	1.4	.4	.9	3.7	3.0	3.2
07:00	11	8	1.8	1.4	2.0	5.0	5.0	3.2
08:00	13	6	.8	1.0	2.4	4.4	3.2	6.4
09:00	19	2	1.0	1.1	4.0	3.7	2.5	6.4
10:00	21	7	2.7	2.7	7.0	8.5	9.2	11.9
11:00	17	12	6.2	7.2	8.9	15.1	14.9	15.8
12:00	16	13	5.8	7.1	8.5	14.7	15.3	16.9
13:00	14	11	6.0	7.1	9.2	14.4	17.6	22.0
14:00	14	9	7.7	9.7	12.3	16.7	18.5	24.0
15:00	15	10	7.0	8.6	10.9	16.3	18.1	19.9
16:00	15	10	6.0	7.6	10.6	14.9	20.8	23.6
17:00	12	7	4.4	6.9	11.5	14.9	24.0	36.2
18:00	6	4	3.4	7.2	12.5	7.8	12.4	20.8
19:00	8	5	3.2	7.0	13.6	7.8	16.5	27.0
20:00	8	7	2.1	4.1	10.0	7.8	11.7	24.7
21:00	7	6	.4	2.1	7.3	2.5	4.4	14.9
22:00	7	5	.3	.2	4.7	2.5	2.1	11.9
23:00	16	5	.6	.4	7.1	2.3	4.1	13.1
Avg	12	7	2.7	3.6	6.9	7.5	9.2	14.7
Max	23	13	7.7	9.7	13.6	16.7	24.0	36.2
Hr. of Max	05	12	14	14	19	14	17	17
Min	3	1	.3	.2	.9	1.6	2.1	3.2
Count	24	24	24	24	24	24	24	24
Total								