Current Time: 7:15 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/1/2013

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	-.7	.4	5.3	1.1	<	-1.2	4.4	96.8	4.4
01:00	-1.1	-.2	5.0	.8	<	-1.6	4.3	96.9	4.3
02:00	-1.3	-.1	4.7	1.2	<	-1.8	4.1	97.0	4.3
03:00	-1.6	-.3	4.8	1.3	<	-2.1	3.9	97.0	4.2
04:00	-2.0	-1.1	4.5	.9	<	-2.5	3.8	97.0	4.1
05:00	-2.2	-1.4	2.7	.9	<	-2.7	3.7	97.0	4.0
06:00	-2.3	-1.6	.8	.8	<	-2.8	3.5	97.0	4.0
07:00	-2.2	-1.5	.6 D	.7	2.8 D	-2.6	3.4	97.0	4.0
08:00	-1.7	-1.2	.6	.6	<	-2.2	3.4	97.1	4.2
09:00	1.7	1.8	1.8	.1	.1	-.7	3.3	85.5	4.6
10:00	5.2	5.1	3.9	-.1	-1.3	-2.1	3.5	59.8	4.1
11:00	7.8	7.6	6.2	-.3	-1.5	-2.2	4.0	49.9	4.1
12:00	9.6	9.4	8.2	-.2	-1.4	-1.5	4.4	46.2	4.2
13:00	11.1	10.9	9.8	-.2	-1.3	-1.6	4.8	41.7	4.2
14:00	12.2	12.0	11.0	-.2	-1.2	-1.9	5.4	38.0	4.1
15:00	12.5	12.3	11.3	-.2	-1.2	-.9	6.1	40.2	4.4
16:00	12.1	12.1	11.7	.0	-.4	.3	6.4	45.0	4.8
17:00	10.9	11.3	11.1	.4	.2	1.1	6.6	51.2	5.1
18:00	10.2	10.8	10.7	.6	.5	1.1	6.6	53.7	5.1
19:00	9.9	10.4	10.5	.5	.6	1.1	6.5	54.9	5.1
20:00	9.6	10.2	10.2	.5	.6	1.3	6.5	56.6	5.2
21:00	9.2	9.8	9.8	.7	.6	1.4	6.5	58.9	5.2
22:00	8.7	9.5	9.3	.8	.5	1.7	6.5	61.7	5.3
23:00	8.5	9.3	9.4	.8	1.0	1.7	6.5	62.8	5.3
Avg	5.2	5.6	6.8	.5	-.1	-.9	4.9	70.0	4.5
Max	12.5	12.3	11.7	1.3	2.8	1.7	6.6	97.1	5.3
Hr. of Max	15	15	16	03	07	23	18	08	23
Min	-2.3	-1.6	.6	-.3	-1.5	-2.8	3.3	38.0	4.0
Count	24	24	24	24	16	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	0.003515	5.6	.00	29.31	-3.0	270	237	250	6
01:00	0.003435	5.4	.00	29.29	-3.1	302	232	249	7
02:00	0.003379	5.4	.00	29.29	-3.3	303	248	256	6
03:00	0.003298	5.2	.00	29.29	-3.0	313	266	268	12
04:00	0.003206	5.1	.00	29.28	-3.2	345	4	250	9
05:00	0.003156	5.0	.00	29.28	-3.3	26	61	193	6
06:00	0.003132	5.0	.00	29.28	-3.5	34	62	137	6
07:00	0.003172	5.0	.00	29.27	3.9	43	61	121	4
08:00	0.003279	5.2	.00	29.28	90.7	231	58	157	7
09:00	0.00368	5.8	.00	29.27	311.8	141	41	163	21
10:00	0.003318	5.3	.00	29.27	430.9	226	226	217	22
11:00	0.003318	5.3	.00	29.24	522.6	221	223	221	16
12:00	0.003482	5.5	.00	29.21	558.6	222	227	219	22
13:00	0.003467	5.5	.00	29.17	521.0	227	228	221	23
14:00	0.003401	5.4	.00	29.14	410.7	249	245	232	21
15:00	0.003676	5.8	.00	29.12	120.3	249	248	234	14
16:00	0.004003	6.3	.00	29.11	21.4	246	237	233	8
17:00	0.004229	6.7	.00	29.10	-.7	248	267	271	8
18:00	0.004222	6.6	.00	29.09	-1.9	266	247	242	5
19:00	0.004232	6.7	.00	29.09	-2.0	243	244	219	3
20:00	0.004283	6.7	.00	29.08	-2.2	252	256	230	7
21:00	0.004327	6.8	.00	29.07	-1.9	242	228	247	7
22:00	0.004404	6.9	.00	29.06	-2.2	285	222	233	6
23:00	0.004402	6.9	.00	29.05	-2.5	281	262	223	5
Avg	0.003667	5.8	.00	29.19	123.2	264	247	224	10
Max	0.004404	6.9	.00	29.31	558.6	345	267	271	23
Hr. of Max	22	23	23	00	12	04	17	17	13
Min	0.003132	5.0	.00	29.05	-3.5	26	4	121	3
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	.7	3.0	10.1	2.3	6.2	21.5
01:00	4	3	.3	3.0	11.2	2.3	7.1	20.8
02:00	9	3	.2	.6	10.8	1.4	3.9	24.0
03:00	9	4	.2	.2	8.6	1.4	1.6	24.5
04:00	3	2	.2	.2	5.2	.9	1.5	15.1
05:00	2	2	.2	.2	3.4	1.1	1.5	9.2
06:00	3	7	.5	.7	2.6	1.6	3.0	4.6
07:00	3	6	.3	1.2	2.5	1.6	2.5	4.4
08:00	4	2	.2	.6	4.2	1.6	1.5	6.9
09:00	23	6	.7	1.1	3.2	2.1	2.1	6.6
10:00	24	13	2.4	2.5	4.1	7.3	7.3	9.4
11:00	15	10	5.2	6.2	7.7	12.4	13.1	14.2
12:00	17	12	5.3	6.3	7.4	11.7	12.6	14.4
13:00	23	12	4.0	4.4	5.8	9.8	10.8	11.7
14:00	17	12	4.4	5.1	6.1	11.7	11.9	11.4
15:00	12	7	3.1	3.8	5.0	9.6	10.8	13.3
16:00	5	5	1.3	2.3	3.2	4.1	6.4	10.5
17:00	11	7	1.6	2.0	3.3	4.6	7.3	8.2
18:00	4	3	1.4	2.2	4.7	3.7	4.1	9.6
19:00	3	2	1.5	2.5	5.0	3.4	5.0	11.4
20:00	7	4	1.3	2.8	6.8	4.4	6.0	11.2
21:00	6	5	.8	2.3	6.5	2.1	4.8	13.1
22:00	2	3	.4	1.6	5.5	1.6	4.8	11.4
23:00	3	2	.2	.6	5.0	1.1	3.4	10.5
Avg	9	6	1.5	2.3	5.7	4.3	5.8	12.4
Max	24	13	5.3	6.3	11.2	12.4	13.1	24.5
Hr. of Max	10	10	12	12	01	11	11	03
Min	2	2	.2	.2	2.5	.9	1.5	4.4
Count	24	24	24	24	24	24	24	24
Total								