Current Time: 7:56 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/24/2013

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	1.1	1.8	2.8	.7	1.7	.6	11.6	97.2	5.0
01:00	1.3	1.8	2.5	.5	1.2	.9	11.3	97.2	5.1
02:00	1.9	2.1	2.5	.1	.6	1.5	11.1	97.3	5.4
03:00	2.2	2.2	2.5	.0	.3	1.7	11.1	97.3	5.4
04:00	1.8	2.1	2.6	.3	.8	1.3	11.0	97.3	5.3
05:00	2.4	2.6	2.6	.2	.2	1.9	10.8	97.3	5.5
06:00	3.2	3.1	3.2	-.1	.0	2.7	10.8	97.4	5.8
07:00	3.5	3.4	3.5	-.1	.0	3.0	10.8	97.4	5.9
08:00	3.9	3.6	3.6	-.2	-.3	3.4	10.8	97.3	6.1
09:00	5.0	4.7	4.1	-.3	-.9	4.1	10.8	95.1	6.4
10:00	7.3	7.0	6.3	-.3	-1.0	3.3	11.0	76.8	6.0
11:00	9.2	8.9	8.0	-.3	-1.2	1.8	11.4	60.2	5.4
12:00	10.2	9.8	9.1	-.3	-1.1	2.1	11.9	57.8	5.5
13:00	10.5	10.1	9.5	-.4	-1.0	2.6	12.3	59.1	5.7
14:00	10.3	10.0	9.5	-.3	-.8	3.6	12.7	63.9	6.1
15:00	10.7	10.4	9.8	-.3	-.9	3.6	12.8	61.9	6.0
16:00	10.9	10.5	10.2	-.4	-.7	3.3	13.0	60.1	5.9
17:00	10.3	10.0	9.6	-.3	-.7	3.5	13.1	63.2	6.0
18:00	9.7	9.6	9.3	-.1	-.4	4.2	13.1	69.3	6.3
19:00	8.7	9.0	8.9	.3	.2	4.4	13.0	75.2	6.5
20:00	8.1	8.2	8.1	.1	-.1	3.9	12.8	75.2	6.2
21:00	7.0	7.3	7.2	.3	.2	3.0	12.5	76.8	5.9
22:00	5.9	6.4	6.4	.5	.5	2.8	12.1	81.3	5.8
23:00	5.6	5.4	5.3	-.2	-.3	1.1	11.8	73.6	5.2
Avg	6.3	6.3	6.1	.0	-.2	2.7	11.8	80.2	5.8
Max	10.9	10.5	10.2	.7	1.7	4.4	13.1	97.4	6.5
Hr. of Max	16	16	16	00	00	19	18	07	19
Min	1.1	1.8	2.5	-.4	-1.2	.6	10.8	57.8	5.0
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	0.004046	6.4	.00	29.14	-3.4	282	8	46	6
01:00	0.004126	6.5	.00	29.14	-3.3	252	253	2	7
02:00	0.004309	6.8	.00	29.16	-3.1	240	235	259	8
03:00	0.004378	6.9	.00	29.16	-3.0	249	246	306	7
04:00	0.004268	6.7	.00	29.16	-2.9	256	250	258	6
05:00	0.004444	7.0	.00	29.17	-3.1	281	251	252	7
06:00	0.004705	7.4	.00	29.17	-3.1	285	255	261	10
07:00	0.004812	7.6	.00	29.17	-2.4	243	250	258	7
08:00	0.004948	7.8	.00	29.18	21.4	231	239	249	11
09:00	0.005215	8.2	.00	29.20	139.4	199	224	266	14
10:00	0.004914	7.8	.00	29.21	354.9	209	220	228	21
11:00	0.004428	7.0	.00	29.20	461.5	215	222	222	21
12:00	0.004515	7.1	.00	29.20	331.6	246	251	245	25
13:00	0.004712	7.4	.00	29.19	202.1	286	284	282	20
14:00	0.005042	7.9	.00	29.18	88.1	276	273	263	17
15:00	0.00503	7.9	.00	29.17	151.0	247	254	249	21
16:00	0.004937	7.8	.00	29.17	145.8	299	310	304	20
17:00	0.004998	7.9	.00	29.18	55.3	314	312	308	17
18:00	0.005248	8.3	.00	29.19	10.7	288	292	298	10
19:00	0.00533	8.4	.00	29.21	-2.2	268	284	302	16
20:00	0.005117	8.1	.00	29.23	-2.4	267	278	295	25
21:00	0.00482	7.6	.00	29.24	-2.7	251	257	286	17
22:00	0.004751	7.5	.00	29.26	-3.1	277	273	292	11
23:00	0.004203	6.7	.00	29.28	-3.1	287	300	309	20
Avg	0.004721	7.4	.00	29.19	80.2	261	264	278	14
Max	0.00533	8.4	.00	29.28	461.5	314	312	309	25
Hr. of Max	19	19	23	23	11	17	17	23	20
Min	0.004046	6.4	.00	29.14	-3.4	199	8	2	6
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	13	7	1.2	1.3	1.4	3.0	3.2	3.4
01:00	7	9	1.3	1.5	2.5	2.7	4.6	5.3
02:00	2	6	1.6	2.3	1.8	4.4	4.1	8.0
03:00	3	9	1.2	1.4	1.4	2.5	3.7	4.1
04:00	5	1	1.2	1.8	4.0	4.6	6.9	6.4
05:00	2	2	.8	1.5	4.3	3.0	6.0	7.6
06:00	3	2	.5	.9	2.2	2.1	2.3	5.3
07:00	4	2	1.3	1.5	1.8	3.0	2.5	3.7
08:00	8	3	1.1	1.4	2.7	3.7	3.0	5.3
09:00	22	10	1.0	1.3	3.0	3.9	4.6	6.6
10:00	21	14	3.8	4.3	6.1	11.7	13.1	14.7
11:00	16	10	5.3	6.5	8.6	11.9	13.1	20.6
12:00	22	15	4.3	5.1	6.7	11.7	12.8	13.7
13:00	16	13	3.7	4.6	6.1	10.8	9.8	17.9
14:00	14	8	2.4	3.0	5.3	6.4	12.6	10.1
15:00	19	11	2.7	3.1	5.0	8.2	7.6	13.1
16:00	17	14	3.6	4.6	6.2	8.5	10.1	11.2
17:00	20	12	1.8	2.3	4.7	8.5	8.2	11.7
18:00	10	7	1.4	2.1	6.2	4.4	4.8	10.8
19:00	17	11	1.5	2.2	6.8	4.8	7.8	16.3
20:00	20	13	1.9	3.1	7.7	8.0	11.9	16.7
21:00	15	12	2.3	3.7	6.9	7.6	9.6	20.6
22:00	10	10	3.4	5.0	8.7	9.4	12.1	17.6
23:00	20	11	3.9	5.1	10.8	11.7	22.0	23.6
Avg	13	9	2.2	2.9	5.0	6.5	8.2	11.4
Max	22	15	5.3	6.5	10.8	11.9	22.0	23.6
Hr. of Max	12	12	11	11	23	11	23	23
Min	2	1	.5	.9	1.4	2.1	2.3	3.4
Count	24	24	24	24	24	24	24	24
Total								