Current Time: 6:59 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/16/2013

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	.3	.1	-.2	-.2	-.5	-2.2	4.4	83.7	4.1
01:00	.2	.0	-.2	-.2	-.4	-2.2	4.3	84.4	4.1
02:00	.0	-.2	-.4	-.2	-.4	-2.2	4.3	85.5	4.1
03:00	.1	-.1	-.4	-.2	-.5	-2.0	4.2	86.4	4.2
04:00	.1	-.1	-.4	-.2	-.5	-1.9	4.2	87.1	4.2
05:00	.0	-.2	-.4	-.2	-.4	-1.9	4.1	87.8	4.2
06:00	.0	-.1	-.4	-.2	-.4	-1.7	4.1	88.3	4.3
07:00	.0	-.2	-.5	-.2	-.5	-1.9	4.0	87.9	4.2
08:00	.2	.0	-.4	-.2	-.6	-1.8	4.0	86.9	4.2
09:00	.9	.7	.2	-.2	-.7	-1.9	4.0	81.9	4.2
10:00	2.3	2.2	1.5	-.2	-.8	-2.2	4.2	72.5	4.1
11:00	4.3	4.1	3.1	-.2	-1.2	-1.4	4.6	66.8	4.3
12:00	6.0	5.7	4.7	-.2	-1.3	-1.3	4.8	60.3	4.3
13:00	7.3	7.1	6.0	-.3	-1.3	-1.4	4.9	54.4	4.3
14:00	8.3	8.1	7.2	-.2	-1.1	-1.0	5.4	52.2	4.4
15:00	8.8	8.5	7.6	-.3	-1.2	-.6	5.8	52.3	4.5
16:00	9.0	8.8	7.9	-.2	-1.1	.0	6.1	53.9	4.7
17:00	7.9	8.2	7.9	.3	.0	1.0	6.1	62.5	5.1
18:00	6.0	7.7	7.8	1.7	1.8	1.8	6.0	75.2	5.4
19:00	4.8	7.0	7.2	2.3	2.4	2.0	5.7	83.2	5.5
20:00	4.1	6.4	6.8	2.3	2.7	2.2	5.4	88.2	5.6
21:00	3.7	5.8	6.1	2.2	2.4	2.1	5.1	90.3	5.6
22:00	2.9	5.2	5.5	2.3	2.6	1.9	4.8	93.5	5.5
23:00	1.9	3.9	5.0	2.0	3.9	1.3	4.6	96.5	5.3
Avg	3.3	3.7	3.4	.4	.1	-.6	4.8	77.6	4.6
Max	9.0	8.8	7.9	2.3	3.9	2.2	6.1	96.5	5.6
Hr. of Max	16	16	17	22	23	20	17	23	21
Min	.0	-.2	-.5	-.3	-1.3	-2.2	4.0	52.2	4.1
Count	24	24	24	24	24	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	0.003294	5.2	.00	29.20	-2.5	228	233	228	17
01:00	0.003294	5.2	.00	29.20	-2.9	223	227	220	15
02:00	0.003295	5.2	.00	29.21	-.1	223	227	223	18
03:00	0.003337	5.3	.00	29.22	.0	227	229	225	16
04:00	0.003368	5.3	.00	29.23	-2.9	236	242	239	15
05:00	0.003369	5.3	.00	29.23	-3.3	219	224	223	13
06:00	0.003399	5.4	.00	29.23	-3.3	194	200	192	14
07:00	0.003371	5.3	.00	29.24	1.6	221	221	210	17
08:00	0.003374	5.3	.00	29.24	48.3	216	221	220	14
09:00	0.003357	5.3	.00	29.25	171.7	226	228	228	20
10:00	0.003291	5.2	.00	29.24	370.9	223	224	225	17
11:00	0.003489	5.5	.00	29.22	495.3	225	229	225	17
12:00	0.003537	5.6	.00	29.18	519.0	234	236	224	20
13:00	0.003521	5.6	.00	29.16	478.2	235	236	228	17
14:00	0.003613	5.7	.00	29.14	342.1	231	234	226	18
15:00	0.003743	5.9	.00	29.14	213.5	208	211	203	18
16:00	0.003895	6.1	.00	29.14	114.4	212	213	204	18
17:00	0.004199	6.6	.00	29.14	4.8	226	204	200	17
18:00	0.004441	7.0	.00	29.15	-2.2	282	238	213	14
19:00	0.004495	7.1	.00	29.18	-2.5	286	227	215	5
20:00	0.004538	7.2	.00	29.19	-2.6	278	224	209	6
21:00	0.004514	7.1	.00	29.19	-2.8	300	236	205	5
22:00	0.004431	7.0	.00	29.19	-2.1	296	273	221	4
23:00	0.004252	6.7	.00	29.19	-1.4	5	287	228	8
Avg	0.003726	5.9	.00	29.20	113.8	238	230	218	14
Max	0.004538	7.2	.00	29.25	519.0	300	287	239	20
Hr. of Max	20	20	23	09	12	21	23	04	12
Min	0.003291	5.2	.00	29.14	-3.3	5	200	192	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	14	6	3.8	5.6	9.6	15.3	18.1	24.0
01:00	14	7	4.4	5.9	9.7	11.2	17.6	21.3
02:00	13	7	4.4	6.2	10.0	13.3	12.6	22.7
03:00	13	6	4.1	5.6	9.5	10.1	17.4	20.2
04:00	12	6	3.0	4.3	7.0	7.8	10.3	14.9
05:00	11	4	2.3	3.6	6.7	6.2	10.1	15.6
06:00	11	7	2.4	3.4	6.0	5.0	7.1	12.1
07:00	14	7	2.6	2.6	6.3	6.9	7.6	15.6
08:00	12	6	2.5	3.2	5.9	6.4	7.1	12.6
09:00	18	11	3.3	4.0	5.5	8.9	13.1	14.0
10:00	15	13	5.0	5.6	6.9	11.4	11.9	16.3
11:00	16	12	5.9	7.0	8.2	13.3	15.3	14.0
12:00	17	10	6.0	7.4	9.5	13.7	15.1	17.4
13:00	15	10	7.0	9.0	11.4	16.0	20.2	24.3
14:00	16	10	6.0	7.5	10.1	17.9	22.0	22.4
15:00	17	11	5.2	6.6	8.3	15.8	21.1	21.3
16:00	14	9	4.3	6.0	9.1	13.1	15.3	17.2
17:00	11	5	2.0	3.8	8.7	9.6	12.8	22.4
18:00	12	6	1.6	2.5	7.3	3.2	4.8	12.8
19:00	6	4	.9	3.0	8.8	3.7	6.0	18.3
20:00	8	4	1.1	3.2	9.2	2.7	5.7	20.6
21:00	9	4	.5	2.2	8.6	3.0	5.7	18.3
22:00	4	3	.4	.8	7.2	1.6	5.5	16.7
23:00	5	3	.2	.5	7.0	1.1	3.4	11.4
Avg	12	7	3.3	4.6	8.2	9.1	11.9	17.8
Max	18	13	7.0	9.0	11.4	17.9	22.0	24.3
Hr. of Max	09	10	13	13	13	14	14	13
Min	4	3	.2	.5	5.5	1.1	3.4	11.4
Count	24	24	24	24	24	24	24	24
Total								