Current Time: 5:56 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/30/2013

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	4.5	5.1	5.0	.6	.5	4.0	5.3	97.3	6.4
01:00	4.6	5.1	5.0	.5	.4	4.1	5.3	97.3	6.4
02:00	4.8	4.9	4.8	.1	.0	4.3	5.3	97.2	6.5
03:00	4.9	4.8	4.8	-.2	-.1	4.4	5.3	97.1	6.5
04:00	4.5	4.4	4.2	-.2	-.3	3.8	5.3	95.7	6.3
05:00	3.8	3.6	3.3	-.2	-.5	2.4	5.3	90.9	5.7
06:00	2.8	2.6	2.4	-.2	-.4	.9	5.3	87.9	5.1
07:00	2.2	2.0	1.7	-.2	-.5	.3	5.2	87.9	4.9
08:00	1.8	1.6	1.3	-.2	-.5	-.4	5.0	85.8	4.7
09:00	1.8	1.6	1.2	-.2	-.6	-.5	4.9	84.8	4.6
10:00	2.4	2.1	1.6	-.2	-.8	-.6	4.9	81.5	4.6
11:00	2.9	2.6	2.1	-.3	-.8	-1.5	5.0	73.3	4.3
12:00	3.1	2.8	2.4	-.3	-.7	-1.7	5.2	71.3	4.2
13:00	3.3	3.1	2.7	-.3	-.6	-1.4	5.4	71.4	4.3
14:00	3.4	3.1	2.8	-.3	-.6	-1.2	5.5	72.5	4.4
15:00	3.6	3.4	2.9	-.3	-.7	-1.1	5.7	71.6	4.4
16:00	3.7	3.5	3.0	-.2	-.7	-.8	5.8	73.3	4.5
17:00	3.4	3.3	2.8	-.1	-.6	-.6	5.8	75.6	4.6
18:00	3.0	3.0	2.3	.0	-.7	-.3	5.7	79.6	4.7
19:00	2.6	2.4	1.9	-.2	-.7	-1.1	5.6	77.1	4.4
20:00	2.2	2.0	1.6	-.2	-.6	-1.2	5.5	78.5	4.4
21:00	1.8	1.9	1.4	.1	-.4	-.8	5.3	83.4	4.6
22:00	1.6	1.7	1.3	.1	-.3	-.7	5.2	85.4	4.6
23:00	1.3	1.5	1.1	.2	-.2	-.2	5.1	90.6	4.8
Avg	3.1	3.0	2.7	-.1	-.4	.4	5.3	83.6	5.0
Max	4.9	5.1	5.0	.6	.5	4.4	5.8	97.3	6.5
Hr. of Max	03	01	01	00	00	03	17	01	03
Min	1.3	1.5	1.1	-.3	-.8	-1.7	4.9	71.3	4.2
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	0.005199	8.2	.00	29.08	-2.1	254	261	227	6
01:00	0.00522	8.2	.00	29.08	-2.7	230	245	271	10
02:00	0.005277	8.3	.00	29.09	-2.9	244	235	271	14
03:00	0.005326	8.4	.00	29.11	-2.2	269	285	291	21
04:00	0.0051	8.0	.00	29.11	-2.0	249	265	284	16
05:00	0.00461	7.3	.00	29.12	-2.2	274	284	286	18
06:00	0.004148	6.5	.00	29.14	-2.5	273	277	277	18
07:00	0.003959	6.2	.00	29.17	-1.4	243	253	269	19
08:00	0.003747	5.9	.00	29.18	27.2	265	275	282	17
09:00	0.003719	5.9	.00	29.20	33.6	270	285	296	17
10:00	0.003709	5.9	.00	29.21	109.3	271	304	338	19
11:00	0.003468	5.5	.00	29.22	123.0	53	49	29	29
12:00	0.003421	5.4	.00	29.21	123.1	219	329	6	24
13:00	0.00349	5.5	.00	29.18	135.2	55	39	36	29
14:00	0.003555	5.6	.00	29.18	119.1	86	83	85	20
15:00	0.003572	5.6	.00	29.18	95.5	144	147	159	20
16:00	0.003668	5.8	.00	29.19	48.7	228	234	238	14
17:00	0.003717	5.9	.00	29.19	.2	319	329	325	9
18:00	0.003797	6.0	.00	29.20	-2.6	252	261	272	10
19:00	0.003563	5.6	.00	29.22	-2.4	288	298	298	21
20:00	0.003537	5.6	.00	29.22	-2.1	254	286	311	20
21:00	0.003653	5.8	.00	29.23	-2.5	233	211	295	7
22:00	0.003682	5.8	.00	29.23	-2.5	271	251	248	6
23:00	0.003817	6.0	.00	29.24	-2.8	242	253	259	6
Avg	0.00404	6.4	.00	29.17	32.6	256	274	290	16
Max	0.005326	8.4	.00	29.24	135.2	319	329	338	29
Hr. of Max	03	03	23	23	13	17	17	10	13
Min	0.003421	5.4	.00	29.08	-2.9	53	39	6	6
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	6	4	1.3	1.9	5.0	2.5	6.9	8.5
01:00	7	5	1.4	2.2	6.3	3.9	4.4	14.2
02:00	11	8	2.1	3.7	7.0	7.8	9.4	15.8
03:00	16	9	3.5	5.0	9.5	9.8	13.5	20.8
04:00	17	9	3.0	4.0	7.3	8.2	10.3	16.3
05:00	17	10	5.4	7.0	10.5	14.2	14.9	16.3
06:00	15	8	6.3	8.2	13.8	17.2	17.6	25.4
07:00	16	11	4.1	5.3	9.4	9.8	12.1	17.9
08:00	17	8	4.1	5.3	9.1	14.0	20.8	29.3
09:00	17	12	2.0	2.2	4.2	6.4	8.0	15.8
10:00	22	14	2.0	2.3	3.7	5.7	8.7	8.7
11:00	23	13	2.0	2.9	4.4	5.3	11.2	8.9
12:00	29	17	1.3	1.5	1.8	7.1	8.2	6.6
13:00	22	16	2.2	2.5	3.1	11.4	9.4	10.3
14:00	14	15	2.6	2.4	2.7	8.2	7.6	8.0
15:00	21	26	1.5	1.7	2.3	5.5	5.5	4.6
16:00	15	10	1.6	1.6	2.0	6.0	5.7	4.8
17:00	13	9	1.2	1.3	2.5	3.7	4.6	4.1
18:00	8	5	1.9	2.5	4.0	5.3	6.4	7.6
19:00	18	6	2.5	3.5	7.5	6.9	8.5	10.3
20:00	20	12	.9	1.2	3.6	4.1	5.3	12.8
21:00	13	15	1.1	1.2	1.3	2.5	3.2	14.9
22:00	4	3	1.3	2.1	2.8	3.0	5.7	4.8
23:00	4	2	1.2	2.3	4.5	2.7	3.7	7.1
Avg	15	10	2.4	3.1	5.3	7.1	8.8	12.2
Max	29	26	6.3	8.2	13.8	17.2	20.8	29.3
Hr. of Max	12	15	06	06	06	06	08	08
Min	4	2	.9	1.2	1.3	2.5	3.2	4.1
Count	24	24	24	24	24	24	24	24
Total								