Current Time: 7:19 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/30/2013

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	-1.2	-.6	1.1	.6	2.3	-2.5	4.0	91.4	4.1
01:00	-1.7	-.9	.2	.8	1.9	-2.7	3.8	93.6	4.0
02:00	-2.0	-1.1	.0	.9	2.0	-2.6	3.7	95.8	4.0
03:00	-1.7	-1.0	-.1	.7	1.6	-2.3	3.6	96.2	4.1
04:00	-1.6	-1.1	-.4	.5	1.2	-2.3	3.5	95.8	4.1
05:00	-2.4	-1.5	-1.3	.9	1.1	-2.9	3.4	96.7	3.9
06:00	-2.9	-2.1	-1.5	.8	1.4	-3.4	3.3	96.9	3.8
07:00	-2.8	-2.0	-1.2	.9	1.6	-3.3	3.2	97.0	3.8
08:00	-2.3	-1.7	-.7	.7	1.6	-2.8	3.2	96.9	4.0 -
09:00	.0	.0	.0	.0	.0	-1.9	3.2	87.5	4.2
10:00	3.9	3.5	2.5	-.3	-1.4	-1.2	3.3	70.3	4.4
11:00	6.7	6.4	5.0	-.3	-1.7	-2.2	3.7	53.6	4.0
12:00	7.8	7.7	6.3	-.2	-1.5	-3.0	4.1	46.9	3.8
13:00	9.3	9.1	7.9	-.2	-1.4	-3.5	4.5	40.9	3.7
14:00	10.7	10.3	9.4	-.4	-1.3	-3.6	5.2	37.1	3.6
15:00	11.3	11.0	10.0	-.2	-1.3	-3.7	5.8	35.3	3.6
16:00	10.8	10.7	9.8	-.1	-1.0	-2.8	6.1	39.3	3.9
17:00	8.6	9.2	9.0	.6	.4	-.9	6.1	52.0	4.4
18:00	6.0	7.5	8.2	1.5	2.2	-.4	5.9	64.2	4.6
19:00	4.1	5.5	7.8	1.4	3.7	.0	5.7	75.1	4.8
20:00	2.5	3.8	6.3	1.3	<	.3	5.4	85.6	4.9
21:00	1.5	2.7	5.1	1.2	3.6 +	-.2	5.1	88.8	4.7
22:00	.7	2.0	5.1	1.3	4.4	-.4	4.9	93.3	4.7
23:00	.0	1.4	5.2	1.3	5.2 +	-.7	4.6	95.5	4.6
Avg	2.7	3.3	3.9	.6	1.1	-2.0	4.4	76.1	4.2
Max	11.3	11.0	10.0	1.5	5.2	.3	6.1	97.0	4.9
Hr. of Max	15	15	15	18	23	20	17	07	20
Min	-2.9	-2.1	-1.5	-.4	-1.7	-3.7	3.2	35.3	3.6
Count	24	24	24	24	23	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	0.003189	5.1	.00	29.47	-2.7	336	90	57	10
01:00	0.003146	5.0	.00	29.47	-3.0	6	62	70	10
02:00	0.003149	5.0	.00	29.47	-2.8	16	58	73	6
03:00	0.003241	5.2	.00	29.46	-3.1	49	65	65	6
04:00	0.003236	5.2	.00	29.46	-3.8	58	56	64	8
05:00	0.003082	4.9	.00	29.47	-3.2	15	62	64	21
06:00	0.002981	4.8	.00	29.48	-3.4	344	49	56	5
07:00	0.002993	4.8	.00	29.48	6.3	32	57	57	3
08:00	0.003105	5.0	.00	29.49	64.4	55	53	66	5
09:00	0.003325	5.3	.00	29.50	273.0	115	41	86	13
10:00	0.003519	5.6	.00	29.50	434.5	149	154	356	24
11:00	0.003269	5.2	.00	29.49	524.8	199	199	209	21
12:00	0.003103	5.0	.00	29.45	534.0	215	223	219	24
13:00	0.002995	4.8	.00	29.42	537.6	227	227	214	27
14:00	0.002988	4.8	.00	29.38	438.8	164	178	181	25
15:00	0.002956	4.7	.00	29.36	213.9	214	218	214	18
16:00	0.003176	5.0	.00	29.34	107.5	254	258	257	13
17:00	0.003624	5.8	.00	29.33	5.3	275	269	272	9
18:00	0.003759	6.0	.00	29.33	-1.7	310	224	262	9
19:00	0.003848	6.1	.00	29.33	-2.3	24	196	218	5
20:00	0.003935	6.2	.00	29.32	-2.5	81	45	193	3
21:00	0.003791	6.0	.00	29.32	-2.5	25	68	226	9
22:00	0.003755	6.0	.00	29.31	-2.0	333	53	244	9
23:00	0.003664	5.8	.00	29.31	-2.7	252	241	244	4
Avg	0.003326	5.3	.00	29.41	129.4	1	98	173	12
Max	0.003935	6.2	.00	29.50	537.6	344	269	356	27
Hr. of Max	20	20	23	10	13	06	17	10	13
Min	0.002956	4.7	.00	29.31	-3.8	6	41	56	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	.6	1.0	3.9	2.1	2.1	8.0
01:00	3	2	.2	.6	3.5	1.4	1.8	6.2
02:00	3	2	.6	.8	4.7	1.6	2.7	6.9
03:00	3	2	.9	2.3	3.8	2.5	4.1	8.9
04:00	3	2	.8	2.5	3.8	3.2	4.6	7.3
05:00	4	2	.6	1.5	3.5	3.4	6.2	7.1
06:00	3	2	.7	1.0	4.3	2.1	3.4	7.8
07:00	3	2	.6	2.1	3.8	2.1	5.5	6.4
08:00	4	2	.3	1.9	4.0	1.6	3.2	7.8
09:00	19	5	1.0	1.3	4.9	2.3	5.0	13.7
10:00	34	15	1.2	1.5	5.0	4.4	3.4	3.9
11:00	18	14	3.8	4.1	5.0	10.3	10.3	10.5
12:00	24	17	3.7	3.9	4.7	10.1	10.5	12.4
13:00	24	20	2.9	2.9	3.3	9.6	9.8	15.8
14:00	27	22	3.2	3.5	3.6	10.5	10.8	11.0
15:00	15	11	3.9	4.5	6.0	13.3	15.1	18.1
16:00	11	7	3.7	4.9	6.2	7.3	10.1	9.2
17:00	6	4	1.8	3.4	6.8	5.7	7.1	14.9
18:00	7	2	.3	.7	4.7	1.8	6.0	11.0
19:00	6	2	.2	.5	4.6	1.4	1.4	6.2
20:00	1	2	.2	.2	6.4	.9	1.5	9.6
21:00	6	3	.2	.2	7.0	1.1	1.5	14.2
22:00	2	3	.2	.2	8.2	.9	1.5	12.4
23:00	8	2	1.0	1.4	9.8	2.3	4.4	16.0
Avg	10	6	1.4	2.0	5.1	4.2	5.5	10.2
Max	34	22	3.9	4.9	9.8	13.3	15.1	18.1
Hr. of Max	10	14	15	16	23	15	15	15
Min	1	2	.2	.2	3.3	.9	1.4	3.9
Count	24	24	24	24	24	24	24	24
Total								