Current Time: 6:13 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/18/2013

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	16.2	16.1	16.1	-.1	-.1	15.6	13.7	98.1	13.3
01:00	15.9	16.1	16.1	.2	.2	15.3	13.7	98.1	13.1
02:00	16.3	16.9	16.9	.7	.6	15.7	13.6	98.1	13.4
03:00	16.4	17.3	17.3	.8	.9	14.9	13.6	92.7	12.8
04:00	16.4	16.8	16.6	.4	.2	10.4	13.5	69.1	9.5
05:00	15.2	15.5	15.5	.3	.3	6.9	13.3	58.8	7.6
06:00	14.4	14.7	14.7	.3	.3	5.0	13.1	53.8	6.6
07:00	12.8	13.5	13.6	.7	.8	5.6	12.8	62.4	6.9
08:00	12.1	13.0	13.0	.9	.9	5.3	12.4	63.9	6.8
09:00	14.3	14.1	13.6	-.2	-.7	2.9	12.2	47.2	5.7
10:00	15.1	14.9	14.4	-.2	-.7	2.4	12.5	42.9	5.5
11:00	15.9	15.7	15.0	-.2	-.9	1.1	12.8	37.5	5.1
12:00	16.3	16.1	15.2	-.2	-1.1	-.3	13.1	32.9	4.5
13:00	16.6	16.4	15.6	-.2	-1.0	-1.2	13.5	30.3	4.3
14:00	16.8	16.5	15.8	-.2	-1.0	-2.7	13.9	26.8	3.8
15:00	16.3	16.1	15.6	-.2	-.7	-2.2	14.1	28.7	4.0
16:00	15.4	15.3	14.8	-.2	-.6	-.9	14.0	33.3	4.4
17:00	13.9	13.9	13.9	.0	.0	.0	13.7	39.1	4.7
18:00	12.9	12.9	12.6	.0	-.3	.8	13.3	44.2	5.0
19:00	12.2	12.3	11.8	.1	-.4	.8	12.8	46.0	4.9
20:00	10.6	11.5	11.4	1.0	.8	1.0	12.4	52.2	5.0
21:00	9.7	11.0	10.8	1.3	1.1	.7	11.9	54.7	5.0
22:00	9.3	10.4	10.2	1.1	.9	-1.3	11.5	48.3	4.3
23:00	6.7	9.0	9.1	2.4	2.4	-.4	11.1	61.3	4.6
Avg	14.1	14.4	14.2	.4	.1	4.0	13.0	55.0	6.7
Max	16.8	17.3	17.3	2.4	2.4	15.7	14.1	98.1	13.4
Hr. of Max	14	03	03	23	23	02	15	02	02
Min	6.7	9.0	9.1	-.2	-1.1	-2.7	11.1	26.8	3.8
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	0.011452	17.7	.00	28.95	-1.7	263	259	261	14
01:00	0.011275	17.5	.00	28.96	-1.7	247	247	272	10
02:00	0.011529	17.9	.00	28.99	-2.3	248	264	288	13
03:00	0.010995	17.1	.00	29.00	-1.9	267	275	291	14
04:00	0.008166	12.7	.00	29.01	-1.8	260	277	295	17
05:00	0.006436	10.1	.00	29.02	-2.2	258	272	289	17
06:00	0.005594	8.8	.00	29.03	-1.9	278	287	296	12
07:00	0.005826	9.1	.00	29.04	10.8	292	291	294	18
08:00	0.005725	9.0	.00	29.05	115.1	87	285	303	27
09:00	0.004851	7.6	.00	29.07	354.3	298	332	334	26
10:00	0.004674	7.3	.00	29.09	488.0	290	303	303	21
11:00	0.004281	6.7	.00	29.10	583.7	265	276	282	22
12:00	0.003854	6.1	.00	29.10	619.7	280	289	293	19
13:00	0.003633	5.7	.00	29.09	580.1	281	288	285	18
14:00	0.003234	5.1	.00	29.09	446.0	285	290	290	24
15:00	0.003363	5.3	.00	29.09	288.1	285	290	295	20
16:00	0.003688	5.8	.00	29.10	132.3	288	298	298	29
17:00	0.003935	6.2	.00	29.12	6.7	274	283	290	18
18:00	0.004155	6.5	.00	29.14	-1.7	278	292	301	19
19:00	0.004132	6.5	.00	29.16	-1.8	280	292	300	15
20:00	0.00419	6.6	.00	29.17	-1.7	288	291	322	16
21:00	0.004119	6.5	.00	29.18	-1.9	340	347	344	17
22:00	0.003553	5.6	.00	29.19	-2.1	307	337	340	17
23:00	0.003775	6.0	.00	29.19	-2.2	3	359	2	10
Avg	0.005685	8.9	.00	29.08	150.0	283	292	301	18
Max	0.011529	17.9	.00	29.19	619.7	340	359	344	29
Hr. of Max	02	02	23	23	12	21	23	21	16
Min	0.003234	5.1	.00	28.95	-2.3	3	247	2	10
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	9	5	2.0	3.9	8.7	6.6	7.6	16.9
01:00	6	6	2.6	4.9	9.3	5.3	8.7	15.6
02:00	12	9	2.4	4.1	9.7	6.0	9.2	21.3
03:00	13	8	3.2	5.3	11.3	12.1	13.5	22.4
04:00	15	9	4.6	6.7	13.3	11.9	15.1	29.8
05:00	15	10	4.0	5.9	11.8	10.5	13.1	21.1
06:00	10	4	4.2	6.6	13.1	7.8	11.4	25.9
07:00	10	3	2.8	5.5	12.3	8.5	18.8	25.9
08:00	33	11	1.1	2.9	8.9	8.2	9.4	23.8
09:00	32	21	2.5	2.8	3.9	7.8	8.2	9.8
10:00	25	21	3.9	4.7	6.0	11.7	14.0	12.8
11:00	27	18	5.6	6.2	8.4	16.3	18.8	16.7
12:00	18	13	6.4	7.9	10.1	15.3	17.2	18.8
13:00	16	13	6.8	8.1	10.2	18.5	19.2	18.5
14:00	23	13	7.1	8.9	12.3	21.1	22.4	22.9
15:00	19	12	6.5	8.1	12.0	16.7	19.7	33.4
16:00	27	14	5.3	7.1	12.0	16.9	26.1	26.1
17:00	16	10	4.3	6.1	11.2	22.9	22.4	31.1
18:00	17	11	3.4	4.9	10.9	9.4	11.4	20.2
19:00	14	8	3.2	5.0	10.5	10.1	11.9	22.2
20:00	18	15	1.5	2.3	6.3	5.7	9.4	17.9
21:00	24	14	1.4	2.5	7.5	6.2	8.7	15.3
22:00	24	15	1.6	2.7	7.6	4.1	7.1	14.4
23:00	24	16	.8	3.0	8.3	4.8	6.9	12.8
Avg	19	12	3.6	5.3	9.8	11.0	13.8	20.7
Max	33	21	7.1	8.9	13.3	22.9	26.1	33.4
Hr. of Max	08	10	14	14	04	17	16	15
Min	6	3	.8	2.3	3.9	4.1	6.9	9.8
Count	24	24	24	24	24	24	24	24
Total								