Current Time: 5:32 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/3/2013

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	5.5	7.4	7.2	1.9	1.7	4.9	13.3	96.5	6.7
01:00	5.9	7.7	7.4	1.8	1.5	5.3	13.0	97.1	6.9
02:00	7.5	8.1	7.8	.6	.3	5.9	12.7	90.3	7.2
03:00	5.5	6.5	6.8	1.1	1.4	4.8	12.4	96.1	6.7
04:00	4.6	5.4	6.6	.8	2.0	4.1	12.1	97.2	6.4
05:00	3.8	4.8	5.8	1.0	2.0	3.3	11.8	97.3	6.0
06:00	3.0	3.7	4.8	.7	1.8	2.5	11.3	97.3	5.7
07:00	2.9	3.4	4.7	.5	1.8	2.4	11.0	97.3	5.7
08:00	4.9	4.8	5.1	-.1	.2	4.4	10.8	97.1	6.5
09:00	8.1	7.7	7.2	-.5	-.9	4.3	10.8	78.0	6.4
10:00	10.5	9.9	9.6	-.6	-.9	3.4	11.4	62.2	6.0
11:00	11.1	10.6	10.2	-.5	-.9	1.8	11.8	53.4	5.3
12:00	11.6	11.2	10.5	-.5	-1.1	1.5	12.4	50.3	5.2
13:00	13.0	12.4	11.8	-.6	-1.3	.4	12.8	42.8	4.8
14:00	13.6	13.0	12.5	-.6	-1.1	-.4	13.5	38.6	4.5
15:00	13.9	13.4	12.9	-.5	-1.0	-.5	13.9	37.6	4.5
16:00	13.7	13.4	12.7	-.3	-1.0	.3	14.0	40.6	4.8
17:00	12.3	12.4	12.3	.1	.0	1.5	14.0	48.1	5.2
18:00	10.7	11.0	11.1	.3	.4	2.1	13.7	56.2	5.5
19:00	9.5	9.9	10.0	.4	.5	2.6	13.3	62.5	5.7
20:00	8.2	8.7	9.3	.5	1.1	2.9	12.9	69.6	5.8
21:00	7.2	8.0	8.3	.7	1.1	3.0	12.5	75.0	5.9
22:00	6.4	7.3	7.9	.9	1.5	3.0	12.1	79.3	5.9
23:00	5.7	6.8	7.6	1.1	1.8	3.1	11.7	83.8	5.9
Avg	8.3	8.6	8.8	.3	.5	2.8	12.5	72.7	5.8
Max	13.9	13.4	12.9	1.9	2.0	5.9	14.0	97.3	7.2
Hr. of Max	15	16	15	00	05	02	17	07	02
Min	2.9	3.4	4.7	-.6	-1.3	-.5	10.8	37.6	4.5
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	0.005498	8.6	.00	29.14	-2.9	252	270	285	10
01:00	0.005679	8.9	.00	29.14	-3.1	261	283	293	8
02:00	0.005908	9.3	.00	29.14	-3.0	288	296	312	13
03:00	0.005457	8.6	.00	29.15	-3.1	41	35	327	14
04:00	0.005211	8.2	.00	29.16	-2.9	305	332	49	8
05:00	0.004904	7.7	.00	29.18	-3.2	270	251	226	8
06:00	0.00464	7.3	.00	29.22	-3.0	348	24	238	6
07:00	0.004588	7.3	.00	29.24	25.2	27	47	3	12
08:00	0.005294	8.4	.00	29.27	141.6	129	84	28	13
09:00	0.005275	8.3	.00	29.29	387.0	108	102	70	18
10:00	0.004938	7.8	.00	29.30	496.5	92	84	71	14
11:00	0.004424	7.0	.00	29.30	423.0	51	49	42	28
12:00	0.004328	6.9	.00	29.30	466.3	54	61	55	35
13:00	0.004027	6.4	.00	29.27	628.3	79	65	51	32
14:00	0.003785	6.0	.00	29.26	449.2	77	65	54	27
15:00	0.003766	6.0	.00	29.25	363.3	78	69	60	22
16:00	0.004006	6.3	.00	29.25	171.4	65	60	54	27
17:00	0.004329	6.9	.00	29.27	18.9	41	44	46	29
18:00	0.004526	7.2	.00	29.27	-1.5	53	64	49	16
19:00	0.004662	7.4	.00	29.28	-1.6	34	63	54	16
20:00	0.004765	7.5	.00	29.27	-1.9	64	64	51	9
21:00	0.00479	7.6	.00	29.28	-2.1	52	57	53	17
22:00	0.004788	7.6	.00	29.31	-2.4	36	59	52	11
23:00	0.004815	7.6	.00	29.32	-2.5	53	49	55	20
Avg	0.004767	7.5	.00	29.24	147.4	46	48	35	17
Max	0.005908	9.3	.00	29.32	628.3	348	332	327	35
Hr. of Max	02	02	23	23	13	06	04	03	12
Min	0.003766	6.0	.00	29.14	-3.2	27	24	3	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	9	1	2.0	3.8	8.4	3.9	7.3	11.2
01:00	6	2	3.0	5.7	10.8	7.3	11.2	20.8
02:00	10	4	4.2	6.8	11.7	8.2	15.8	24.7
03:00	19	17	1.3	1.8	5.9	3.9	5.0	17.9
04:00	12	9	1.3	1.6	2.3	4.1	4.1	9.4
05:00	8	7	.9	1.2	2.6	3.0	4.8	5.5
06:00	6	2	.9	1.3	2.9	2.3	2.5	4.4
07:00	5	4	.7	1.5	2.4	2.7	4.8	7.3
08:00	12	15	1.1	1.4	1.8	2.7	3.0	3.9
09:00	16	11	3.4	3.4	3.7	11.7	10.3	9.8
10:00	14	9	7.5	7.7	7.4	16.9	16.5	14.4
11:00	20	16	4.3	5.6	6.4	21.1	26.1	14.2
12:00	21	11	3.9	5.8	7.4	14.0	16.5	13.7
13:00	21	16	4.3	5.5	6.5	14.2	15.8	16.0
14:00	18	13	5.0	6.0	6.8	17.6	14.9	15.1
15:00	18	10	5.8	6.7	7.3	14.7	15.1	15.8
16:00	16	8	3.5	5.4	6.4	12.8	14.0	12.4
17:00	13	6	1.6	4.7	9.4	8.0	9.8	14.2
18:00	9	3	1.3	3.6	10.3	3.9	10.5	22.0
19:00	11	3	.8	3.1	7.6	3.0	7.8	16.0
20:00	8	2	.9	2.8	8.0	3.2	6.6	18.8
21:00	9	3	1.0	3.8	8.5	4.4	11.4	13.3
22:00	10	1	.9	3.5	9.3	3.4	7.6	20.8
23:00	12	2	.9	3.8	6.9	3.2	8.5	13.3
Avg	13	7	2.5	4.0	6.7	7.9	10.4	14.0
Max	21	17	7.5	7.7	11.7	21.1	26.1	24.7
Hr. of Max	13	03	10	10	02	11	11	02
Min	5	1	.7	1.2	1.8	2.3	2.5	3.9
Count	24	24	24	24	24	24	24	24
Total								