Current Time: 1:20 PM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/11/2013

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	12.8	13.2	13.9	.4	1.1	12.2	18.5	97.7	10.8
01:00	12.2	12.7	13.3	.5	1.1	11.6	18.1	97.7	10.4
02:00	11.6	12.2	12.8	.6	1.0	11.1	17.8	97.7	10.0
03:00	11.6	12.0	12.6	.4	1.0	11.0	17.5	97.7	10.0
04:00	11.7	11.9	12.4	.3	.7	11.1	17.3	97.8	10.1
05:00	10.7	11.4	11.4	.7	.8	10.1	17.0	97.7	9.5
06:00	10.0	10.7	11.1	.6	1.1	9.5	16.8	97.7	9.1
07:00	9.7	10.4	10.3	.7	.6	9.2	16.5	97.7	8.9
08:00	10.3	10.7	11.7	.4	1.4	9.8	16.3	97.8	9.3
09:00	13.5	13.2	12.2	-.2	<	11.3	16.3	88.3	10.2
10:00	16.5	16.1	15.1	-.5	-1.4	11.4	16.8	73.0	10.1
11:00	19.3	18.7	18.4	-.6	-.9	11.6	17.5	62.2	10.2
12:00	21.3	20.8	20.0	-.5	-1.3	11.9	17.8	55.9	10.3
13:00	22.7	22.2	21.5	-.5	-1.2	12.4	18.7	53.3	10.6
14:00	23.8	23.4	22.6	-.4	-1.2	11.8	19.7	47.9	10.2
15:00	24.5	24.1	23.5	-.5	-1.1	11.0	20.6	43.6	9.7
16:00	24.9	24.4	23.9	-.5	-1.0	11.4	21.2	43.8	9.9
17:00	23.9	23.8	23.6	-.1	-.3	14.0	21.7	55.5	11.8
18:00	22.0	22.6	22.8	.6	.8	15.1	21.8	66.7	12.7
19:00	19.7	20.4	21.7	.7	2.0	16.5	21.5	83.8	14.0
20:00	18.0	18.9	20.0	.8	2.0	16.3	21.0	91.4	13.8
21:00	16.7	17.4	18.9	.7	2.2	15.9	20.5	97.1	13.6
22:00	15.6	16.2	17.8	.7	2.2	14.9	20.0	97.6	12.7
23:00	14.5	15.2	16.7	.7	2.2	13.9	19.5	97.7	12.0
Avg	16.6	16.8	17.0	.2	.5	12.3	18.8	80.7	10.8
Max	24.9	24.4	23.9	.8	2.2	16.5	21.8	97.8	14.0
Hr. of Max	16	16	16	20	23	19	18	08	19
Min	9.7	10.4	10.3	-.6	-1.4	9.2	16.3	43.6	8.9
Count	24	24	24	24	23	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	0.009103	14.2	.00	29.10	-2.0	20	67	4	7
01:00	0.00879	13.7	.00	29.09	-2.0	332	58	58	5
02:00	0.008445	13.2	.00	29.09	-1.9	331	43	42	6
03:00	0.008427	13.2	.00	29.08	-2.0	28	55	38	5
04:00	0.008485	13.3	.00	29.08	-1.8	49	61	45	6
05:00	0.007944	12.4	.00	29.09	-2.1	292	31	52	4
06:00	0.0076	11.9	.00	29.10	-2.4	257	287	43	3
07:00	0.00743	11.6	.00	29.11	1.3	269	235	301	6
08:00	0.007752	12.1	.00	29.12	101.1	255	249	330	5
09:00	0.008582	13.4	.00	29.13	313.4	186	195	57	15
10:00	0.008665	13.6	.00	29.14	484.6	106	100	66	19
11:00	0.008772	13.7	.00	29.14	645.7	117	118	101	20
12:00	0.00895	14.0	.00	29.13	740.0	144	143	139	19
13:00	0.009282	14.5	.00	29.11	770.7	127	134	155	20
14:00	0.008944	14.0	.00	29.08	733.8	308	0	355	35
15:00	0.008521	13.3	.00	29.07	551.7	51	40	31	28
16:00	0.008752	13.7	.00	29.07	526.5	106	99	78	14
17:00	0.010378	16.2	.00	29.06	217.2	103	115	88	13
18:00	0.011134	17.3	.00	29.06	65.9	337	47	335	9
19:00	0.012165	18.9	.00	29.06	.4	8	66	340	8
20:00	0.01197	18.6	.00	29.07	-1.3	2	69	21	9
21:00	0.011692	18.2	.00	29.08	-1.4	348	71	40	8
22:00	0.01092	17.0	.00	29.07	-1.5	18	74	34	8
23:00	0.010227	15.9	.00	29.07	-1.7	321	6	72	5
Avg	0.009289	14.5	.00	29.09	213.8	8	71	42	12
Max	0.012165	18.9	.00	29.14	770.7	348	287	355	35
Hr. of Max	19	19	23	11	13	21	06	14	14
Min	0.00743	11.6	.00	29.06	-2.4	2	0	4	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	4	13	.5	.8	2.3	2.5	2.7	4.8
01:00	4	3	1.0	1.3	2.6	2.3	2.7	6.6
02:00	10	8	.4	.8	1.9	1.6	.0	4.1
03:00	5	4	.8	1.4	4.1	2.1	3.0	7.6
04:00	3	2	.7	2.3	7.5	2.3	5.0	10.8
05:00	10	3	.8	1.2	3.4	2.5	4.6	9.2
06:00	9	6	1.4	1.5	1.6	4.1	3.2	3.7
07:00	5	5	1.2	2.0	1.8	4.1	4.1	4.6
08:00	14	4	.5	1.2	2.0	3.4	7.8	5.7
09:00	23	11	.7	1.0	1.5	2.5	2.1	2.5
10:00	22	16	2.2	2.3	2.0	6.6	6.2	5.5
11:00	25	27	2.4	2.4	2.1	5.7	6.2	5.3
12:00	15	24	3.0	2.9	2.0	6.4	8.0	6.9
13:00	18	20	3.3	3.3	2.9	8.9	8.2	8.0
14:00	33	29	2.4	2.7	3.2	7.8	11.2	9.8
15:00	26	26	3.1	3.3	3.4	12.4	11.9	11.7
16:00	13	17	4.3	4.5	3.9	10.1	9.4	8.0
17:00	13	8	1.7	1.7	2.1	5.3	7.8	7.6
18:00	11	18	.9	1.0	1.1	2.1	4.4	5.3
19:00	12	14	1.3	1.4	1.6	2.7	2.7	5.3
20:00	6	5	.9	1.3	5.1	4.1	3.2	8.2
21:00	5	7	.8	1.2	3.8	2.1	3.9	7.8
22:00	4	3	.8	1.1	4.8	1.8	3.4	8.2
23:00	11	3	.9	1.1	1.8	2.3	.0	4.8
Avg	13	12	1.5	1.8	2.9	4.4	5.1	6.8
Max	33	29	4.3	4.5	7.5	12.4	11.9	11.7
Hr. of Max	14	14	16	16	04	15	15	15
Min	3	2	.4	.8	1.1	1.6	.0	2.5
Count	24	24	24	24	24	24	24	24
Total								