Current Time: 8:20 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/6/2014

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	-2.0	-2.2	-2.6	-.2	-.6	-6.5	4.0	71.6	3.0
01:00	-2.2	-2.4	-2.8	-.3	-.6	-6.8	3.9	70.9	2.9
02:00	-2.3	-2.6	-2.9	-.2	-.6	-7.0	3.7	70.4	2.9
03:00	-2.3	-2.6	-2.9	-.2	-.6	-6.9	3.6	71.1	2.9
04:00	-2.4	-2.7	-3.0	-.3	-.6	-7.2	3.5	70.2	2.9
05:00	-2.6	-2.8	-3.1	-.3	-.5	-7.2	3.4	70.5	2.8
06:00	-2.6	-2.9	-3.3	-.2	-.7	-7.7	3.2	68.4	2.7
07:00	-2.7	-2.9	-3.3	-.2	-.6	-7.9	3.2	67.5	2.7
08:00	-2.6	-2.8	-3.3	-.3	-.7	-7.7	3.1	67.9	2.7
09:00	-1.9	-2.3	-2.8	-.4	-.9	-8.1	3.0	63.4	2.7
10:00	-1.3	-1.8	-2.2	-.5	-.9	-8.1	3.0	60.1	2.6
11:00	-.7	-1.2	-1.4	-.4	-.7	-8.5	3.0	56.1	2.6
12:00	-.4	-.8	-1.1	-.5	-.7	-8.0	3.2	56.5	2.7
13:00	.1	-.4	-.7	-.4	-.8	-8.1	3.4	54.7	2.7
14:00	.9	.5	.1	-.4	-.8	-8.0	3.7	51.7	2.7
15:00	1.2	.9	.4	-.3	-.8	-7.5	4.0	52.5	2.8
16:00	1.2	.9	.3	-.2	-.9	-7.1	4.2	54.3	2.8
17:00	.7	.5	.0	-.2	-.7	-6.3	4.2	60.0	3.0
18:00	.3	.2	-.3	-.1	-.6	-6.0	4.1	63.0	3.1
19:00	.1	.0	-.6	-.1	-.7	-5.8	4.0	64.9	3.2
20:00	-.4	-.2	-.9	.1	-.5	-5.5	3.9	68.7	3.2
21:00	-.8	-.6	-1.4	.2	-.6	-4.7	3.7	75.2	3.4
22:00	-1.7	-1.3	-1.5	.4	-.2	-4.7	3.6	80.5	3.4
23:00	-2.4	-1.9	-1.9	.5	.4	-4.7	3.4	84.3	3.4
Avg	-1.1	-1.3	-1.7	-.2	-.6	-6.9	3.6	65.6	2.9
Max	1.2	.9	.4	.5	.4	-4.7	4.2	84.3	3.4
Hr. of Max	16	16	15	23	23	23	17	23	23
Min	-2.7	-2.9	-3.3	-.5	-.9	-8.5	3.0	51.7	2.6
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	0.002367	3.8	.00	29.32	-2.7	1	8	1	21
01:00	0.002312	3.7	.00	29.32	-3.3	38	32	22	36
02:00	0.002272	3.6	.00	29.32	-2.9	14	16	11	30
03:00	0.002293	3.6	.00	29.32	-2.7	34	27	17	32
04:00	0.002245	3.6	.00	29.32	-3.3	58	44	41	33
05:00	0.002234	3.6	.00	29.33	-2.6	49	44	38	38
06:00	0.002153	3.4	.00	29.34	-3.3	42	36	30	43
07:00	0.002116	3.4	.00	29.36	1.0	32	31	21	37
08:00	0.002146	3.4	.00	29.38	51.7	22	26	19	36
09:00	0.002096	3.3	.00	29.38	142.0	31	29	21	38
10:00	0.002083	3.3	.00	29.39	210.5	59	46	34	31
11:00	0.002032	3.2	.00	29.38	294.5	53	46	38	27
12:00	0.002105	3.4	.00	29.36	266.3	63	62	54	32
13:00	0.002102	3.3	.00	29.33	354.0	79	75	64	19
14:00	0.002112	3.4	.00	29.31	282.0	58	48	22	32
15:00	0.002195	3.5	.00	29.30	105.9	345	6	9	30
16:00	0.002266	3.6	.00	29.32	39.8	50	65	63	20
17:00	0.002412	3.8	.00	29.34	9.0	248	251	255	15
18:00	0.002468	3.9	.00	29.34	-2.2	299	312	315	14
19:00	0.002499	4.0	.00	29.33	-2.6	341	21	32	20
20:00	0.002558	4.1	.00	29.34	-1.8	298	355	27	18
21:00	0.002717	4.3	.00	29.34	-2.7	285	308	357	12
22:00	0.002709	4.3	.00	29.33	-2.5	286	349	342	7
23:00	0.002711	4.3	.00	29.32	-2.7	327	49	56	17
Avg	0.0023	3.7	.00	29.34	71.7	17	25	22	27
Max	0.002717	4.3	.00	29.39	354.0	345	355	357	43
Hr. of Max	21	23	23	10	13	15	20	21	06
Min	0.002032	3.2	.00	29.30	-3.3	1	6	1	7
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	25	20	1.9	2.8	4.5	5.7	7.1	11.4
01:00	21	14	2.2	4.4	7.6	7.6	11.9	14.2
02:00	25	19	2.6	4.5	7.3	8.2	10.5	12.1
03:00	23	16	1.5	3.2	6.7	5.7	12.4	12.8
04:00	16	7	2.7	6.3	10.0	9.8	14.0	15.6
05:00	19	9	2.4	5.6	9.9	9.2	16.9	19.5
06:00	23	9	2.7	6.0	10.9	9.6	15.8	19.2
07:00	19	13	3.0	6.0	10.2	10.3	15.1	21.5
08:00	24	15	2.6	5.1	8.4	10.3	15.1	16.0
09:00	31	16	3.2	5.0	8.6	10.5	17.2	22.2
10:00	21	13	3.8	5.7	8.5	12.4	14.4	25.6
11:00	22	14	4.1	4.9	7.2	12.8	14.7	19.7
12:00	19	12	3.6	4.5	5.0	10.3	10.5	10.8
13:00	14	12	4.1	4.5	4.5	10.8	9.8	11.4
14:00	27	23	2.7	3.0	3.6	9.4	10.3	9.6
15:00	29	21	1.9	2.2	3.4	6.0	6.4	7.8
16:00	16	13	1.7	2.1	2.7	6.6	6.4	11.0
17:00	11	9	2.9	3.5	4.4	7.6	7.1	8.0
18:00	17	12	1.4	2.2	3.8	4.6	7.3	9.6
19:00	16	9	.8	2.0	4.3	4.1	6.6	11.9
20:00	11	7	1.1	1.2	2.4	2.7	3.9	6.4
21:00	10	15	1.3	1.6	1.9	4.8	4.8	5.7
22:00	14	12	1.0	1.5	2.8	2.5	2.7	6.0
23:00	15	9	.8	1.7	3.7	3.2	5.7	8.2
Avg	20	13	2.3	3.7	5.9	7.7	10.3	13.2
Max	31	23	4.1	6.3	10.9	12.8	17.2	25.6
Hr. of Max	09	14	13	04	06	11	09	10
Min	10	7	.8	1.2	1.9	2.5	2.7	5.7
Count	24	24	24	24	24	24	24	24
Total								