Current Time: 8:25 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/14/2013

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	4.6	5.1	5.2	.5	.6	-4.7	4.5	51.4	3.4
01:00	3.9	4.6	5.1	.7	1.2	-4.0	4.5	56.6	3.6
02:00	4.0	4.6	4.9	.6	.9	-3.4	4.5	59.3	3.7
03:00	3.4	4.2	4.0	.8	.6	-1.8	4.5	69.7	4.2
04:00	3.5	3.7	3.8	.3	.3	.6	4.5	82.1	5.0
05:00	3.7	3.8	3.8	.1	.1	.0	4.5	76.9	4.8
06:00	3.8	3.8	3.8	.0	.0	-.4	4.5	74.8	4.7
07:00	3.2	3.4	3.0	.1	-.2	.9	4.5	85.5	5.1
08:00	2.7	2.6	2.3	.0	-.3	2.1	4.5	97.1	5.6
09:00	2.9	2.9	2.6	-.1	-.3	2.4	4.5	97.3	5.7
10:00	3.6	3.4	3.4	-.2	-.2	3.1	4.5	97.3	6.0
11:00	4.3	4.1	3.8	-.3	-.5	3.9	4.7	97.4	6.3
12:00	5.2	4.9	4.3	-.3	-.8	4.7	4.9	97.5	6.6
13:00	5.9	5.6	5.2	-.2	-.7	5.3	5.2	97.4	6.9
14:00	6.1	5.9	5.4	-.2	-.7	5.6	5.5	97.4	7.0
15:00	6.3	6.1	5.7	-.2	-.6	5.8	5.7	97.5	7.2
16:00	6.3	6.1	5.8	-.2	-.5	5.8	5.8	97.5	7.2
17:00	6.2	6.1	5.7	-.1	-.5	5.7	5.9	97.5	7.1
18:00	6.2	6.1	5.7	-.1	-.5	5.8	6.0	97.6	7.1
19:00	6.3	6.2	5.9	-.1	-.4	5.8	6.0	97.6	7.2
20:00	6.7	6.6	6.3	-.1	-.4	6.2	6.0	97.6	7.4
21:00	6.9	6.8	6.6	-.1	-.3	6.5	6.0	97.7	7.5
22:00	7.5	7.3	7.0	-.1	-.5	7.0	6.1	97.7	7.7
23:00	6.8	6.6	6.2	-.2	-.6	6.3	6.1	97.7	7.4
Avg	5.0	5.0	4.8	.0	-.2	2.9	5.1	88.2	6.0
Max	7.5	7.3	7.0	.8	1.2	7.0	6.1	97.7	7.7
Hr. of Max	22	22	22	03	01	22	23	23	22
Min	2.7	2.6	2.3	-.3	-.8	-4.7	4.5	51.4	3.4
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	0.002752	4.4	.00	29.17	-2.5	272	145	66	14
01:00	0.002887	4.6	.00	29.17	-3.2	313	24	86	15
02:00	0.003026	4.8	.00	29.15	-2.5	337	52	76	14
03:00	0.003423	5.4	.01	29.13	-2.9	37	24	62	25
04:00	0.004054	6.4	.00	29.08	-2.6	53	72	55	16
05:00	0.003877	6.1	.00	29.08	-2.5	46	56	64	20
06:00	0.003793	6.0	.00	29.07	-2.1	58	54	55	23
07:00	0.004155	6.5	.07	29.05	-2.6	51	54	58	25
08:00	0.004546	7.1	.10	29.01	4.3	59	56	53	27
09:00	0.004646	7.3	.12	28.99	14.2	64	58	47	28
10:00	0.004879	7.6	.08	28.97	63.3	66	63	60	26
11:00	0.005151	8.1	.00	28.96	101.0	56	55	54	27
12:00	0.005464	8.5	.00	28.92	101.4	63	52	35	24
13:00	0.005739	8.9	.00	28.89	73.3	33	4	8	16
14:00	0.00583	9.1	.00	28.88	39.9	189	207	289	10
15:00	0.005923	9.2	.00	28.87	30.9	224	216	267	6
16:00	0.005924	9.2	.00	28.88	12.6	221	225	235	12
17:00	0.005896	9.2	.00	28.88	-.1	235	234	227	12
18:00	0.005906	9.2	.00	28.88	-2.8	240	244	230	11
19:00	0.005943	9.3	.00	28.88	-2.1	230	237	235	12
20:00	0.006094	9.5	.01	28.90	-2.2	238	248	253	15
21:00	0.0062	9.7	.00	28.89	-2.1	235	233	233	13
22:00	0.006436	10.0	.00	28.89	-2.6	253	266	277	16
23:00	0.006141	9.6	.00	28.92	-2.2	275	282	291	20
Avg	0.004945	7.7	.01	28.98	16.9	339	35	25	18
Max	0.006436	10.0	.12	29.17	101.4	337	282	291	28
Hr. of Max	22	22	09	01	12	02	23	23	09
Min	0.002752	4.4	.00	28.87	-3.2	33	4	8	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	15	8	1.8	2.6	4.4	5.5	7.1	13.7
01:00	16	11	1.4	1.4	1.8	4.1	7.8	4.8
02:00	14	8	1.5	1.7	4.4	5.0	6.4	9.6
03:00	22	4	1.6	2.5	5.8	4.4	10.1	11.4
04:00	13	8	2.3	3.5	7.1	7.8	9.2	17.4
05:00	10	5	1.7	3.8	4.8	6.2	7.8	11.4
06:00	13	3	2.4	5.1	8.0	8.0	11.7	15.6
07:00	13	5	2.9	6.9	8.6	10.8	13.1	17.9
08:00	16	4	3.4	7.1	12.2	11.2	15.6	20.4
09:00	16	6	2.3	5.1	11.4	8.7	12.8	27.9
10:00	20	9	4.1	5.8	8.4	20.2	22.4	25.6
11:00	15	8	1.9	3.6	4.3	7.3	8.5	12.4
12:00	22	10	1.8	2.2	3.7	5.7	6.2	7.8
13:00	24	10	.6	1.0	1.7	3.2	3.7	4.1
14:00	11	7	1.0	1.3	1.9	3.4	3.7	4.8
15:00	8	6	.9	1.2	1.6	3.2	3.4	5.0
16:00	10	3	2.3	3.5	5.0	5.7	6.2	8.0
17:00	9	2	2.3	3.6	6.9	6.2	9.2	14.0
18:00	7	2	2.4	3.9	7.7	7.1	8.2	16.5
19:00	8	2	2.4	4.1	8.4	7.1	8.5	13.1
20:00	12	8	3.4	5.2	9.8	8.9	11.2	24.7
21:00	8	4	3.1	5.7	9.9	6.6	10.3	16.5
22:00	15	9	5.1	6.9	12.4	11.9	14.2	21.5
23:00	17	12	6.7	8.7	14.3	17.2	20.4	25.6
Avg	14	6	2.5	4.0	6.9	7.7	9.9	14.6
Max	24	12	6.7	8.7	14.3	20.2	22.4	27.9
Hr. of Max	13	23	23	23	23	10	10	09
Min	7	2	.6	1.0	1.6	3.2	3.4	4.1
Count	24	24	24	24	24	24	24	24
Total								