Current Time: 7:22 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/8/2014

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	10_DewPtF_10m	11_SoilTempC	12_RH
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGF	DEGC	PERCENT
00:00	.7	.6	.4	-.1	-.3	-4.9	23.2	3.4	66.7
01:00	.6	.5	.2	-.1	-.4	-4.8	23.4	3.4	67.6
02:00	.5	.4	.1	-.1	-.4	-4.5	23.9	3.3	69.4
03:00	.5	.4	.0	-.1	-.5	-4.7	23.5	3.3	68.1
04:00	.5	.3	-.1	-.1	-.6	-4.5	23.8	3.2	69.5
05:00	.4	.3	-.1	-.1	-.5	-4.3	24.3	3.2	71.1
06:00	.4	.4	.0	-.1	-.4	-4.2	24.4	3.1	71.4
07:00	.5	.4	.0	-.1	-.5	-4.3	24.2	3.1	70.3
08:00	.8	.6	.2	-.3	-.6	-4.3	24.2	3.0	69.0
09:00	1.4	1.1	.8	-.3	-.6	-4.5	23.8	3.0	65.0
10:00	2.1	1.7	1.3	-.4	-.8	-4.7	23.5	3.0	61.1
11:00	2.8	2.5	2.0	-.3	-.8	-5.3	22.4	3.2	55.7
12:00	3.8	3.4	3.1	-.4	-.7	-4.8	23.4	3.4	54.0
13:00	4.8	4.5	3.9	-.2	-.9	-4.3	24.2	3.7	52.3
14:00	5.5	5.3	4.4	-.2	-1.1	-3.6	25.5	4.1	52.5
15:00	6.2	5.9	5.0	-.3	-1.2	-2.7	27.2	4.4	53.5
16:00	6.8	6.6	5.6	-.2	-1.2	-2.6	27.3	4.7	51.7
17:00	6.7	6.6	5.8	-.1	-.9	-1.8	28.8	5.0	55.3
18:00	5.2	5.9	5.8	.8	.6	-1.1	29.9	5.1	64.3
19:00	4.6	5.3	5.5	.7	.9	-.9	30.4	5.0	68.2
20:00	4.5	5.2	5.2	.7	.7	-.5	31.1	4.8	70.4
21:00	4.7	5.4	5.3	.7	.6	-.3	31.4	4.7	70.5
22:00	5.0	5.4	5.3	.4	.3	.0	32.0	4.6	70.8
23:00	5.2	5.1	5.0	-.1	-.2	.4	32.7	4.6	71.7
Avg	3.1	3.1	2.7	.0	-.4	-3.2	26.2	3.8	64.2
Max	6.8	6.6	5.8	.8	.9	.4	32.7	5.1	71.7
Hr. of Max	16	17	18	18	19	23	23	18	23
Min	.4	.3	-.1	-.4	-1.2	-5.3	22.4	3.0	51.7
Count	24	24	24	24	24	24	24	24	24
Total									

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	I3_AbsHum gm3	14_Mix Ratio	15_Vapor Pr	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	G/M3	None	KPa	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	3.4	0.002687	4.3	.00	29.27	-3.2	330	7	73
01:00	3.4	0.002706	4.3	.00	29.27	-2.1	343	8	34
02:00	3.5	0.002765	4.4	.00	29.26	-2.8	15	17	23
03:00	3.4	0.002716	4.3	.00	29.25	-2.5	17	34	45
04:00	3.5	0.002757	4.4	.00	29.25	-2.8	358	8	19
05:00	3.5	0.002809	4.5	.00	29.25	-2.3	0	23	40
06:00	3.5	0.002825	4.5	.00	29.26	-3.1	80	75	71
07:00	3.5	0.0028	4.4	.00	29.25	2.0	51	54	57
08:00	3.5	0.002807	4.4	.00	29.24	30.2	64	57	52
09:00	3.5	0.002762	4.4	.00	29.26	81.7	64	56	58
10:00	3.4	0.002726	4.3	.00	29.26	146.2	54	50	47
11:00	3.3	0.00261	4.1	.00	29.25	218.7	40	51	33
12:00	3.4	0.002726	4.3	.00	29.23	261.7	94	87	55
13:00	3.5	0.002825	4.5	.00	29.20	230.5	209	203	221
14:00	3.7	0.002983	4.7	.00	29.18	266.1	219	221	218
15:00	3.9	0.003194	5.0	.00	29.18	228.8	200	203	209
16:00	3.9	0.003218	5.1	.00	29.17	231.3	207	213	214
17:00	4.2	0.003421	5.4	.00	29.16	71.9	232	226	217
18:00	4.4	0.003572	5.6	.00	29.16	.2	281	264	227
19:00	4.5	0.003643	5.8	.00	29.18	-2.1	339	222	223
20:00	4.6	0.00374	5.9	.00	29.17	-1.8	357	0	206
21:00	4.7	0.003786	6.0	.00	29.18	-1.7	249	258	254
22:00	4.8	0.003878	6.1	.00	29.20	-3.1	253	255	272
23:00	4.9	0.003991	6.3	.00	29.20	-2.1	265	276	288
Avg	3.8	0.003081	4.9	.00	29.22	72.5	348	4	32
Max	4.9	0.003991	6.3	.00	29.27	266.1	358	276	288
Hr. of Max	23	23	23	23	01	14	04	23	23
Min	3.3	0.00261	4.1	.00	29.16	-3.2	0	0	19
Count	24	24	24	24	24	24	24	24	24
Total									

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	29_Sigma_10m	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	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	16	12	13	.8	1.6	1.8	3.9	5.5	8.7
01:00	12	27	7	1.2	2.2	2.9	2.7	5.0	5.5
02:00	17	23	16	1.2	2.6	4.7	4.1	6.4	7.1
03:00	19	13	7	.8	2.5	3.9	3.7	5.0	11.0
04:00	16	23	15	1.1	2.0	3.9	4.8	6.0	8.2
05:00	12	22	6	1.1	2.3	4.4	2.7	4.8	11.2
06:00	21	13	7	1.3	1.6	3.2	6.9	6.4	8.5
07:00	22	13	6	2.3	4.6	7.0	8.9	11.4	13.3
08:00	28	19	8	2.9	4.1	7.2	8.7	9.4	18.3
09:00	27	17	9	2.9	4.1	4.7	10.1	10.3	11.7
10:00	25	16	9	2.8	3.6	4.2	10.3	9.6	12.4
11:00	25	22	15	2.2	2.1	2.8	6.4	8.7	7.1
12:00	26	33	25	2.3	1.8	1.9	6.2	5.7	5.5
13:00	22	24	25	2.1	2.0	2.4	5.7	6.9	6.4
14:00	18	15	12	4.2	4.8	5.8	9.6	10.8	11.0
15:00	21	16	11	3.8	4.8	6.1	8.9	12.6	14.4
16:00	16	17	10	3.9	4.4	5.2	8.0	15.3	11.4
17:00	13	10	6	2.2	3.2	4.8	10.3	14.2	15.8
18:00	4	5	3	1.3	1.3	3.6	2.7	3.2	6.9
19:00	6	2	2	.3	.9	5.2	1.6	3.0	8.7
20:00	10	9	7	.4	.4	4.4	1.8	2.3	8.7
21:00	5	6	3	1.0	1.5	6.4	2.5	4.8	11.0
22:00	10	8	5	1.6	3.0	7.0	4.4	6.0	14.0
23:00	15	12	7	1.9	3.0	6.3	5.0	6.4	13.1
Avg	17	16	10	1.9	2.7	4.6	5.8	7.5	10.4
Max	28	33	25	4.2	4.8	7.2	10.3	15.3	18.3
Hr. of Max	08	12	13	14	15	08	17	16	08
Min	4	2	2	.3	.4	1.8	1.6	2.3	5.5
Count	24	24	24	24	24	24	24	24	24
Total									