Current Time: 6:53 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/2/2013

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	8.4	9.0	9.1	.6	.7	1.7	35.1	6.5	63.5
01:00	8.2	8.9	8.9	.6	.7	2.0	35.6	6.5	65.3
02:00	8.0	8.2	8.3	.2	.3	2.6	36.7	6.5	69.7
03:00	6.5	6.7	6.9	.2	.4	5.5	41.9	6.5	94.1
04:00	6.5	6.6	6.8	.1	.3	5.9	42.7	6.5	97.1
05:00	6.5	6.6	6.7	.1	.2	5.9	42.7	6.5	97.1
06:00	6.6	6.7	6.8	.1	.2	6.0	42.8	6.6	97.1
07:00	6.7	7.1	7.1 D	.4	.4 D	6.0	42.8	6.6	96.4
08:00	6.6	6.5	6.3	-.1	-.3	5.9	42.6	6.6	95.9
09:00	6.5	6.4	6.1	-.2	-.5	6.0	42.8	6.6	97.3
10:00	6.8	6.6	6.3	-.2	-.5	6.3	43.3	6.7	97.3
11:00	7.1	6.9	6.1	-.2	-1.0	6.5	43.7	6.8	97.2
12:00	7.3	7.1	6.0	-.2	-1.3	6.7	44.1	7.0	97.3
13:00	7.5	7.3	6.3	-.2	-1.2	6.9	44.4	7.1	97.3
14:00	7.8	7.6	7.1	-.2	-.7	7.2	45.0	7.3	97.2
15:00	8.0 P	7.8 P	7.3 P	-.2 P	-.7 P	P	P	7.4 P	97.2 P
16:00	8.1	7.9	7.3	-.2	-.8	7.5	45.6	7.5	97.3
17:00	8.0	7.8	7.4	-.1	-.6	7.4	45.4	7.5	97.4
18:00	7.8	7.7	7.4	-.1	-.4	7.3	45.2	7.6	97.5
19:00	7.8	7.7	7.2	-.1	-.6	7.3	45.1	7.6	97.5
20:00	7.9	7.8	7.2	-.1	-.7	7.4	45.3	7.6	97.6
21:00	7.9	7.8	7.3	-.1	-.6	7.4	45.3	7.6	97.6
22:00	8.0	7.8	7.3	-.1	-.7	7.5	45.4	7.6	97.7
23:00	8.0	7.9	7.4	-.1	-.6	7.5	45.6	7.6	97.7
Avg	7.4	7.4	7.1	.0	-.3	6.1	43.0	7.0	93.2
Max	8.4	9.0	9.1	.6	.7	7.5	45.6	7.6	97.7
Hr. of Max	00	00	00	01	01	23	23	23	23
Min	6.5	6.4	6.0	-.2	-1.3	1.7	35.1	6.5	63.5
Count	24	24	24	24	24	23	23	24	24
Total									

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Interval: 001h

	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	5.4	0.004435	7.0	.00	29.03	-3.1	74	334	216
01:00	5.5	0.004511	7.1	.00	29.02	-1.9	266	230	193
02:00	5.7	0.004728	7.4	.00	29.02	-2.1	242	214	197
03:00	7.0	0.005784	9.1	.00	29.00	-2.4	322	253	237
04:00	7.2	0.005955	9.3	.00	28.99	-2.2	271	141	240
05:00	7.2	0.005962	9.3	.00	28.98	-2.8	248	243	204
06:00	7.3	0.005997	9.4	.00	28.99	-1.8	267	260	214
07:00	7.3	0.005997	9.4	.00	28.98	-.7	261	253	239
08:00	7.2	0.005936	9.3	.00	28.98	9.5	229	240	236
09:00	7.3	0.005988	9.4	.00	28.98	26.9	216	228	263
10:00	7.4	0.006106	9.5	.00	28.97	48.9	183	167	197
11:00	7.5	0.006216	9.7	.00	28.96	57.9	210	203	177
12:00	7.6	0.006301	9.8	.00	28.94	56.9	282	273	296
13:00	7.7	0.006398	10.0	.00	28.91	50.3	263	260	241
14:00	7.9	0.00655	10.2	.00	28.90	53.6	244	235	234
15:00	8.0 P	0.006635 P	10.3 P	.00 P	28.89 P	26.2 P	298 P	321 P	4 P
16:00	8.0	0.006688	10.4	.00	28.88	8.7	33	2	66
17:00	8.0	0.006644	10.3	.00	28.89	-1.0	329	31	102
18:00	7.9	0.006583	10.2	.00	28.89	-1.9	356	10	57
19:00	7.9	0.006574	10.2	.00	28.89	-2.7	13	26	59
20:00	7.9	0.006621	10.3	.00	28.90	-1.9	20	46	61
21:00	8.0	0.006625	10.3	.00	28.91	-2.1	13	18	51
22:00	8.0	0.006649	10.4	.01	28.91	-2.6	38	48	61
23:00	8.0	0.006685	10.4	.17	28.91	-1.9	33	35	59
Avg	7.4	0.006107	9.5	.00	28.95	12.8	293	281	204
Max	8.0	0.006688	10.4	.17	29.03	57.9	356	334	296
Hr. of Max	23	16	23	23	00	11	18	00	12
Min	5.4	0.004435	7.0	.00	28.88	-3.1	13	2	4
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	7	12	3	.2	.6	3.8	1.8	1.5	8.5
01:00	6	8	4	1.0	2.0	5.0	3.0	4.4	8.0
02:00	11	10	5	1.8	3.2	6.6	6.2	7.6	12.1
03:00	9	8	2	.6	1.2	3.1	3.7	6.0	13.7
04:00	6	7	2	.6	1.0	1.6	2.1	2.4	3.4
05:00	4	4	1	1.5	1.2	3.6	3.4	3.7	5.7
06:00	5	7	4	1.0	1.5	5.9	6.2	7.1	10.3
07:00	8	8	5	.8	2.2	5.7	3.7	7.6	9.4
08:00	10	7	3	1.5	2.3	4.6	4.1	6.4	12.1
09:00	9	10	7	1.2	1.1	3.4	3.9	3.9	10.8
10:00	11	14	15	.3	.7	1.7	2.3	2.3	3.9
11:00	17	11	8	.7	1.0	1.5	2.3	2.5	3.2
12:00	9	13	6	.6	.7	1.5	3.2	2.3	2.7
13:00	9	9	12	.9	.5	1.6	2.5	2.7	4.4
14:00	8	17	8	.3	.7	1.7	2.1	1.8	4.4
15:00	8 P	12 P	10 P	.5 P	.5 P	.5 P	<	<	<
16:00	10	15	10	.4	.5	.8	2.5	1.3	2.5
17:00	10	17	9	.3	.4	1.0	2.3	1.0	2.5
18:00	9	34	5	.7	1.7	2.0	1.8	3.0	3.4
19:00	11	17	7	.6	2.3	2.1	3.4	5.0	6.0
20:00	16	10	8	.6	1.6	1.8	3.2	6.2	4.8
21:00	12	18	5	.8	1.9	2.5	4.8	5.7	6.4
22:00	17	12	7	.8	2.5	3.0	3.9	6.0	6.9
23:00	18	19	9	1.9	3.0	3.5	8.2	8.2	9.4
Avg	10	12	6	.8	1.4	2.9	3.5	4.3	6.7
Max	18	34	15	1.9	3.2	6.6	8.2	8.2	13.7
Hr. of Max	23	18	10	23	02	02	23	23	03
Min	4	4	1	.2	.4	.5	1.8	1.0	2.5
Count	24	24	24	24	24	24	23	23	23
Total									