Current Time: 6:23 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/30/2013

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	14.0	14.4	15.0	.4	1.0	13.4	15.4	97.3	11.6
01:00	13.7	14.1	14.4	.4	.7	13.1	15.3	97.4	11.4
02:00	13.6	14.1	14.2	.6	.6	12.9	15.1	97.5	11.3
03:00	13.5	13.9	14.4	.4	.9	12.9	15.0	97.5	11.3
04:00	13.7	14.1	14.5	.4	.8	13.0	14.9	97.5	11.4
05:00	14.0	14.8	14.6	.8	.6	13.4	14.9	97.5	11.6
06:00	14.5	14.9	14.8	.4	.3	13.8	14.8	97.4	11.9
07:00	14.6	14.9	15.0	.3	.4	13.9	14.8	97.4	12.0
08:00	14.5	14.9	15.0	.4	.6	13.8	14.8	97.4	11.9
09:00	15.8	16.1	15.5	.2	-.3	13.4	14.7	87.1	11.6
10:00	18.1	18.0	17.0	-.2	-1.1	13.0	14.9	73.2	11.2
11:00	20.3	20.1	19.2	-.2	-.9	13.1	15.4	64.4	11.2
12:00	21.9	21.6	20.8	-.3	-1.1	13.6	16.0	60.5	11.5
13:00	23.4	23.1	22.1	-.3	-1.3	13.0	16.9	53.3	11.1
14:00	24.4	24.1	23.0	-.3	-1.4	12.3	17.6	47.7	10.5
15:00	24.9	24.6	23.5	-.3	-1.4	11.6	18.2	44.4	10.1
16:00	24.7	24.4	23.4	-.3	-1.3	12.0	18.5	46.2	10.3
17:00	23.9	23.8	23.0	-.1	-.9	12.4	18.6	49.6	10.6
18:00	21.8	22.5	22.4	.7	.6	13.0	18.5	58.5	11.1
19:00	19.0	20.4	21.1	1.4	2.1	13.3	18.1	70.8	11.4
20:00	17.6	19.0	20.6	1.5	3.0	13.6	17.7	79.1	11.7
21:00	17.2	18.1	19.6	.9	2.4	13.9	17.3	82.4	11.9
22:00	16.3	17.2	18.9	.9	2.6	14.1	17.0	88.3	12.1
23:00	15.5	16.5	17.9	1.0	2.4	14.0	16.7	92.1	12.0
Avg	18.0	18.3	18.3	.4	.4	13.2	16.3	78.1	11.4
Max	24.9	24.6	23.5	1.5	3.0	14.1	18.6	97.5	12.1
Hr. of Max	15	15	15	20	20	22	17	05	22
Min	13.5	13.9	14.2	-.3	-1.4	11.6	14.7	44.4	10.1
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	0.009797	15.4	.00	29.25	-2.4	276	345	202	12
01:00	0.009605	15.1	.00	29.25	-2.0	253	253	234	5
02:00	0.009521	14.9	.00	29.25	-1.9	234	231	232	8
03:00	0.009501	14.9	.00	29.25	-2.1	236	225	243	8
04:00	0.009583	15.0	.00	29.25	-1.9	231	234	232	10
05:00	0.00983	15.4	.00	29.25	-2.4	236	252	237	9
06:00	0.010084	15.8	.00	29.26	-1.7	213	244	246	5
07:00	0.010148	15.9	.00	29.26	-1.8	292	204	243	6
08:00	0.010086	15.8	.00	29.27	22.9	236	249	231	6
09:00	0.009817	15.4	.00	29.28	145.4	228	248	243	14
10:00	0.009569	15.0	.00	29.29	382.8	219	226	225	19
11:00	0.00963	15.1	.00	29.29	519.6	239	240	226	19
12:00	0.009997	15.7	.00	29.27	631.4	228	232	223	20
13:00	0.009665	15.2	.00	29.24	653.3	222	228	222	21
14:00	0.009195	14.4	.00	29.21	556.8	213	217	213	21
15:00	0.008821	13.8	.00	29.19	396.2	212	216	211	22
16:00	0.009071	14.2	.00	29.18	218.6	193	198	197	18
17:00	0.009285	14.5	.00	29.17	83.2	200	202	191	15
18:00	0.009626	15.1	.00	29.18	14.7	278	218	202	10
19:00	0.009794	15.3	.00	29.18	-1.3	323	326	196	8
20:00	0.010028	15.7	.00	29.18	-1.6	335	248	210	4
21:00	0.010168	15.9	.00	29.17	-1.5	27	40	198	6
22:00	0.010322	16.1	.00	29.18	-1.7	338	16	193	6
23:00	0.010242	16.0	.00	29.17	-1.8	303	26	203	5
Avg	0.009724	15.2	.00	29.23	150.0	248	241	219	12
Max	0.010322	16.1	.00	29.29	653.3	338	345	246	22
Hr. of Max	22	22	23	11	13	22	00	06	15
Min	0.008821	13.8	.00	29.17	-2.4	27	16	191	4
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	9	8	1.1	1.5	4.5	3.9	4.8	8.9
01:00	11	3	1.4	2.0	6.5	3.0	4.4	10.3
02:00	3	2	2.2	4.1	8.3	4.1	7.1	14.2
03:00	3	1	1.8	2.8	7.3	5.3	8.9	18.3
04:00	4	1	2.3	4.9	10.3	5.5	6.6	18.5
05:00	8	3	1.8	4.4	9.3	3.9	9.4	21.8
06:00	8	3	1.4	2.9	8.4	3.2	6.2	15.3
07:00	5	4	1.0	1.4	6.3	2.7	3.9	13.5
08:00	6	3	1.8	3.4	9.2	5.0	7.6	14.4
09:00	14	9	2.2	3.7	8.3	7.1	8.9	17.6
10:00	18	9	4.8	6.0	8.7	13.1	14.7	16.0
11:00	17	10	5.2	6.7	8.9	11.2	14.9	18.5
12:00	15	8	6.1	7.9	10.0	14.9	16.5	19.9
13:00	19	12	6.4	7.8	9.8	22.0	23.6	16.5
14:00	19	14	5.8	7.2	8.8	21.8	26.6	32.5
15:00	17	10	5.7	7.4	10.3	14.7	16.3	18.3
16:00	16	10	4.7	6.4	9.2	13.3	14.2	22.2
17:00	12	8	3.3	5.3	8.7	8.2	15.1	14.9
18:00	9	4	1.5	2.7	8.6	5.5	11.7	19.5
19:00	19	4	.7	1.1	6.8	1.8	1.8	12.8
20:00	3	3	.5	.9	7.4	1.8	3.0	15.6
21:00	15	5	.5	.9	6.3	2.3	2.7	11.7
22:00	11	5	.4	.8	5.3	1.6	2.1	12.4
23:00	7	4	.3	.7	6.6	1.4	2.0	14.4
Avg	11	6	2.6	3.9	8.1	7.4	9.7	16.6
Max	19	14	6.4	7.9	10.3	22.0	26.6	32.5
Hr. of Max	19	14	13	12	15	13	14	14
Min	3	1	.3	.7	4.5	1.4	1.8	8.9
Count	24	24	24	24	24	24	24	24
Total								