Current Time: 6:40 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

12/9/2013

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	5.8	5.7	5.5	-.1	-.3	5.3	7.7	97.7	6.9
01:00	6.0	6.0	5.8	.0	-.2	5.5	7.7	97.7	7.0
02:00	6.6	6.8	6.6	.2	.0	6.1	7.7	97.7	7.3
03:00	7.0	7.0	6.7	.1	-.3	6.5	7.7	97.8	7.5
04:00	7.7	7.8	7.6	.1	-.1	7.2	7.8	97.8	7.9
05:00	8.5	8.5	8.3	-.1	-.2	8.1	7.8	97.8	8.3
06:00	9.0	8.9	8.6	-.1	-.4	8.5	7.9	97.9	8.5
07:00	8.9	8.8	8.4	-.1	-.5	8.4	8.0	97.9	8.5
08:00	8.6	8.5	7.8	-.2	-.8	8.2	8.1	97.9	8.3
09:00	8.3	8.2	7.6	-.2	-.7	7.9	8.2	97.9	8.2
10:00	8.4	8.2	7.7	-.2	-.7	7.9	8.3	97.9	8.2
11:00	8.9	8.7	8.0	-.2	-.9	8.3	8.5	97.5	8.4
12:00	9.5	9.3	8.3	-.2	-1.2	7.7	8.9	89.5	8.1
13:00	10.0	9.7	8.9	-.2	-1.1	6.9	9.3	82.2	7.6
14:00	10.5	10.3	9.3	-.1	-1.2	7.0	9.7	79.8	7.7
15:00	10.7	10.5	9.5	-.2	-1.2	7.3	10.1	80.3	7.8
16:00	9.4	9.2	8.3	-.2	-1.1	5.3	10.2	76.5	6.9
17:00	7.1	7.1	6.7	.0	-.4	4.3	10.0	83.5	6.4
18:00	5.1	5.3	5.6	.2	.5	3.8	9.7	92.0	6.2
19:00	3.5	4.2	4.2	.7	.7	2.9	9.2	97.0	5.9
20:00	3.3	3.9	3.8	.5	.5	2.8	8.8	97.2	5.9
21:00	3.2	3.8	3.4	.6	.2	2.7	8.5	97.3	5.8
22:00	2.8	3.1	2.9	.4	.2	2.3	8.2	97.3	5.7
23:00	3.4	3.2	2.8	-.1	-.6	2.6	7.9	95.7	5.8
Avg	7.2	7.2	6.8	.0	-.4	6.0	8.6	93.4	7.3
Max	10.7	10.5	9.5	.7	.7	8.5	10.2	97.9	8.5
Hr. of Max	15	15	15	19	19	06	16	10	07
Min	2.8	3.1	2.8	-.2	-1.2	2.3	7.7	76.5	5.7
Count	24	24	24	24	24	24	24	24	24
Total									

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	14_Mix Ratio	15_Vapor Pr	17_Precip_In	20_BP	21_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m	29_Sigma_10m
Hour	None	KPa	INCHES	MM/HG	Langleys	DEG	DEG	DEG	DEG
00:00	0.005679	8.9	.04	985.9	.00	251	238	271	13
01:00	0.005754	9.0	.14	985.5	.00	231	244	252	12
02:00	0.006023	9.5	.09	985.5	.00	223	248	255	13
03:00	0.006175	9.7	.16	985.5	.00	220	225	244	11
04:00	0.006507	10.2	.06	985.4	.00	224	243	246	16
05:00	0.006883	10.8	.01	985.4	.00	234	244	247	17
06:00	0.007094	11.1	.01	985.9	.00	236	239	235	18
07:00	0.007055	11.1	.01	986.6	.00	246	245	239	16
08:00	0.006918	10.9	.00	987.1	.02	246	255	265	15
09:00	0.006774	10.6	.00	987.6	.07	249	262	274	14
10:00	0.006784	10.7	.00	987.9	.20	255	263	266	14
11:00	0.006984	11.0	.00	988.0	.25	255	262	270	15
12:00	0.00669	10.5	.00	987.7	.37	262	268	268	18
13:00	0.006348	10.0	.00	987.0	.54	244	252	253	15
14:00	0.006402	10.0	.00	986.4	.33	234	232	222	20
15:00	0.006532	10.3	.00	986.6	.16	264	268	264	14
16:00	0.005696	9.0	.00	987.3	.08	272	281	282	16
17:00	0.005289	8.3	.00	987.6	.00	236	247	280	13
18:00	0.005093	8.0	.00	988.0	.00	231	231	313	20
19:00	0.004796	7.6	.00	987.9	.00	300	250	335	5
20:00	0.004745	7.5	.00	987.6	.00	309	29	28	12
21:00	0.004717	7.4	.00	986.7	.00	344	18	30	14
22:00	0.004573	7.2	.00	986.0	.00	338	22	43	15
23:00	0.004697	7.4	.00	985.1	.00	337	357	8	19
Avg	0.006009	9.4	.02	986.7	.08	257	260	275	15
Max	0.007094	11.1	.16	988.0	.54	344	357	335	20
Hr. of Max	06	07	03	18	13	21	23	19	18
Min	0.004573	7.2	.00	985.1	.00	220	18	8	5
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	4	1.3	1.5	4.7	4.1	5.0	8.5
01:00	8	4	1.9	2.8	8.0	6.0	9.8	16.3
02:00	11	7	1.9	3.6	9.9	7.3	9.2	22.0
03:00	8	6	1.4	3.0	8.6	3.2	5.5	16.5
04:00	10	6	2.5	5.1	11.7	6.6	11.0	22.2
05:00	13	8	3.3	5.5	11.0	8.2	11.7	17.9
06:00	15	8	5.0	7.8	14.0	13.5	16.5	35.7
07:00	14	6	4.5	6.5	12.1	10.8	14.7	23.8
08:00	13	8	4.0	5.7	9.7	12.1	17.6	35.0
09:00	13	8	3.6	4.9	7.7	8.9	11.9	18.3
10:00	12	9	3.4	4.5	6.1	9.2	10.1	11.7
11:00	14	11	3.7	4.6	6.0	9.6	13.3	20.2
12:00	16	11	4.8	5.7	7.6	11.4	12.8	19.0
13:00	15	10	4.4	5.2	6.4	11.0	14.2	17.2
14:00	16	14	2.4	2.8	3.3	10.5	14.0	11.9
15:00	11	7	4.3	5.6	7.7	11.2	11.7	14.0
16:00	14	6	5.8	7.6	11.5	15.1	16.7	18.5
17:00	14	11	3.0	4.1	6.9	11.2	19.2	23.1
18:00	17	15	1.6	1.6	4.0	4.6	8.0	16.5
19:00	17	17	.9	1.2	2.3	3.9	3.2	8.2
20:00	13	9	.6	.8	5.3	3.0	6.2	13.7
21:00	22	5	1.3	4.1	7.8	3.9	8.5	12.6
22:00	18	5	1.1	2.3	5.6	4.8	7.6	15.6
23:00	21	12	2.0	3.5	6.6	6.2	8.2	11.2
Avg	14	9	2.9	4.2	7.7	8.2	11.1	17.9
Max	22	17	5.8	7.8	14.0	15.1	19.2	35.7
Hr. of Max	21	19	16	06	06	16	17	06
Min	8	4	.6	.8	2.3	3.0	3.2	8.2
Count	24	24	24	24	24	24	24	24
Total								