Current Time: 7:31 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

10/17/2013

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	16.9	16.9	16.9	.0	.0	16.3	19.4	97.9	13.9
01:00	17.0	17.0	17.0	.0	.0	16.4	19.3	97.9	13.9
02:00	17.0	17.0	17.0	.0	.0	16.4	19.3	97.9	13.9
03:00	17.0	16.9	16.8	-.1	-.2	16.4	19.2	98.0	14.0
04:00	17.0	16.9	16.7	-.1	-.3	16.4	19.2	98.1	14.0
05:00	17.2	17.0	16.7	-.1	-.5	16.5	19.1	98.1	14.1
06:00	17.1	17.0	16.8	-.1	-.3	16.5	19.1	98.1	14.1
07:00	17.3	17.1	16.8	-.1	-.5	16.7	19.0	98.2	14.2
08:00	17.6	17.4	16.9	-.2	-.7	17.0	19.0	98.2	14.4
09:00	17.7	17.5	17.0	-.2	-.7	17.1	19.0	98.2	14.6
10:00	17.9	17.7	17.2	-.2	-.7	17.3	19.0	98.3	14.7
11:00	18.4	18.2	17.8	-.2	-.6	17.8	19.1	98.3	15.2
12:00	18.8	18.6	18.0	-.2	-.8	18.2	19.2	98.3	15.5
13:00	18.4	18.2	17.5	-.2	-.9	17.8	19.4	98.1	15.2
14:00	16.4	16.2	15.7	-.2	-.7	15.4	19.7	95.2	13.1
15:00	16.9	16.6	15.7	-.3	-1.2	12.8	20.1	78.0	11.1
16:00	16.6	16.3	15.6	-.3	-1.0	11.4	20.4	72.4	10.1
17:00	15.8	15.7	15.0	-.2	-.8	11.3	20.7	75.5	10.1
18:00	15.0	14.9	14.5	-.1	-.5	10.9	20.5	78.0	9.9
19:00	13.8	13.9	14.1	.1	.3	10.5	20.1	81.8	9.6
20:00	12.7	13.2	13.3	.5	.6	10.5	19.6	87.8	9.6
21:00	10.9	12.6	12.6	1.7	1.6	10.3	19.1	97.1	9.6
22:00	10.1	11.1	11.6	1.1	1.5	9.5	18.6	97.5	9.1
23:00	9.4	10.3	10.8	.9	1.4	8.9	18.1	97.6	8.8
Avg	16.0	16.0	15.8	.1	-.2	14.5	19.4	93.1	12.6
Max	18.8	18.6	18.0	1.7	1.6	18.2	20.7	98.3	15.5
Hr. of Max	12	12	12	21	21	12	17	12	12
Min	9.4	10.3	10.8	-.3	-1.2	8.9	18.1	72.4	8.8
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	0.011988	18.6	.00	29.01	-2.3	340	12	102	7
01:00	0.012048	18.7	.00	29.00	-1.4	341	29	175	13
02:00	0.01206	18.7	.02	28.99	-1.0	6	59	128	10
03:00	0.012077	18.7	.03	28.98	-1.8	4	61	141	4
04:00	0.012109	18.7	.03	28.96	-2.0	327	346	165	12
05:00	0.012198	18.9	.01	28.96	-1.6	221	196	184	11
06:00	0.0122	18.9	.02	28.96	-1.3	270	240	209	8
07:00	0.012311	19.0	.03	28.95	-1.5	229	225	209	17
08:00	0.012528	19.4	.03	28.95	6.0	226	224	210	18
09:00	0.01265	19.5	.01	28.96	15.5	236	231	218	19
10:00	0.012819	19.8	.02	28.96	46.0	226	226	218	19
11:00	0.013233	20.4	.00	28.96	97.4	220	225	217	21
12:00	0.013554	20.9	.01	28.96	155.5	224	229	223	20
13:00	0.013281	20.5	.06	28.95	177.5	256	260	256	20
14:00	0.011304	17.5	.00	28.96	526.0	278	286	290	17
15:00	0.009541	14.8	.00	28.97	544.2	276	284	284	23
16:00	0.008673	13.5	.00	28.98	413.5	268	271	274	22
17:00	0.008629	13.4	.00	28.99	143.7	275	280	284	19
18:00	0.008417	13.1	.00	29.00	47.6	261	269	278	16
19:00	0.008189	12.8	.00	29.03	-1.2	267	274	286	16
20:00	0.008147	12.7	.00	29.04	-1.9	326	224	315	21
21:00	0.008035	12.5	.00	29.05	-2.2	298	275	324	9
22:00	0.007623	11.9	.00	29.06	-2.3	314	352	357	15
23:00	0.007303	11.4	.00	29.06	-2.2	328	58	27	12
Avg	0.010872	16.8	.01	28.99	89.6	279	269	237	15
Max	0.013554	20.9	.06	29.06	544.2	341	352	357	23
Hr. of Max	12	12	13	23	15	01	22	22	15
Min	0.007303	11.4	.00	28.95	-2.3	4	12	27	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	13	14	1.1	1.3	1.1	3.2	4.1	3.9
01:00	18	9	1.1	1.3	3.1	2.7	2.5	8.0
02:00	8	15	.7	.8	1.0	2.3	2.1	3.2
03:00	6	19	.3	.6	1.3	1.6	2.4	4.8
04:00	19	10	.3	.6	3.2	1.8	2.7	7.6
05:00	14	7	.9	1.9	5.6	5.0	6.0	10.1
06:00	10	8	.5	1.4	5.6	2.7	3.9	13.3
07:00	15	7	1.5	3.4	8.9	6.2	8.2	16.5
08:00	15	6	2.5	4.4	9.9	8.7	11.2	23.4
09:00	15	7	2.8	5.1	10.3	8.7	11.2	18.1
10:00	16	7	3.9	6.0	12.2	12.1	14.9	23.1
11:00	16	7	4.7	7.6	13.5	13.7	20.2	33.0
12:00	16	8	4.4	6.3	10.8	11.7	13.1	24.7
13:00	16	10	6.8	9.7	15.2	21.5	23.4	26.1
14:00	16	9	8.1	10.5	15.8	18.1	21.8	39.8
15:00	20	10	8.5	11.2	17.4	21.8	27.0	33.9
16:00	21	12	6.8	8.6	11.9	22.7	22.2	31.6
17:00	16	10	7.3	9.4	13.6	16.7	20.6	26.6
18:00	12	8	5.2	7.3	11.5	11.9	14.2	22.0
19:00	13	6	4.0	6.4	12.3	11.9	13.5	19.5
20:00	21	14	1.2	1.5	5.5	7.6	8.7	18.8
21:00	15	15	2.0	2.4	3.7	6.4	7.1	7.1
22:00	23	9	.9	1.2	1.9	2.5	3.0	4.4
23:00	11	15	.7	.9	1.3	2.7	3.2	4.6
Avg	15	10	3.2	4.6	8.2	9.3	11.1	17.7
Max	23	19	8.5	11.2	17.4	22.7	27.0	39.8
Hr. of Max	22	03	15	15	15	16	15	14
Min	6	6	.3	.6	1.0	1.6	2.1	3.2
Count	24	24	24	24	24	24	24	24
Total								