Current Time: 11:41 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/26/2014

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	1.1	1.4	1.4	.3	.3	-12.6	.6	35.6	1.9
01:00	.5	.7	.6	.2	.2	-14.1	.6	32.9	1.6
02:00	-.9	-.1	-.2	.8	.7	-14.2	.6	36.1	1.6
03:00	-2.6	-1.3	-1.7	1.3	.8	-13.4	.6	43.6	1.8
04:00	-3.9	-2.5	-2.2	1.4	1.7	-13.0	.5	49.7	1.8
05:00	-4.8	-3.7	-3.0	1.2	1.8	-12.3	.5	56.2	1.9
06:00	-5.9	-4.8	-4.4	1.1	1.5	-12.2	.5	61.3	1.9
07:00	-6.8	-5.5	-5.0	1.3	1.8	-11.8	.5	67.7	2.0
08:00	-5.9	-5.0	-4.8	1.0	1.1	-12.4	.4	60.5	1.9
09:00	-2.2	-2.1	-2.8	.1	-.6	-12.7	.4	44.9	1.9
10:00	1.3	1.2	.5	-.1	-.8	-12.0	.4	36.8	1.9
11:00	4.0	3.8	3.0	-.2	-1.0	-10.0	.4	35.5	2.3
12:00	7.2	6.8	5.8	-.3	-1.5	-7.0	.4	36.2	2.8
13:00	9.5	9.2	7.8	-.3	-1.7	-5.4	.4	35.1	3.2
14:00	11.3	11.0	9.8	-.3	-1.5	-4.5	.4	33.2	3.4
15:00	12.1	11.8	10.5	-.3	-1.5	-3.8	.4	33.2	3.5
16:00	11.5	11.4	10.5	-.2	-1.0	-3.7	.5	34.9	3.6
17:00	11.1	11.1	10.6	.0	-.5	-3.0	.5	37.5	3.8
18:00	10.3	10.5	10.2	.2	-.1	-2.9	.5	40.1	3.8
19:00	9.6	9.8	9.7	.2	.1	-3.0	.5	41.6	3.8
20:00	9.3	9.4	9.3	.1	.0	-2.7	.5	43.4	3.9
21:00	8.7	8.9	8.7	.2	.0	-2.5	.5	45.7	3.9
22:00	8.7	8.9	8.7	.2	.0	-2.5	.5	45.9	3.9
23:00	8.5	8.7	8.7	.2	.2	-2.3	.5	46.9	4.0
Avg	3.8	4.2	3.8	.3	.0	-8.1	.5	43.1	2.8
Max	12.1	11.8	10.6	1.4	1.8	-2.3	.6	67.7	4.0
Hr. of Max	15	15	17	04	07	23	03	07	23
Min	-6.8	-5.5	-5.0	-.3	-1.7	-14.2	.4	32.9	1.6
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	0.001494	2.4	.00	29.00	-2.5	244	248	262	14
01:00	0.001317	2.1	.00	29.01	-2.2	268	274	276	15
02:00	0.001304	2.1	.00	29.00	-2.5	258	250	276	18
03:00	0.001395	2.2	.00	28.99	-2.9	293	273	292	11
04:00	0.001439	2.3	.00	28.99	-3.0	284	236	279	12
05:00	0.001516	2.4	.00	28.99	-2.9	318	248	302	11
06:00	0.001526	2.4	.00	28.98	-3.0	263	246	243	13
07:00	0.001571	2.5	.00	28.98	.1	309	348	188	15
08:00	0.0015	2.4	.00	28.98	28.4	122	65	253	9
09:00	0.001472	2.3	.00	28.98	270.6	200	226	261	14
10:00	0.001562	2.5	.00	28.97	439.9	219	228	235	18
11:00	0.001841	2.9	.00	28.97	552.7	221	227	227	18
12:00	0.002332	3.7	.00	28.93	594.6	228	232	224	20
13:00	0.002647	4.1	.00	28.90	606.0	222	225	217	19
14:00	0.002842	4.4	.00	28.87	495.6	217	222	216	20
15:00	0.002985	4.7	.00	28.86	286.4	217	220	212	20
16:00	0.003025	4.7	.00	28.85	124.4	204	207	197	21
17:00	0.003164	4.9	.00	28.86	33.9	206	208	200	16
18:00	0.003194	5.0	.00	28.86	-1.8	207	204	199	17
19:00	0.00317	5.0	.00	28.87	-2.2	228	224	212	18
20:00	0.003225	5.0	.00	28.88	-2.4	226	224	214	19
21:00	0.003272	5.1	.00	28.89	-2.5	229	228	216	17
22:00	0.003277	5.1	.00	28.89	-2.2	237	237	225	16
23:00	0.003319	5.2	.00	28.88	-2.3	248	251	234	13
Avg	0.002266	3.6	.00	28.93	141.7	237	235	235	16
Max	0.003319	5.2	.00	29.01	606.0	318	348	302	21
Hr. of Max	23	23	23	01	13	05	07	05	16
Min	0.001304	2.1	.00	28.85	-3.0	122	65	188	9
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	10	8	3.8	6.5	10.8	8.2	12.4	16.3
01:00	12	6	4.1	6.7	13.1	10.1	17.6	31.1
02:00	12	7	1.7	3.2	7.1	4.6	7.1	16.3
03:00	10	5	1.5	2.0	5.8	3.7	6.9	13.5
04:00	7	3	1.4	1.9	5.2	3.9	8.0	20.2
05:00	14	7	.9	1.4	4.3	2.5	2.5	15.8
06:00	7	2	.8	1.3	2.9	2.3	3.4	7.3
07:00	13	3	.4	.9	6.3	2.7	5.5	11.9
08:00	7	3	.2	.6	4.3	1.4	3.0	10.3
09:00	11	9	2.3	3.0	6.5	6.9	7.6	12.1
10:00	18	13	5.0	5.5	7.5	11.0	12.8	24.0
11:00	16	11	6.9	8.3	10.3	16.9	18.3	20.4
12:00	18	10	8.9	11.1	14.9	20.4	23.8	27.5
13:00	16	10	10.9	13.9	18.6	31.6	30.0	33.4
14:00	18	10	10.2	13.1	18.7	25.4	26.8	34.1
15:00	16	10	10.2	13.3	19.8	25.4	28.9	34.1
16:00	17	10	5.7	7.6	12.4	21.5	22.4	31.8
17:00	13	8	5.0	7.5	12.1	12.6	16.5	25.4
18:00	13	8	3.8	6.4	11.5	11.9	14.0	21.5
19:00	13	9	4.7	7.4	12.3	13.7	18.1	22.4
20:00	15	9	4.0	6.7	12.5	12.4	16.3	26.8
21:00	11	7	3.8	7.0	13.6	15.3	14.7	21.5
22:00	11	6	4.0	7.5	14.3	9.6	13.7	25.2
23:00	11	6	3.0	5.5	11.3	10.8	11.7	23.8
Avg	13	8	4.3	6.2	10.7	11.9	14.3	21.9
Max	18	13	10.9	13.9	19.8	31.6	30.0	34.1
Hr. of Max	14	10	13	13	15	13	13	15
Min	7	2	.2	.6	2.9	1.4	2.5	7.3
Count	24	24	24	24	24	24	24	24
Total								