Current Time: 7:59 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

2/25/2014

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	1.4	2.9	3.7	1.6	2.3	-10.1	7.3	42.7	2.3
01:00	1.1	1.8	3.3	.8	2.2	-9.9	6.9	44.3	2.3
02:00	1.0	1.9	3.1	.9	2.1	-8.8	6.6	48.3	2.5
03:00	2.4	2.6	2.5	.2	.1	-9.2	6.4	42.8	2.4
04:00	2.7	2.6	2.7	-.1	.0	-9.6	6.3	40.2	2.3
05:00	2.7	2.8	2.6	.1	-.1	-8.7	6.2	43.5	2.5
06:00	2.8	2.9	2.7	.1	-.1	-7.9	6.2	45.7	2.7
07:00	2.7	2.8	2.7	.1	.0	-7.3	6.1	48.1	2.8
08:00	3.4	3.2	2.8	-.2	-.6	-7.6	6.1	44.7	2.7
09:00	4.3	4.1	3.6	-.2	-.7	-8.5	6.1	39.3	2.5
10:00	6.1	5.9	4.9	-.3	-1.2	-9.4	6.2	32.6	2.4
11:00	7.7	7.4	6.7	-.3	-1.0	-10.2	6.5	27.3	2.2
12:00	8.9	8.6	7.8	-.3	-1.1	-9.5	7.0	26.7	2.3
13:00	9.9	9.4	8.7	-.5	-1.2	-9.3	7.7	25.3	2.4
14:00	10.3	10.0	8.8	-.3	-1.4	-9.3	8.3	24.8	2.4
15:00	10.3	10.0	9.1	-.3	-1.2	-9.0	8.8	25.3	2.4
16:00	10.4	10.1	9.2	-.2	-1.2	-8.7	9.1	25.7	2.5
17:00	9.8	9.6	8.7	-.2	-1.1	-8.3	9.3	27.4	2.5
18:00	8.5	8.4	7.8	-.1	-.8	-8.1	9.2	30.5	2.6
19:00	6.6	7.2	7.1	.7	.5	-8.3	8.9	34.1	2.6
20:00	5.3	6.2	6.1	.8	.8	-8.3	8.5	37.1	2.6
21:00	4.3	5.3	5.3	1.1	1.0	-7.8	8.1	41.7	2.7
22:00	2.7	3.8	4.2	1.1	1.5	-6.9	7.7	49.8	2.9
23:00	2.2	3.2	3.8	1.0	1.6	-6.7	7.3	52.4	2.9
Avg	5.3	5.5	5.3	.2	.0	-8.6	7.4	37.5	2.5
Max	10.4	10.1	9.2	1.6	2.3	-6.7	9.3	52.4	2.9
Hr. of Max	16	16	16	00	00	23	17	23	23
Min	1.0	1.8	2.5	-.5	-1.4	-10.2	6.1	24.8	2.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	14_Mix Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	None	KPa	MM	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	0.001816	2.9	.0	.00	29.13	-2.5	310	26	31
01:00	0.001842	2.9	.0	.00	29.13	-3.2	300	59	13
02:00	0.002006	3.2	.0	.00	29.12	-2.7	291	87	84
03:00	0.001957	3.1	.0	.00	29.10	-2.5	350	4	31
04:00	0.001883	3.0	.0	.00	29.10	-2.5	45	40	358
05:00	0.002031	3.2	.0	.00	29.11	-2.2	250	246	325
06:00	0.002151	3.4	.0	.00	29.11	-3.0	293	311	73
07:00	0.002248	3.6	.0	.00	29.13	5.3	225	239	260
08:00	0.002194	3.5	.0	.00	29.14	80.4	214	228	257
09:00	0.002062	3.3	.0	.00	29.16	161.9	208	196	220
10:00	0.001932	3.1	.0	.00	29.15	532.6	232	249	287
11:00	0.00181	2.9	.0	.00	29.15	678.4	314	320	319
12:00	0.001919	3.0	.0	.00	29.13	650.2	94	67	358
13:00	0.001957	3.1	.0	.00	29.10	567.7	136	122	96
14:00	0.001959	3.1	.0	.00	29.08	616.2	264	269	272
15:00	0.002	3.2	.0	.00	29.06	382.4	279	284	280
16:00	0.002044	3.2	.0	.00	29.04	332.6	263	271	272
17:00	0.002105	3.3	.0	.00	29.05	133.5	277	284	284
18:00	0.002132	3.4	.0	.00	29.06	11.1	2	4	341
19:00	0.002096	3.3	.0	.00	29.08	-1.8	351	17	17
20:00	0.002091	3.3	.0	.00	29.08	-2.0	283	210	57
21:00	0.002181	3.4	.0	.00	29.08	-2.2	328	68	356
22:00	0.002335	3.7	.0	.00	29.07	-2.4	15	65	288
23:00	0.002364	3.7	.0	.00	29.04	-2.3	290	24	61
Avg	0.002046	3.2	.0	.00	29.10	171.8	291	336	339
Max	0.002364	3.7	.0	.00	29.16	678.4	351	320	358
Hr. of Max	23	23	23	23	09	11	19	11	12
Min	0.00181	2.9	.0	.00	29.04	-3.2	2	4	13
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	6	15	11	1.2	1.4	4.0	3.2	4.8	10.3
01:00	12	10	28	.5	1.0	4.2	2.7	2.3	10.3
02:00	12	14	5	1.5	2.0	4.3	4.4	4.1	10.3
03:00	18	22	12	2.3	3.8	7.2	8.5	10.3	13.5
04:00	20	23	17	1.5	1.7	5.5	5.7	8.0	18.1
05:00	10	14	6	1.4	1.5	1.5	4.8	4.4	4.1
06:00	8	10	4	1.7	2.0	2.2	4.6	3.9	3.2
07:00	8	4	2	2.1	2.4	2.6	4.1	4.4	4.8
08:00	15	17	10	1.4	1.4	3.7	4.4	5.3	9.8
09:00	21	29	24	1.7	1.5	1.5	3.9	4.8	4.1
10:00	32	36	28	1.8	2.0	2.4	7.6	7.6	8.2
11:00	27	31	19	4.4	4.8	5.5	12.6	13.5	14.2
12:00	31	37	33	3.3	3.2	3.1	10.5	7.6	11.0
13:00	20	19	26	4.6	5.0	4.6	14.7	14.4	14.9
14:00	18	17	12	6.9	8.3	9.8	15.6	15.6	18.5
15:00	16	16	12	5.7	6.5	7.7	13.3	14.0	25.2
16:00	18	15	12	5.1	5.8	6.8	13.1	12.4	14.4
17:00	19	17	10	4.9	6.0	8.4	12.4	13.1	15.3
18:00	23	22	17	1.7	2.7	5.2	6.4	13.1	19.9
19:00	12	15	15	.9	1.6	4.0	4.1	5.0	7.8
20:00	11	13	23	1.3	1.6	2.0	3.4	4.1	6.0
21:00	24	17	27	.8	.8	.9	3.0	3.7	6.4
22:00	10	17	11	.9	1.0	1.1	3.0	3.2	6.0
23:00	12	15	4	1.7	2.1	4.6	4.4	6.2	10.5
Avg	17	19	15	2.5	2.9	4.3	7.1	7.7	11.1
Max	32	37	33	6.9	8.3	9.8	15.6	15.6	25.2
Hr. of Max	10	12	12	14	14	14	14	14	15
Min	6	4	2	.5	.8	.9	2.7	2.3	3.2
Count	24	24	24	24	24	24	24	24	24
Total									