Current Time: 9:05 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

1/16/2014

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	-3.3	-3.1	-3.3	.2	.0	-8.5	3.6	67.4	2.6
01:00	-3.5	-3.4	-3.6	.1	-.1	-8.0	3.4	71.5	2.7
02:00	-4.4	-3.8	-4.1	.6	.3	-8.0	3.3	76.2	2.7
03:00	-5.3	-4.5	-4.4	.8	.9	-7.8	3.2	82.8	2.8
04:00	-5.5	-5.0	-4.7	.5	.8	-7.7	3.1	84.7	2.8
05:00	-6.5	-5.6	-5.2	.8	1.3	-7.9	3.0	90.2	2.7
06:00	-6.9	-6.2	-5.8	.7	1.1	-7.9	2.9	93.2	2.7
07:00	-7.4	-6.7	-6.1	.7	1.3	-8.2	2.8	94.3	2.7
08:00	-6.6	-6.3	-5.9	.4	.7	-8.1	2.7	90.1	2.7
09:00	-4.2	-4.3	-5.1	-.1	-.9	-8.4	2.6	73.2	2.6
10:00	-2.3	-2.4	-3.3	-.1	-1.0	-9.3	2.5	59.2	2.4
11:00	-.7	-1.0	-1.9	-.3	-1.2	-10.1	2.5	49.3	2.3
12:00	.7	.4	-.4	-.3	-1.1	-10.7	2.4	42.7	2.2
13:00	2.1	1.8	.7	-.3	-1.4	-11.3	2.4	36.8	2.1
14:00	3.0	2.7	1.3	-.3	-1.7	-11.7	2.5	33.3	2.0
15:00	4.2	3.9	2.5	-.3	-1.7	-11.8	2.7	30.6	2.0
16:00	4.7	4.4	3.2	-.3	-1.5	-11.3	2.9	30.6	2.0
17:00	4.3	4.2	3.1	-.1	-1.2	-10.4	3.0	33.9	2.2
18:00	3.4	3.5	2.8	.1	-.6	-9.5	2.9	38.7	2.4
19:00	3.1	3.2	2.7	.1	-.4	-9.1	2.8	40.8	2.4
20:00	3.3	3.3	2.7	.0	-.6	-9.0	2.7	40.5	2.4
21:00	3.6	3.6	3.0	-.1	-.6	-9.2	2.6	39.0	2.4
22:00	3.4	3.4	2.9	.0	-.5	-9.3	2.6	39.1	2.4
23:00	3.3	3.5	2.9	.2	-.4	-9.1	2.6	40.2	2.4
Avg	-.7	-.6	-1.1	.1	-.4	-9.3	2.8	57.4	2.4
Max	4.7	4.4	3.2	.8	1.3	-7.7	3.6	94.3	2.8
Hr. of Max	16	16	16	05	07	04	00	07	04
Min	-7.4	-6.7	-6.1	-.3	-1.7	-11.8	2.4	30.6	2.0
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	0.002038	3.2	.00	29.10	-3.1	268	283	299	8
01:00	0.002125	3.4	.00	29.10	-3.4	266	282	296	9
02:00	0.002115	3.3	.00	29.09	-3.1	267	273	294	5
03:00	0.002156	3.4	.00	29.09	-3.1	256	252	289	8
04:00	0.002162	3.4	.00	29.08	-3.2	309	206	271	7
05:00	0.00214	3.4	.00	29.09	-3.4	286	246	249	10
06:00	0.00214	3.4	.00	29.09	-3.8	290	238	249	5
07:00	0.002084	3.3	.00	29.10	-1.5	255	233	239	5
08:00	0.002109	3.3	.00	29.10	37.5	246	235	236	6
09:00	0.002061	3.3	.00	29.11	310.3	212	219	235	14
10:00	0.001927	3.0	.00	29.11	478.2	225	230	220	22
11:00	0.001805	2.8	.00	29.08	534.3	209	216	212	23
12:00	0.001736	2.7	.00	29.03	595.2	197	202	200	24
13:00	0.001655	2.6	.00	29.00	517.9	218	219	216	24
14:00	0.001605	2.5	.00	28.98	371.3	211	213	206	19
15:00	0.001603	2.5	.00	28.96	290.9	195	204	200	22
16:00	0.00166	2.6	.00	28.94	188.1	207	209	202	20
17:00	0.001783	2.8	.00	28.93	29.1	213	213	204	17
18:00	0.001911	3.0	.00	28.94	-2.5	243	240	226	15
19:00	0.001978	3.1	.00	28.97	-2.9	235	233	221	17
20:00	0.001986	3.1	.00	28.99	-3.0	237	235	223	19
21:00	0.001959	3.1	.00	29.00	-2.5	246	242	224	17
22:00	0.001937	3.0	.00	28.99	-2.5	258	254	237	13
23:00	0.001977	3.1	.00	28.98	-2.5	256	252	230	11
Avg	0.001944	3.1	.00	29.04	138.0	241	234	235	14
Max	0.002162	3.4	.00	29.11	595.2	309	283	299	24
Hr. of Max	04	06	23	10	12	04	00	00	13
Min	0.001603	2.5	.00	28.93	-3.8	195	202	200	5
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	5	1.9	3.0	7.7	3.7	9.6	14.0
01:00	11	6	2.4	3.6	8.5	5.5	7.1	17.6
02:00	6	3	2.2	3.5	7.9	6.6	9.4	18.3
03:00	7	4	1.8	3.4	8.0	3.4	6.4	14.4
04:00	8	7	.9	1.2	2.9	2.3	5.3	11.7
05:00	6	1	1.2	1.5	4.3	2.5	2.7	6.0
06:00	3	1	1.0	1.4	3.9	3.4	3.9	9.6
07:00	3	1	1.6	1.9	6.0	3.9	5.7	10.3
08:00	3	1	1.4	2.1	5.6	3.4	3.7	11.4
09:00	13	8	3.2	3.7	5.3	7.1	7.1	9.6
10:00	19	13	4.6	5.0	6.0	11.0	11.4	12.4
11:00	20	12	5.0	5.7	6.8	11.0	11.9	13.1
12:00	21	18	5.8	6.6	8.2	14.4	15.1	17.9
13:00	17	10	6.0	7.3	9.8	16.0	16.3	17.9
14:00	15	10	5.9	7.2	9.1	12.6	15.8	19.0
15:00	18	13	5.8	7.1	9.5	12.6	17.6	20.4
16:00	15	10	6.9	9.6	13.0	18.5	19.2	22.4
17:00	13	8	4.6	6.5	10.6	13.7	21.8	30.7
18:00	11	7	4.3	7.3	13.7	9.8	14.2	24.3
19:00	13	7	5.1	8.6	16.0	13.3	20.8	25.0
20:00	14	8	4.5	7.0	13.6	11.4	13.7	30.5
21:00	14	7	4.2	6.3	11.7	10.3	12.6	24.5
22:00	11	5	2.7	4.7	9.4	6.2	9.8	14.2
23:00	9	6	2.5	4.9	10.2	5.0	10.1	18.5
Avg	12	7	3.6	5.0	8.7	8.7	11.3	17.2
Max	21	18	6.9	9.6	16.0	18.5	21.8	30.7
Hr. of Max	12	12	16	16	19	16	17	17
Min	3	1	.9	1.2	2.9	2.3	2.7	6.0
Count	24	24	24	24	24	24	24	24
Total								