Current Time: 6:25 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

11/4/2013

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	5.1	5.9	7.5	.8	2.4	3.4	11.4	89.5	6.1
01:00	4.5	5.3	7.0	.8	2.5	3.4	11.1	93.3	6.1
02:00	4.3	4.9	6.0	.6	1.7	3.3	10.8	94.4	6.1
03:00	4.1	4.5	5.5	.4	1.4	3.4	10.6	95.6	6.1
04:00	3.8	4.1	5.0	.4	1.2	3.2	10.4	96.8	6.0
05:00	3.4	3.9	5.0	.5	1.6	2.9	10.1	97.1	5.9
06:00	3.7	3.9	4.9	.2	1.2	3.1	9.9	97.1	6.0
07:00	3.6	3.8	5.0	.2	1.4	3.1	9.8	96.9	6.0
08:00	5.7	5.4	5.2	-.3	-.5	3.6	9.8	87.1	6.1
09:00	8.0	7.7	6.9	-.4	-1.1	3.3	9.9	72.8	6.0
10:00	10.1	9.7	9.0	-.4	-1.1	3.0	10.3	62.0	5.8
11:00	12.3	11.9	11.1	-.4	-1.2	1.8	10.9	49.4	5.3
12:00	14.1	13.7	12.9	-.4	-1.2	1.5	11.6	42.9	5.2
13:00	15.3	14.8	13.8	-.5	-1.5	1.4	12.4	39.7	5.1
14:00	16.2	15.8	14.8	-.4	-1.4	.8	13.1	35.8	4.9
15:00	16.8	16.6	15.4	-.2	-1.4	.8	13.6	34.4	4.9
16:00	16.8 P	16.5 P	15.6 P	-.2 P	-1.2 P	P	13.9 P	37.3 P	5.3 P
17:00	14.9	15.2	15.1	.4	.2	3.5	13.9	47.1	6.0
18:00	12.7	13.6	14.4	.9	1.7	4.4	13.7	57.7	6.4
19:00	11.3	12.3	13.9	1.0	2.6	5.2	13.4	67.1	6.8
20:00	10.8	12.3	13.3	1.5	2.5	5.4	13.1	70.0	6.9
21:00	11.9	12.8	12.7	.8	.8	3.7	12.9	58.1	6.1
22:00	11.9	12.4	12.4	.5	.5	2.3	12.7	52.7	5.5
23:00	10.4	11.4	11.7	1.0	1.3	2.6	12.5	58.8	5.6
Avg	9.7	9.9	10.2	.3	.5	3.0	11.7	68.1	5.8
Max	16.8	16.6	15.6	1.5	2.6	5.4	13.9	97.1	6.9
Hr. of Max	16	15	16	20	19	20	17	06	20
Min	3.4	3.8	4.9	-.5	-1.5	.8	9.8	34.4	4.9
Count	24	24	24	24	24	23	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	0.004931	7.8	.00	29.32	-2.7	78	46	61	10
01:00	0.004931	7.8	.00	29.33	-3.0	31	53	71	7
02:00	0.004901	7.8	.00	29.34	-2.6	57	50	66	7
03:00	0.004919	7.8	.00	29.34	-3.0	70	54	70	4
04:00	0.004847	7.7	.00	29.35	-3.1	70	55	67	7
05:00	0.004742	7.5	.00	29.36	-3.2	48	55	74	8
06:00	0.00482	7.6	.00	29.37	-2.4	59	61	54	13
07:00	0.004799	7.6	.00	29.39	31.1	43	59	57	15
08:00	0.004974	7.9	.00	29.39	128.8	64	62	66	27
09:00	0.004889	7.8	.00	29.40	290.5	59	54	58	22
10:00	0.004789	7.6	.00	29.41	425.4	103	95	74	22
11:00	0.004412	7.0	.00	29.42	512.0	58	58	47	26
12:00	0.004321	6.9	.00	29.40	673.8	76	71	82	21
13:00	0.00431	6.8	.00	29.38	622.0	114	111	103	27
14:00	0.00414	6.6	.00	29.37	451.6	91	88	93	28
15:00	0.004136	6.6	.00	29.36	280.6	180	171	161	21
16:00	0.00446 P	7.1 P	.00 P	29.35 P	129.9 P	102 P	110 P	117 P	20 P
17:00	0.004994	7.9	.00	29.34	10.8	11	73	91	12
18:00	0.005295	8.4	.00	29.35	-1.5	311	70	98	6
19:00	0.005612	8.9	.00	29.36	-1.8	294	200	174	11
20:00	0.00567	9.0	.00	29.37	-1.9	312	195	188	17
21:00	0.005072	8.0	.00	29.38	-2.1	245	211	204	15
22:00	0.004577	7.3	.00	29.38	-2.0	255	245	223	8
23:00	0.004648	7.4	.00	29.39	-1.9	256	238	232	10
Avg	0.0048	7.6	.00	29.37	146.9	57	82	93	15
Max	0.00567	9.0	.00	29.42	673.8	312	245	232	28
Hr. of Max	20	20	23	11	12	20	22	23	14
Min	0.004136	6.6	.00	29.32	-3.2	11	46	47	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	8	2	.3	3.3	6.1	2.3	6.2	14.0
01:00	4	3	.8	1.9	4.9	2.3	3.9	12.4
02:00	3	2	1.2	2.6	4.6	4.1	7.6	9.4
03:00	3	3	1.5	2.2	4.7	3.0	4.4	12.8
04:00	4	3	.9	2.5	4.1	3.9	4.8	10.3
05:00	3	2	1.1	2.5	5.4	2.1	4.6	8.0
06:00	6	3	1.4	2.8	5.9	3.4	5.3	10.3
07:00	6	2	1.2	2.9	5.4	3.9	5.5	11.2
08:00	17	6	2.0	2.4	4.9	6.9	7.8	10.1
09:00	21	10	3.1	3.8	3.8	10.1	9.2	8.9
10:00	24	12	3.0	2.9	2.7	7.8	8.0	8.9
11:00	25	16	3.0	3.0	3.0	10.1	7.8	7.6
12:00	25	26	4.3	3.9	3.9	10.3	10.8	11.9
13:00	26	17	3.9	3.9	4.8	11.9	11.7	13.5
14:00	25	24	3.3	3.4	3.4	9.6	10.1	10.5
15:00	19	14	2.8	2.9	3.3	7.1	8.0	7.8
16:00	17 P	14 P	1.8 P	1.9 P	2.7 P	<	<	<
17:00	12	4	1.2	1.3	5.7	3.0	3.7	8.9
18:00	11	4	.9	1.3	3.9	2.7	2.7	11.4
19:00	10	4	.6	1.0	3.9	2.3	2.3	10.8
20:00	16	5	.7	1.5	10.3	3.0	6.2	20.4
21:00	8	4	2.5	5.8	11.6	7.3	10.3	20.6
22:00	6	4	2.3	4.4	7.8	7.8	17.4	21.8
23:00	12	5	1.3	2.3	7.1	4.4	7.3	17.9
Avg	13	8	1.9	2.8	5.2	5.6	7.2	12.1
Max	26	26	4.3	5.8	11.6	11.9	17.4	21.8
Hr. of Max	13	12	12	21	21	13	22	22
Min	3	2	.3	1.0	2.7	2.1	2.3	7.6
Count	24	24	24	24	24	23	23	23
Total								